

Oaktree Environmental Limited

Lime House, Road 2
Winsford, Cheshire, CW7 3QZ

Tel: 01606 558833

Peter Miller
ASH Waste Services

BY EMAIL ONLY **Date:** 22 August 2021

Our Ref: 426-009-01-CGv1

Dear Peter

Proposed new maintenance and office buildings at Redwither Road, Wrexham Industrial Estate, Wrexham, LL13 9RD

1. Please find in this submission an assessment of the risk posed due to land contamination to the Redwither Road site and elsewhere as a result of the construction and operation of the proposed maintenance and office buildings.
2. As part of this assessment the Groundsure Enviro + Geo Report reference HMD-188-8063899 along with the small scale and large scale historic mapping reports reference HMD-188-8063898 which are presented at Annexes I, II and III of this submission respectively.
3. The proposed maintenance and office buildings are shown on the drawings presented at Annex I to this submission. The buildings will be constructed within a wider complex of land which is under the control of and operated by ASH Waste Services. The biomass boiler and waste transfer station are the subject of the Site investigation and desk study report reference 3281-426-SI dated 21 December 2016 a copy of which is reproduced at Annex IV to this letter.

Site history and environmental setting

4. Consistent with the assessment presented at Annex IV the area in the general vicinity was shown on the historic maps to be undeveloped as late as 1938 with industrial development shown on the 1949 small scale map with hydrants noted on the 1960 large scale map (falling into disuse until the area was redeveloped as part of the transfer station business. The 1991 large scale map and 2002 small scale map shows the area to be revegetated and presumably not in use. A building comprising part of the wider engineering works complex is shown on the 1949 historic map and on the subsequent historic maps.
5. The site is shown as undeveloped on the historic maps prior to 1982. A depot is shown in the centre of the site on the 1982 historic map.



6. The site is recorded as being within the wider complex comprising the Royal Ordnance Factory Wrexham complex which was used for the manufacture of cordite. ROF Wrexham was redeveloped following 1945 as an industrial estate by the Welsh Development Agency. During the period in which ROF Wrexham was in use the site was shown as unlabelled open ground with no structures or access tracks hence there is no evidence to suggest that the site was used as part of the explosives manufacture process or for the disposal of wastes.
7. The site comprises an authorised household, commercial and industrial waste transfer station. The site is surrounded waste transfer stations operated by ASH waste services sites immediately to the south and 127m to the south which comprises also a waste treatment facility. Waste transfer and/or treatment facilities are located also 18m north, 39m east, 92m west, 389m north east, 405m north east and 465m north east of the site. There are four locations within 500m of the site at which waste exemptions are registered.
8. There is one recorded closed landfill within 500m of the site which is 392m north east of the site and is recorded as accepting special waste. There is one location 387m north west of the site at which a historic landfill is recorded which was operated by British Celanese Limited and is recorded as having accepted industrial waste and liquid sludges between the end of 1953 and the end of 1983.
9. No tanks, electricity sub-stations, high voltage underground electricity cables, high pressure gas pipelines, Control of Major Accident Hazards sites at or in the immediate vicinity of the site. There are three locations at which Part A1, Part A2 or Part B industrial processes are authorised within 500m of the site the closest of which comprises a drinks manufacturing facility 197m south west of the site. There are three locations at which Part B permits are authorised the closest of which is 154m north of the site and comprises a metal process.
10. There are four locations at which active discharge consents or environmental permits to discharge to surface water are recorded within 500m of the site the closest of which is 184m south east of the site.
11. The site is the subject of three recorded pollution incidents, the most recent of which occurred on 5 May 2016 in respect of which a minor impact on air is recorded and the pollutant in respect of which is recorded as dust. Minor impacts on air due to smoke were recorded on 22 April and 26 September 2014. A further forty one pollution incidents are recorded within 500m of the site the majority of which record either a minor or no impact to air land and water. The closest pollution incident in respect of which a significant impact is recorded occurred on 19 July 2006 in which a major impact to water and a significant impact to land and air is recorded due to firefighting runoff and smoke. A significant impact on air and water is recorded on 23 May 2020 53m south of the site due to firefighting runoff which was associated with a fire at the waste transfer station to the south of the site. A significant impact on air are recorded 199m north east of the site on 14 July 2002 and a significant impact on waste was recorded 429m north west of the site on 15 July 2001.

Geology, hydrogeology and hydrology



12. The site and surrounding area is recorded as landscaped ground. The site has been the subject of historic levelling works in order to form the concrete surface at the site. The superficial deposits at the site are recorded generally as glacial till with the exception of along the south eastern boundary of the site where they are recorded as alluvium. The bedrock at the site is recorded as Carboniferous (Westphalian) age Salop Formation which comprises interbedded mudstones, sandstones and conglomerates.
13. The alluvium at the site is recorded as a Secondary A aquifer and the glacial till is recorded as a Secondary (Undifferentiated) Aquifer. The Salop Formation is recorded as a Secondary A Aquifer. There are no active groundwater abstractions recorded within 2km of the site. The site is not in a groundwater source protection zone.
14. The site is in the catchment of the Redwither Brook which flows generally north west to south east adjacent to the southern boundary of the site. The existing site surface is generally flat and falls gently towards the south towards and in the direction of flow of the Redwither Brook. There are no active records of licensed surface water abstractions within 2km of the site.

Summary and conclusions

15. Based on the above, there is no evidence that the historic use of the site may have caused contamination of the site which would not have been apparent during the levelling works to construct the site surface. No changes are proposed to the site surface hence the potential for any residual contamination at the ground to be disturbed as a result of the proposed development is negligible.
16. The continuing use of the site as a waste transfer station is consistent with the historic use of the site and surrounding area. Based on a review of the industrial and waste management processes surrounding the site it is concluded that the permitted operations at and in the wider site area are unlikely to have caused a detrimental impact on the quality of the land at the site taking into account the wider industrial land use of the area.
17. Based on a review of the historic pollution incidents at and in the vicinity of the site it is concluded that the pollution incidents recorded were either insufficiently severe or have occurred at too greater distance from the site or too long ago to have caused a deterioration in the quality of the land at the site which may persist at the present time.
18. It is concluded that the site is not in a sensitive location with respect to groundwater receptors. Waste handling operations at the site are the subject of an environmental permit hence any emissions to nearby Redwither Brook is regulated by Natural Resources Wales.
19. It is therefore concluded that there is no significant risk that the quality of the land at the site poses a significant risk to site users or off-site receptors. It is concluded also that there is no significant risk that the proposed construction and operation of the new maintenance and office buildings at the site will mobilise or disturb contamination in the ground at the site which may pose an unacceptable risk to the site or elsewhere. Further assessment of the risks posed as a result of the development due to land contamination and further site investigation works are therefore not necessary.

I trust that the information in this letter is of assistance to you. Should you have any queries please do not hesitate to contact me

Yours sincerely

A handwritten signature in black ink that reads "C Greenwood". The signature is fluid and cursive, with a large initial "C" and a period at the end.

Chris Greenwood | BSc MSc CGeol FGS
Principal Consultant

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Annex I to the letter to Peter Miller dated 22 August 2021

Groundsure Environ + Geo Report



ASH WASTE SERVICES LTD, WREXHAM RECYCLING CENTRE, REDWITHER ROAD, WREXHAM INDUSTRIAL ESTATE, WREXHAM, LL13 9RD

Order Details

Date: 22/07/2021
Your ref: OE0848
Our Ref: HMD-188-8063899
Client: Oaktree Environmental Ltd

Site Details

Location: 338314 349395
Area: 0.46 ha
Authority: [Wrexham - Wrexham County Borough Council](#)



Summary of findings

p. 2

Aerial image

p. 8

OS MasterMap site plan

p.13

groundsure.com/insightuserguide

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
14	1.1	<u>Historical industrial land uses</u>	4	5	14	25	-
16	1.2	<u>Historical tanks</u>	0	2	8	11	-
17	1.3	<u>Historical energy features</u>	0	0	7	16	-
19	1.4	Historical petrol stations	0	0	0	0	-
19	1.5	Historical garages	0	0	0	0	-
19	1.6	<u>Historical military land</u>	1	0	0	0	-
Page	Section	Past land use - un-grouped	On site	0-50m	50-250m	250-500m	500-2000m
20	2.1	<u>Historical industrial land uses</u>	4	5	15	27	-
22	2.2	<u>Historical tanks</u>	0	5	18	31	-
25	2.3	<u>Historical energy features</u>	0	0	25	23	-
27	2.4	Historical petrol stations	0	0	0	0	-
27	2.5	Historical garages	0	0	0	0	-
Page	Section	Waste and landfill	On site	0-50m	50-250m	250-500m	500-2000m
28	3.1	<u>Active or recent landfill</u>	0	0	0	2	-
29	3.2	Historical landfill (BGS records)	0	0	0	0	-
29	3.3	Historical landfill (LA/mapping records)	0	0	0	0	-
29	3.4	<u>Historical landfill (EA/NRW records)</u>	0	0	0	4	-
30	3.5	<u>Historical waste sites</u>	2	2	0	1	-
32	3.6	<u>Licensed waste sites</u>	3	19	14	53	-
55	3.7	<u>Waste exemptions</u>	0	0	9	3	-
Page	Section	Current industrial land use	On site	0-50m	50-250m	250-500m	500-2000m
58	4.1	<u>Recent industrial land uses</u>	3	0	21	-	-
60	4.2	Current or recent petrol stations	0	0	0	0	-
60	4.3	Electricity cables	0	0	0	0	-
60	4.4	Gas pipelines	0	0	0	0	-
61	4.5	Sites determined as Contaminated Land	0	0	0	0	-



61	4.6	Control of Major Accident Hazards (COMAH)	0	0	0	0	-
61	4.7	Regulated explosive sites	0	0	0	0	-
61	4.8	Hazardous substance storage/usage	0	0	0	0	-
61	4.9	<u>Historical licensed industrial activities (IPC)</u>	0	0	0	2	-
62	4.10	<u>Licensed industrial activities (Part A(1))</u>	0	0	5	29	-
68	4.11	<u>Licensed pollutant release (Part A(2)/B)</u>	0	0	2	5	-
69	4.12	<u>Radioactive Substance Authorisations</u>	0	0	0	4	-
70	4.13	<u>Licensed Discharges to controlled waters</u>	0	0	3	15	-
73	4.14	Pollutant release to surface waters (Red List)	0	0	0	0	-
73	4.15	Pollutant release to public sewer	0	0	0	0	-
73	4.16	List 1 Dangerous Substances	0	0	0	0	-
73	4.17	<u>List 2 Dangerous Substances</u>	0	0	1	1	-
74	4.18	<u>Pollution Incidents (EA/NRW)</u>	4	9	33	12	-
80	4.19	Pollution inventory substances	0	0	0	0	-
80	4.20	Pollution inventory waste transfers	0	0	0	0	-
80	4.21	Pollution inventory radioactive waste	0	0	0	0	-
Page	Section	Hydrogeology	On site	0-50m	50-250m	250-500m	500-2000m
81	5.1	<u>Superficial aquifer</u>	Identified (within 500m)				
83	5.2	<u>Bedrock aquifer</u>	Identified (within 500m)				
85	5.3	<u>Groundwater vulnerability</u>	Identified (within 50m)				
86	5.4	Groundwater vulnerability- soluble rock risk	None (within 0m)				
86	5.5	Groundwater vulnerability- local information	None (within 0m)				
87	5.6	<u>Groundwater abstractions</u>	0	0	3	7	1
90	5.7	<u>Surface water abstractions</u>	0	0	0	0	1
90	5.8	Potable abstractions	0	0	0	0	0
91	5.9	<u>Source Protection Zones</u>	0	1	2	0	-
91	5.10	Source Protection Zones (confined aquifer)	0	0	0	0	-
Page	Section	Hydrology	On site	0-50m	50-250m	250-500m	500-2000m
92	6.1	<u>Water Network (OS MasterMap)</u>	0	2	12	-	-



94	6.2	<u>Surface water features</u>	0	2	7	-	-
94	6.3	<u>WFD Surface water body catchments</u>	1	-	-	-	-
94	6.4	<u>WFD Surface water bodies</u>	0	0	0	-	-
95	6.5	<u>WFD Groundwater bodies</u>	2	-	-	-	-
Page	Section	River and coastal flooding	On site	0-50m	50-250m	250-500m	500-2000m
96	7.1	<u>Risk of Flooding from Rivers and Sea (RoFRaS)</u>	High (within 50m)				
97	7.2	Historical Flood Events	0	0	0	-	-
97	7.3	Flood Defences	0	0	0	-	-
97	7.4	Areas Benefiting from Flood Defences	0	0	0	-	-
97	7.5	Flood Storage Areas	0	0	0	-	-
98	7.6	<u>Flood Zone 2</u>	Identified (within 50m)				
99	7.7	<u>Flood Zone 3</u>	Identified (within 50m)				
Page	Section	Surface water flooding					
100	8.1	<u>Surface water flooding</u>	1 in 30 year, 0.1m - 0.3m (within 50m)				
Page	Section	Groundwater flooding					
102	9.1	<u>Groundwater flooding</u>	Low (within 50m)				
Page	Section	Environmental designations	On site	0-50m	50-250m	250-500m	500-2000m
103	10.1	Sites of Special Scientific Interest (SSSI)	0	0	0	0	0
104	10.2	Conserved wetland sites (Ramsar sites)	0	0	0	0	0
104	10.3	Special Areas of Conservation (SAC)	0	0	0	0	0
104	10.4	Special Protection Areas (SPA)	0	0	0	0	0
104	10.5	National Nature Reserves (NNR)	0	0	0	0	0
105	10.6	Local Nature Reserves (LNR)	0	0	0	0	0
105	10.7	<u>Designated Ancient Woodland</u>	0	0	0	0	14
106	10.8	Biosphere Reserves	0	0	0	0	0
106	10.9	Forest Parks	0	0	0	0	0
106	10.10	Marine Conservation Zones	0	0	0	0	0
106	10.11	Green Belt	0	0	0	0	0
106	10.12	Proposed Ramsar sites	0	0	0	0	0



107	10.13	Possible Special Areas of Conservation (pSAC)	0	0	0	0	0
107	10.14	Potential Special Protection Areas (pSPA)	0	0	0	0	0
107	10.15	Nitrate Sensitive Areas	0	0	0	0	0
107	10.16	Nitrate Vulnerable Zones	0	0	0	0	0
108	10.17	<u>SSSI Impact Risk Zones</u>	1	-	-	-	-
109	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
110	11.1	World Heritage Sites	0	0	0	-	-
110	11.2	Area of Outstanding Natural Beauty	0	0	0	-	-
110	11.3	National Parks	0	0	0	-	-
110	11.4	Listed Buildings	0	0	0	-	-
111	11.5	Conservation Areas	0	0	0	-	-
111	11.6	Scheduled Ancient Monuments	0	0	0	-	-
111	11.7	Registered Parks and Gardens	0	0	0	-	-
Page	Section	Agricultural designations	On site	0-50m	50-250m	250-500m	500-2000m
112	12.1	<u>Agricultural Land Classification</u>	Grade 3a (within 250m)				
113	12.2	Open Access Land	0	0	0	-	-
113	12.3	Tree Felling Licences	0	0	0	-	-
113	12.4	Environmental Stewardship Schemes	0	0	0	-	-
113	12.5	Countryside Stewardship Schemes	0	0	0	-	-
Page	Section	Habitat designations	On site	0-50m	50-250m	250-500m	500-2000m
114	13.1	Priority Habitat Inventory	0	0	0	-	-
114	13.2	Habitat Networks	0	0	0	-	-
114	13.3	Open Mosaic Habitat	0	0	0	-	-
114	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
115	14.1	<u>10k Availability</u>	Identified (within 500m)				
116	14.2	<u>Artificial and made ground (10k)</u>	1	0	1	1	-
117	14.3	<u>Superficial geology (10k)</u>	2	0	0	1	-

118	14.4	Landslip (10k)	0	0	0	0	-
119	14.5	<u>Bedrock geology (10k)</u>	1	0	1	0	-
120	14.6	Bedrock faults and other linear features (10k)	0	0	0	0	-
Page	Section	Geology 1:50,000 scale	On site	0-50m	50-250m	250-500m	500-2000m
121	15.1	<u>50k Availability</u>	Identified (within 500m)				
122	15.2	<u>Artificial and made ground (50k)</u>	1	0	1	1	-
123	15.3	<u>Artificial ground permeability (50k)</u>	1	0	-	-	-
124	15.4	<u>Superficial geology (50k)</u>	2	0	2	4	-
125	15.5	<u>Superficial permeability (50k)</u>	Identified (within 50m)				
125	15.6	Landslip (50k)	0	0	0	0	-
125	15.7	Landslip permeability (50k)	None (within 50m)				
126	15.8	<u>Bedrock geology (50k)</u>	1	0	3	0	-
127	15.9	<u>Bedrock permeability (50k)</u>	Identified (within 50m)				
127	15.10	Bedrock faults and other linear features (50k)	0	0	0	0	-
Page	Section	Boreholes	On site	0-50m	50-250m	250-500m	500-2000m
128	16.1	<u>BGS Boreholes</u>	0	2	16	-	-
Page	Section	Natural ground subsidence					
130	17.1	<u>Shrink swell clays</u>	Very low (within 50m)				
131	17.2	<u>Running sands</u>	Negligible (within 50m)				
132	17.3	<u>Compressible deposits</u>	Negligible (within 50m)				
133	17.4	<u>Collapsible deposits</u>	Very low (within 50m)				
134	17.5	<u>Landslides</u>	Very low (within 50m)				
135	17.6	<u>Ground dissolution of soluble rocks</u>	Negligible (within 50m)				
Page	Section	Mining, ground workings and natural cavities	On site	0-50m	50-250m	250-500m	500-2000m
137	18.1	Natural cavities	0	0	0	0	-
138	18.2	BritPits	0	0	0	0	-
138	18.3	<u>Surface ground workings</u>	0	0	9	-	-
138	18.4	Underground workings	0	0	0	0	0
139	18.5	Historical Mineral Planning Areas	0	0	0	0	-



139	18.6	Non-coal mining	0	0	0	0	0
139	18.7	Mining cavities	0	0	0	0	0
139	18.8	JPB mining areas	None (within 0m)				
139	18.9	Coal mining	None (within 0m)				
140	18.10	Brine areas	None (within 0m)				
140	18.11	Gypsum areas	None (within 0m)				
140	18.12	Tin mining	None (within 0m)				
140	18.13	Clay mining	None (within 0m)				
Page	Section	Radon					
141	19.1	<u>Radon</u>	Between 5% and 10% (within 0m)				
Page	Section	Soil chemistry	On site	0-50m	50-250m	250-500m	500-2000m
142	20.1	<u>BGS Estimated Background Soil Chemistry</u>	2	1	-	-	-
142	20.2	BGS Estimated Urban Soil Chemistry	0	0	-	-	-
142	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
143	21.1	Underground railways (London)	0	0	0	-	-
143	21.2	Underground railways (Non-London)	0	0	0	-	-
143	21.3	Railway tunnels	0	0	0	-	-
143	21.4	Historical railway and tunnel features	0	0	0	-	-
143	21.5	Royal Mail tunnels	0	0	0	-	-
144	21.6	Historical railways	0	0	0	-	-
144	21.7	Railways	0	0	0	-	-
144	21.8	Crossrail 1	0	0	0	0	-
144	21.9	Crossrail 2	0	0	0	0	-
144	21.10	HS2	0	0	0	0	-

Recent aerial photograph



Aerial photography supplied by Getmapping PLC. © Copyright Getmapping PLC 2021. All Rights Reserved.

Capture Date: 10/04/2020

Site Area: 0.46ha



Recent site history - 2017 aerial photograph



Capture Date: 07/05/2017

Site Area: 0.46ha



Recent site history - 2009 aerial photograph



Capture Date: 01/06/2009

Site Area: 0.46ha



Recent site history - 2003 aerial photograph



Capture Date: 04/08/2003

Site Area: 0.46ha



Recent site history - 2000 aerial photograph



Capture Date: 04/09/2000

Site Area: 0.46ha

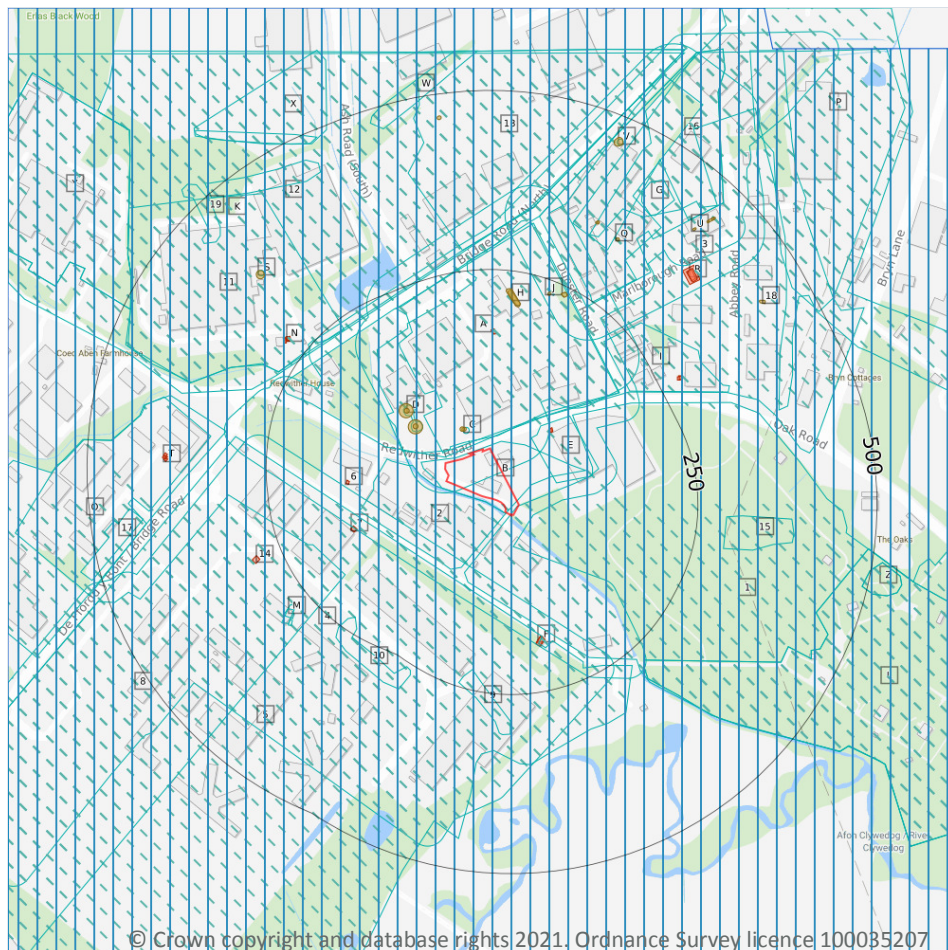


OS MasterMap site plan



Site Area: 0.46ha

1 Past land use



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

1.1 Historical industrial land uses

Records within 500m

48

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 14**

ID	Location	Land use	Dates present	Group ID
1	On site	Unspecified Commercial/Industrial	1964	981597



ID	Location	Land use	Dates present	Group ID
A	On site	Unspecified Disused Works	1964	813337
A	On site	Industrial Estate	1992	844663
B	On site	Unspecified Works	1977	957786
2	2m SW	Unspecified Works	1977	954267
3	8m N	Industrial Estate	1964	844693
A	14m N	Unspecified Commercial/Industrial	1992	796432
A	15m N	Unspecified Works	1977	829798
C	28m N	Unspecified Tank	1992	823837
D	58m NW	Unspecified Tanks	1949	814863
E	58m NE	Unspecified Works	1992	855339
4	83m SW	Unspecified Commercial/Industrial	1992	890838
5	109m SW	Unspecified Commercial/Industrial	1964 - 1977	978415
8	192m SW	Unspecified Factory	1977	821290
G	193m NE	Unspecified Depot	1977	818116
I	210m NE	Unspecified Works	1977	829797
9	222m S	Unspecified Heap	1977	802650
10	228m SW	Unspecified Heaps	1977	831178
K	232m NW	Unspecified Commercial/Industrial	1964	883869
11	234m NW	Unspecified Commercial/Industrial	1992	872439
12	235m NW	Unspecified Commercial/Industrial	1977	938680
G	239m NE	Unspecified Works	1964	829796
G	249m NE	Unspecified Commercial/Industrial	1992	796433
L	273m SE	Unspecified Commercial/Industrial	1992	868869
L	273m SE	Unspecified Commercial/Industrial	1977	937201
M	273m SW	Smithy	1898	979456
M	279m SW	Smithy	1938	944230
13	279m N	Unspecified Works	1977	829794
M	290m SW	Smithy	1909	951481



ID	Location	Land use	Dates present	Group ID
15	290m E	Unspecified Pit	1964	838779
O	309m W	Unspecified Works	1992	963484
16	322m NE	Railway Sidings	1964	924662
P	330m NE	Railway Sidings	1949	880775
O	330m W	Unspecified Works	1964 - 1977	846472
S	366m NW	Unspecified Tank	1992	823836
G	395m NE	Unspecified Heap	1964	802656
17	426m W	Unspecified Works	1977	867757
K	439m NW	Unspecified Heap	1992	802663
19	445m NW	Unspecified Ground Workings	1977	799055
V	460m NE	Unspecified Tank	1992	823838
W	468m N	Unspecified Heap	1992	802658
P	478m NE	Railway Sidings	1964	939160
X	483m NW	Unspecified Heap	1977	802662
X	485m NW	Unspecified Ground Workings	1964	799056
Y	489m NW	Unspecified Workshop	1977	880838
Y	489m NW	Unspecified Workshop	1992	910726
Z	493m E	Unspecified Heap	1992	932431
Z	493m E	Unspecified Heap	1964 - 1977	948945

This data is sourced from Ordnance Survey / Groundsure.

1.2 Historical tanks

Records within 500m

21

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 14**



ID	Location	Land use	Dates present	Group ID
C	32m N	Unspecified Tank	1991 - 1994	122354
C	32m N	Unspecified Tank	1988 - 1990	122735
D	56m NW	Unspecified Tank	1982	133045
D	63m NW	Unspecified Tank	1959 - 1971	125928
D	82m NW	Unspecified Tank	1982	143982
D	88m NW	Unspecified Tank	1959 - 1971	147860
H	201m N	Tanks	1994	146105
H	203m N	Tanks	1988 - 1991	123787
J	229m N	Unspecified Tank	1971 - 1988	124306
J	235m NE	Unspecified Tank	1989 - 1994	126184
Q	340m NE	Unspecified Tank	1971	110696
Q	347m NE	Unspecified Tank	1982 - 1991	147079
Q	348m NE	Unspecified Tank	1971	125440
S	363m NW	Unspecified Tank	1982 - 1994	146128
U	416m NE	Unspecified Tank	1959 - 1988	126212
18	428m NE	Tanks	1959	104978
U	437m NE	Unspecified Tank	1982 - 1988	144192
U	439m NE	Tanks	1959 - 1971	143693
U	445m NE	Unspecified Tank	1982 - 1988	124221
V	458m NE	Unspecified Tank	1989 - 1994	139355
W	464m N	Unspecified Tank	1959 - 1982	127284

This data is sourced from Ordnance Survey / Groundsure.

1.3 Historical energy features

Records within 500m

23

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 14**

ID	Location	Land use	Dates present	Group ID
E	85m NE	Electricity Substation	1982 - 1990	74223
E	85m NE	Electricity Substation	1991 - 1994	74613
6	135m W	Electricity Substation	1982 - 1994	83924
7	142m SW	Electricity Substation	1994	60163
A	160m N	Electricity Substation	1988 - 1994	76174
F	173m S	Electricity Substation	1994	75615
F	174m S	Electricity Substation	1971 - 1991	83311
N	275m NW	Electricity Substation	1991	70295
I	276m NE	Electricity Substation	1990 - 1994	70350
N	277m NW	Electricity Substation	1994	79594
N	277m NW	Electricity Substation	1989	69496
N	277m NW	Electricity Substation	1990	70549
N	279m NW	Electricity Substation	1988	77483
N	279m NW	Electricity Substation	1982	82314
I	279m NE	Electricity Substation	1991	64940
14	282m SW	Electricity Substation	1991 - 1993	73843
R	361m NE	Electricity Substation	1991	83408
R	366m NE	Electricity Substation	1982 - 1990	65375
R	366m NE	Electricity Substation	1971 - 1994	69723
T	387m W	Electricity Substation	1993	74237
T	388m W	Electricity Substation	1983	71287
T	388m W	Electricity Substation	1994	82455
T	390m W	Electricity Substation	1986 - 1991	81386

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

1

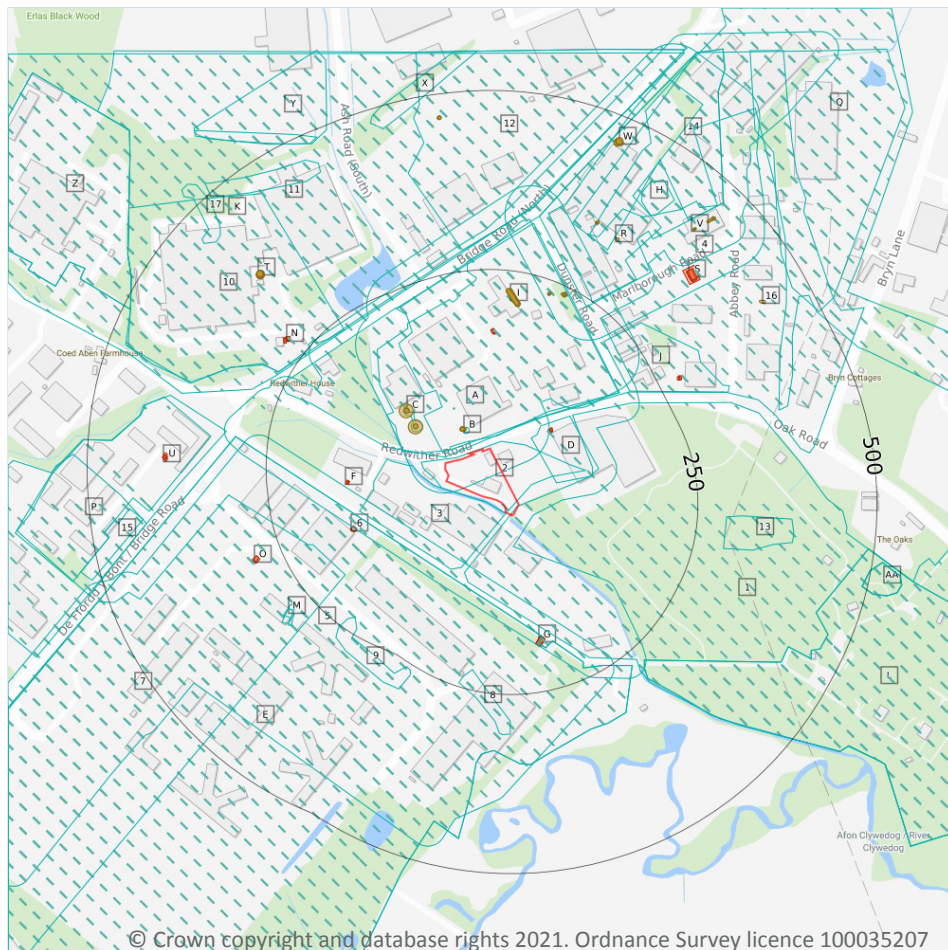
Areas of military land digitised from multiple sources including the National Archives, local records, MOD records and verified other sources, intelligently grouped into contiguous features.

Features are displayed on the Past land use map on **page 14**

ID	Location	Site Name	Date of Operation	Activities
B	On site	ROF Wrexham	c.1938 - 1988	c. WW2: Produced cordite,; post WW2: Cordite production ceased in 1945 and the area was used as an industrial estate by the Welsh Development Agency to boost the local economy; Explosives Factory

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

51

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 20**

ID	Location	Land Use	Date	Group ID
1	On site	Unspecified Commercial/Industrial	1964	981597
2	On site	Unspecified Works	1977	957786
A	On site	Industrial Estate	1992	844663

ID	Location	Land Use	Date	Group ID
A	On site	Unspecified Disused Works	1964	813337
3	2m SW	Unspecified Works	1977	954267
4	8m N	Industrial Estate	1964	844693
A	14m N	Unspecified Commercial/Industrial	1992	796432
A	15m N	Unspecified Works	1977	829798
B	28m N	Unspecified Tank	1992	823837
C	58m NW	Unspecified Tanks	1949	814863
D	58m NE	Unspecified Works	1992	855339
5	83m SW	Unspecified Commercial/Industrial	1992	890838
E	109m SW	Unspecified Commercial/Industrial	1977	978415
E	109m SW	Unspecified Commercial/Industrial	1964	978415
7	192m SW	Unspecified Factory	1977	821290
H	193m NE	Unspecified Depot	1977	818116
J	210m NE	Unspecified Works	1977	829797
8	222m S	Unspecified Heap	1977	802650
9	228m SW	Unspecified Heaps	1977	831178
K	232m NW	Unspecified Commercial/Industrial	1964	883869
10	234m NW	Unspecified Commercial/Industrial	1992	872439
11	235m NW	Unspecified Commercial/Industrial	1977	938680
H	239m NE	Unspecified Works	1964	829796
H	249m NE	Unspecified Commercial/Industrial	1992	796433
L	273m SE	Unspecified Commercial/Industrial	1977	937201
L	273m SE	Unspecified Commercial/Industrial	1992	868869
M	273m SW	Smithy	1898	979456
M	279m SW	Smithy	1938	944230
12	279m N	Unspecified Works	1977	829794
M	290m SW	Smithy	1909	951481
13	290m E	Unspecified Pit	1964	838779

ID	Location	Land Use	Date	Group ID
P	309m W	Unspecified Works	1992	963484
14	322m NE	Railway Sidings	1964	924662
Q	330m NE	Railway Sidings	1949	880775
P	330m W	Unspecified Works	1977	846472
T	366m NW	Unspecified Tank	1992	823836
H	395m NE	Unspecified Heap	1964	802656
P	423m W	Unspecified Works	1964	846472
15	426m W	Unspecified Works	1977	867757
K	439m NW	Unspecified Heap	1992	802663
17	445m NW	Unspecified Ground Workings	1977	799055
W	460m NE	Unspecified Tank	1992	823838
X	468m N	Unspecified Heap	1992	802658
Q	478m NE	Railway Sidings	1964	939160
Y	483m NW	Unspecified Heap	1977	802662
Y	485m NW	Unspecified Ground Workings	1964	799056
Z	489m NW	Unspecified Workshop	1977	880838
Z	489m NW	Unspecified Workshop	1992	910726
AA	493m E	Unspecified Heap	1977	948945
AA	493m E	Unspecified Heap	1992	932431
AA	493m E	Unspecified Heap	1964	948945

This data is sourced from Ordnance Survey / Groundsure.

2.2 Historical tanks

Records within 500m

54

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 20**



ID	Location	Land Use	Date	Group ID
B	32m N	Unspecified Tank	1991	122354
B	32m N	Unspecified Tank	1994	122354
B	32m N	Unspecified Tank	1988	122735
B	32m N	Unspecified Tank	1989	122735
B	32m N	Unspecified Tank	1990	122735
C	56m NW	Unspecified Tank	1982	133045
C	63m NW	Unspecified Tank	1959	125928
C	63m NW	Unspecified Tank	1971	125928
C	82m NW	Unspecified Tank	1982	143982
C	88m NW	Unspecified Tank	1959	147860
C	88m NW	Unspecified Tank	1971	147860
I	201m N	Tanks	1994	146105
I	203m N	Tanks	1991	123787
I	203m N	Tanks	1988	123787
I	203m N	Tanks	1989	123787
I	203m N	Tanks	1990	123787
I	229m N	Unspecified Tank	1982	124306
I	229m N	Unspecified Tank	1988	124306
I	230m N	Unspecified Tank	1971	124306
I	235m NE	Unspecified Tank	1994	126184
I	235m NE	Unspecified Tank	1989	126184
I	235m NE	Unspecified Tank	1990	126184
I	237m NE	Unspecified Tank	1991	126184
R	340m NE	Unspecified Tank	1971	110696
R	347m NE	Unspecified Tank	1982	147079
R	347m NE	Unspecified Tank	1988	147079
R	347m NE	Unspecified Tank	1989	147079
R	347m NE	Unspecified Tank	1990	147079

ID	Location	Land Use	Date	Group ID
R	347m NE	Unspecified Tank	1991	147079
R	348m NE	Unspecified Tank	1971	125440
T	363m NW	Unspecified Tank	1993	146128
T	363m NW	Unspecified Tank	1994	146128
T	364m NW	Unspecified Tank	1983	146128
T	366m NW	Unspecified Tank	1982	146128
T	366m NW	Unspecified Tank	1986	146128
T	366m NW	Unspecified Tank	1991	146128
V	416m NE	Unspecified Tank	1982	126212
V	416m NE	Unspecified Tank	1988	126212
V	418m NE	Unspecified Tank	1959	126212
V	418m NE	Unspecified Tank	1971	126212
16	428m NE	Tanks	1959	104978
V	437m NE	Unspecified Tank	1982	144192
V	437m NE	Unspecified Tank	1988	144192
V	439m NE	Tanks	1959	143693
V	439m NE	Tanks	1971	143693
V	445m NE	Unspecified Tank	1982	124221
V	445m NE	Unspecified Tank	1988	124221
W	458m NE	Unspecified Tank	1989	139355
W	458m NE	Unspecified Tank	1990	139355
W	459m NE	Unspecified Tank	1991	139355
W	461m NE	Unspecified Tank	1994	139355
X	464m N	Unspecified Tank	1982	127284
X	465m N	Unspecified Tank	1959	127284
X	465m N	Unspecified Tank	1971	127284

This data is sourced from Ordnance Survey / Groundsure.



2.3 Historical energy features

Records within 500m

48

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 20**

ID	Location	Land Use	Date	Group ID
D	85m NE	Electricity Substation	1982	74223
D	85m NE	Electricity Substation	1988	74223
D	85m NE	Electricity Substation	1989	74223
D	85m NE	Electricity Substation	1990	74223
D	85m NE	Electricity Substation	1991	74613
D	87m NE	Electricity Substation	1994	74613
F	135m W	Electricity Substation	1994	83924
F	135m W	Electricity Substation	1982	83924
F	135m W	Electricity Substation	1988	83924
F	135m W	Electricity Substation	1989	83924
F	135m W	Electricity Substation	1990	83924
F	135m W	Electricity Substation	1991	83924
6	142m SW	Electricity Substation	1994	60163
A	160m N	Electricity Substation	1994	76174
A	160m N	Electricity Substation	1991	76174
A	161m N	Electricity Substation	1988	76174
A	161m N	Electricity Substation	1989	76174
A	161m N	Electricity Substation	1990	76174
G	173m S	Electricity Substation	1994	75615
G	174m S	Electricity Substation	1971	83311
G	174m S	Electricity Substation	1991	83311
G	174m S	Electricity Substation	1982	83311
G	174m S	Electricity Substation	1988	83311



ID	Location	Land Use	Date	Group ID
G	174m S	Electricity Substation	1989	83311
G	174m S	Electricity Substation	1990	83311
N	275m NW	Electricity Substation	1991	70295
J	276m NE	Electricity Substation	1990	70350
N	277m NW	Electricity Substation	1994	79594
N	277m NW	Electricity Substation	1989	69496
N	277m NW	Electricity Substation	1990	70549
J	279m NE	Electricity Substation	1994	70350
N	279m NW	Electricity Substation	1982	82314
N	279m NW	Electricity Substation	1988	77483
J	279m NE	Electricity Substation	1991	64940
O	282m SW	Electricity Substation	1993	73843
O	283m W	Electricity Substation	1991	73843
S	361m NE	Electricity Substation	1991	83408
S	366m NE	Electricity Substation	1994	69723
S	366m NE	Electricity Substation	1982	65375
S	366m NE	Electricity Substation	1988	65375
S	366m NE	Electricity Substation	1989	65375
S	366m NE	Electricity Substation	1990	65375
S	367m NE	Electricity Substation	1971	69723
U	387m W	Electricity Substation	1993	74237
U	388m W	Electricity Substation	1983	71287
U	388m W	Electricity Substation	1994	82455
U	390m W	Electricity Substation	1986	81386
U	390m W	Electricity Substation	1991	81386

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

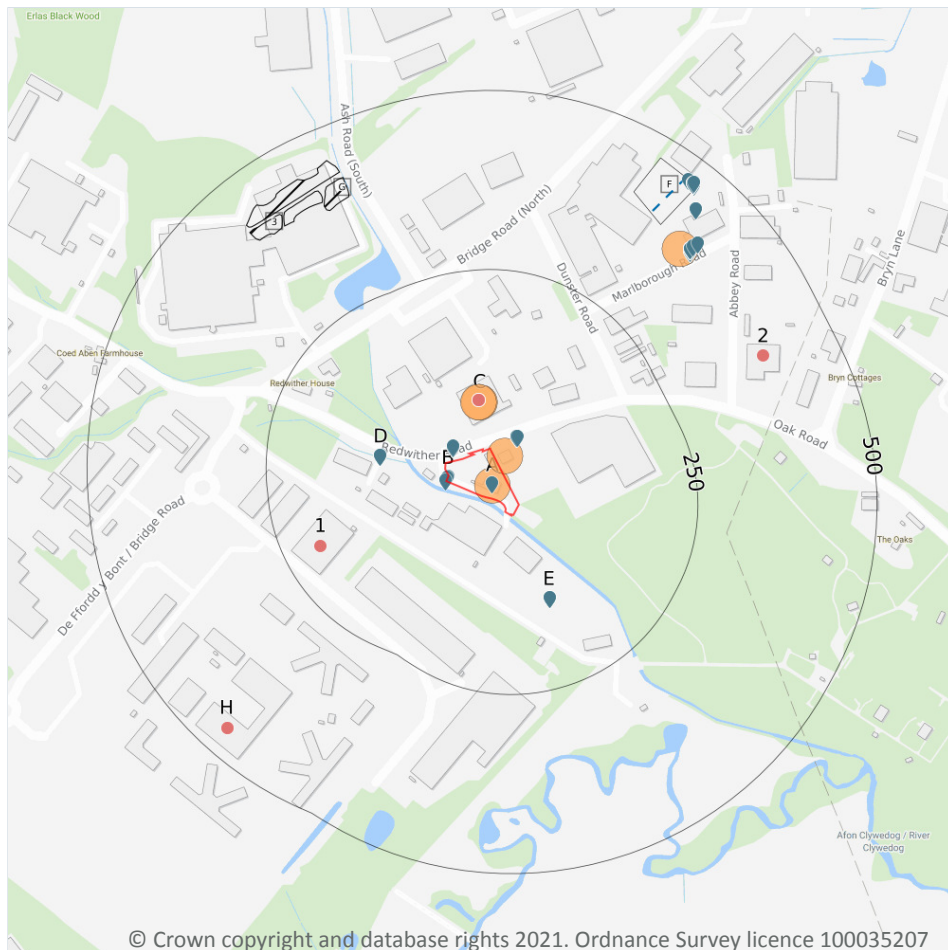
Records within 500m

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)
- Active or recent landfill
- Historical landfill (EA/NRW)
- Historical waste sites
- Licensed waste sites
- Waste exemptions

3.1 Active or recent landfill

Records within 500m

2

Active or recently closed landfill sites under Environment Agency/Natural Resources Wales regulation. Features are displayed on the Waste and landfill map on **page 28**

ID	Location	Details	
F	392m NE	Operator: Welsh Assembly Government Site Address: Marlborough Road, Wrexham Ind Est, Wrexham, Clwyd, LL13 9RJ	WML Number: 37009 EPR Reference: WDA001 Landfill type: A2 : Other Landfill Site taking Special Waste Status: Closure IPPC Reference: - EPR Number: EAEPR\EA\EPR/BP3394FH/A001



ID	Location	Details	
F	392m NE	Operator: Welsh Assembly Government Site Address: Marlborough Road, Wrexham Ind Est, Wrexham, Clwyd, LL13 9RJ	WML Number: 37011 EPR Reference: WDA002 Landfill type: A2 : Other Landfill Site taking Special Waste Status: Closure IPPC Reference: - EPR Number: EAEPR\EA/EPR/BP3994FJ/A001

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

3.2 Historical landfill (BGS records)

Records within 500m	0
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Landfill sites identified on a survey carried out on behalf of the DoE in 1973. These sites may have been closed or operational at this time.

This data is sourced from the British Geological Survey.

3.3 Historical landfill (LA/mapping records)

Records within 500m	0
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Landfill sites identified from Local Authority records and high detail historical mapping.

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

3.4 Historical landfill (EA/NRW records)

Records within 500m	4
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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 28**

ID	Location	Details		
G	387m NW	Site Address: British Celanese Licence Holder Address: -	Waste Licence: Yes Site Reference: LB/2.3 Waste Type: Industrial, Liquid sludge Environmental Permitting Regulations (Waste) Reference: - Licence Issue: - Licence Surrender: -	Operator: - Licence Holder: British Celanese Limited First Recorded 31/12/1953 Last Recorded: 31/12/1983

ID	Location	Details		
G	398m NW	Site Address: British Celanese Licence Holder Address: -	Waste Licence: Yes Site Reference: LB/2.3 Waste Type: Industrial, Liquid sludge Environmental Permitting Regulations (Waste) Reference: - Licence Issue: - Licence Surrender: -	Operator: - Licence Holder: British Celanese Limited First Recorded 31/12/1953 Last Recorded: 31/12/1983
3	399m NW	Site Address: British Celanese Licence Holder Address: -	Waste Licence: Yes Site Reference: LB/2.3 Waste Type: Industrial, Liquid sludge Environmental Permitting Regulations (Waste) Reference: - Licence Issue: - Licence Surrender: -	Operator: - Licence Holder: British Celanese Limited First Recorded 31/12/1953 Last Recorded: 31/12/1983
G	422m NW	Site Address: British Celanese Licence Holder Address: -	Waste Licence: Yes Site Reference: LB/2.3 Waste Type: Industrial, Liquid sludge Environmental Permitting Regulations (Waste) Reference: - Licence Issue: - Licence Surrender: -	Operator: - Licence Holder: British Celanese Limited First Recorded 31/12/1953 Last Recorded: 31/12/1983

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

3.5 Historical waste sites

Records within 500m	5
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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 28**

ID	Location	Address	Further Details	Date
A	On site	Site Address: Wrexham Recycling Centre, Redwither Road, Alan's Skip, Hire (Wales) Ltd, Wrexham, WREXHAM, Clwyd, LL13 9RD	Type of Site: Waste Transfer Station Planning application reference: P/2007/1098 Description: Scheme comprises waste sorting, segregation recycling, reprocessing and product storage/waste transfer and landscaping. Construction - planting site works. An application (ref: P/2007/1098) for detailed planning permission was submitted to Wrexham B.C Data source: Historic Planning Application Data Type: Point	-

ID	Location	Address	Further Details	Date
A	On site	Site Address: Unit 2, Redwither Road, Wrexham Industrial Estate, WREXHAM, Clwyd, LL13 9RD	Type of Site: Tyre Recycling Centre (Conversion) Planning application reference: P/2004/0617 Description: Scheme comprises conversion to tyre recycling centre. An application (ref: P/2004/0617) for Detailed Planning permission was submitted to Wrexham B.C. on 28th May 2004. Data source: Historic Planning Application Data Type: Point	-
C	41m N	Site Address: Redwither Road, Wrexham Industrial Estate, WREXHAM, Clwyd, LL13 9RD	Type of Site: Waste Transfer Station Planning application reference: CB3184 Description: Construction of a waste transfer station with associated access and car parking. Data source: Historic Planning Application Data Type: Point	01/07/1999
C	41m N	Site Address: Redwither Road, Wrexham Industrial Estate, WREXHAM, Clwyd, LL13 9RD	Type of Site: Asbestos Waste Transfer Station Planning application reference: P/00/0555 Description: Provision of a waste transfer station. Data source: Historic Planning Application Data Type: Point	-
F	359m NE	Site Address: Marlboough Road, Wrexham Industrial Estate, WREXHAM, Clwyd, LL13 9RJ	Type of Site: Waste Incineration Plant (Extension) Planning application reference: 20600 Description: Scheme comprises clinical waste incineration plant extension following demolition of existing offices and erection of a 3 storey block of offices adjoining the incineration plant building. Construction - steel cladding walls; metal cladding roof; roller shutter industrial doors; passenger lifts; steel frame, portal frame frame; pitched roof. Scheme comprises clinical waste incineration plant extension following demolition of existing offices and erection of a 3 storey block of offices adjoining the incineration plant building. An application (ref: 20600) for Detailed Planning permission was submitted to Wrexham B.C. on 4th August 1992. Data source: Historic Planning Application Data Type: Point	01/06/1996

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



3.6 Licensed waste sites

Records within 500m

89

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

Features are displayed on the Waste and landfill map on **page 28**

ID	Location	Details		
A	On site	Site Name: - Site Address: A S H Wrexham Recycling Centre, Wrexham Industrial Estate, Wrexham, Wrexham, LL13 9RD Correspondence Address: -	Type of Site: - Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: WP3094FB EPR reference: - Operator: Alan's Skip Hire (Wales) Ltd Waste Management licence No: 0 Annual Tonnage: 24999	Issue Date: 09/03/2000 Effective Date: 09/03/2000 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Effective
A	On site	Site Name: - Site Address: A S H Wrexham Recycling Centre, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9RD Correspondence Address: -	Type of Site: Household, Commercial & Industrial Waste T Stn Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: WP3094FB EPR reference: - Operator: - Waste Management licence No: 37211 Annual Tonnage: 24999	Issue Date: 09/03/2000 Effective Date: 09/03/2000 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Effective
B	On site	Site Name: A S H Wrexham Recycling Centre Site Address: Site One, Redwither Road, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9RD Correspondence Address: -	Type of Site: Household, Commercial & Industrial Waste T Stn Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: ALA002 EPR reference: WP3094FB/V Operator: Alan's Skip Hire (Wales) Ltd Waste Management licence No: 37211 Annual Tonnage: 0	Issue Date: 09/03/2000 Effective Date: 01/06/2005 Modified: 15/04/2015 Surrendered Date: 0 Expiry Date: 0 Cancelled Date: 0 Status: Modified



ID	Location	Details		
B	On site	Site Name: A S H Wrexham Recycling Centre Site Address: Site One, Redwither Road, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9RD Correspondence Address: -	Type of Site: Household, Commercial & Industrial Waste T Stn Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: ALA002 EPR reference: EA/EPR/WP3094FB/V002 Operator: Alan's Skip Hire (Wales) Ltd Waste Management licence No: 37211 Annual Tonnage: 24999	Issue Date: 09/03/2000 Effective Date: 01/06/2005 Modified: 22/03/2013 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified
B	On site	Site Name: Wrexham Recycling Centre Site Address: Site 1, Redwither Road, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9RD Correspondence Address: -	Type of Site: Household, Commercial & Industrial Waste T Stn Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: ALA002 EPR reference: WP3094FB/T003 Operator: Alan's Skip Hire (Wales) Ltd. Waste Management licence No: 37211 Annual Tonnage: 54196	Issue Date: 09/03/2000 Effective Date: 01/06/2005 Modified: 10/12/2003 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Transferred
B	2m SW	Site Name: Wrexham Recycling Centre Site Address: Site 1, Redwither Road, Wrexham Industrial Estate, Wrexham, LL13 9RD Correspondence Address: Site 1, Redwither Road, Wrexham Industrial Estate, Wrexham, LL13 9RD	Type of Site: Household, Commercial & Industrial Waste T Stn Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: AMR001 EPR reference: - Operator: Alpha Environmental Management Ltd Waste Management licence No: 37211 Annual Tonnage: 0	Issue Date: 09/03/2000 Effective Date: - Modified: 10/12/2003 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified



ID	Location	Details		
B	2m SW	Site Name: Wrexham Recycling Centre Site Address: Site 1, Redwither Road, Wrexham Industrial Estate, Wrexham, LL13 9RD Correspondence Address: Site 1, Redwither Road, Wrexham Industrial Estate, Wrexham, LL13 9RD	Type of Site: Household, Commercial & Industrial Waste T Stn Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: AMR001 EPR reference: - Operator: Alfa Environmental Management Ltd Waste Management licence No: 37211 Annual Tonnage: 0	Issue Date: 09/03/2000 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
B	17m N	Site Name: - Site Address: Entrec Ltd, Wrexham Industrial Estate, Wrexham, Wrexham, LL13 9RD Correspondence Address: -	Type of Site: - Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: YP3994FY EPR reference: - Operator: Entrec Ltd Waste Management licence No: 0 Annual Tonnage: 25000	Issue Date: 10/09/2004 Effective Date: 10/09/2004 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Effective
B	17m N	Site Name: Entrec Redwither Road Site Address: Land / Premises At, Redwither Road, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9RD Correspondence Address: -	Type of Site: Material Recycling Treatment Facility Size: >= 25000 tonnes 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: ENT002 EPR reference: EA/EPR/YP3994FY/A001 Operator: Entrec Ltd Waste Management licence No: 37267 Annual Tonnage: 25000	Issue Date: 08/09/2004 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
B	17m N	Site Name: Entrec Ltd Site Address: Entrec Ltd, Entrec Ltd, Wrexham Industrial Estate, Wrexham, LL13 9RD Correspondence Address: -	Type of Site: Metal Recycling Site (Vehicle Dismantler) Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: YP3994FY EPR reference: - Operator: Entrec Ltd Waste Management licence No: 37267 Annual Tonnage: 25000	Issue Date: 10/09/2004 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Effective



ID	Location	Details		
B	17m N	Site Name: - Site Address: - Correspondence Address: -	Type of Site: Metal Recycling Site (Vehicle Dismantler) Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: YP3994FY EPR reference: - Operator: - Waste Management licence No: 37267 Annual Tonnage: 25000	Issue Date: 10/09/2004 Effective Date: 10/09/2004 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Effective
B	17m N	Site Name: - Site Address: Entrec Ltd, Wrexham Industrial Estate, Wrexham, LL13 9RD Correspondence Address: -	Type of Site: Metal Recycling Site (Vehicle Dismantler) Size: - Environmental Permitting Regulations (Waste) Licence Number: YP3994FY EPR reference: - Operator: Entrec Ltd Waste Management licence No: 37267 Annual Tonnage: 25000	Issue Date: 10/09/2004 Effective Date: 10/09/2004 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Effective
B	17m N	Site Name: - Site Address: Entrec Ltd, Wrexham Industrial Estate, Wrexham, Wrexham, LL13 9RD Correspondence Address: -	Type of Site: - Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: YP3994FY EPR reference: - Operator: Entrec Ltd Waste Management licence No: 37267 Annual Tonnage: 25000	Issue Date: 10/09/2004 Effective Date: 10/09/2004 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Effective
B	17m N	Site Name: - Site Address: Entrec Ltd, Wrexham Industrial Estate, Wrexham, LL13 9RD Correspondence Address: -	Type of Site: Metal Recycling Site (Vehicle Dismantler) Size: - Environmental Permitting Regulations (Waste) Licence Number: YP3994FY EPR reference: - Operator: Entrec Ltd Waste Management licence No: 37267 Annual Tonnage: 25000	Issue Date: 02/12/2020 Effective Date: 02/12/2020 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Effective



ID	Location	Details		
B	18m N	Site Name: Entrec Ltd Site Address: Entrec Ltd, Redwither Road, Wrexham Industrial Estate, Wrexham, LL13 9RD Correspondence Address: -	Type of Site: Metal Recycling Site (Vehicle Dismantler) Size: >= 25000 tonnes 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: ENT002 EPR reference: YP3994FY/V003 Operator: Entrec Ltd Waste Management licence No: 37267 Annual Tonnage: 25000	Issue Date: 08/09/2004 Effective Date: - Modified: 07/05/2014 Surrendered Date: 0 Expiry Date: 0 Cancelled Date: 0 Status: Modified
A	38m E	Site Name: Bluestone Chemicals Ltd Site Address: Bluestone Chemicals, Redwither Rd, Wrexham Industrial Estate, Wrexham, LL13 9RD Correspondence Address: Bluestone Chemicals, Redwither Rd, Wrexham Industrial Estate, Wrexham, LL13 9RD	Type of Site: Chemical Treatment Facility Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: BLU003 EPR reference: - Operator: Bluestone Chemicals Ltd Waste Management licence No: 37094 Annual Tonnage: 0	Issue Date: 17/01/1994 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Expired
A	38m E	Site Name: - Site Address: Bluestone Chemicals Ltd, Wrexham Industrial Estate, Wrexham, Wrexham, LL13 9RD Correspondence Address: -	Type of Site: - Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: TP3594FK EPR reference: - Operator: Bluestone Chemicals Ltd Waste Management licence No: 0 Annual Tonnage: 0	Issue Date: 17/01/1994 Effective Date: 17/01/1994 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Expired
A	38m E	Site Name: - Site Address: Bluestone Chemicals Ltd, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9RD Correspondence Address: -	Type of Site: Chemical Treatment Facility Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: TP3594FK EPR reference: - Operator: - Waste Management licence No: 37094 Annual Tonnage: 0	Issue Date: 17/01/1994 Effective Date: 17/01/1994 Modified: - Surrendered Date: - Expiry Date: 13/09/1999 Cancelled Date: - Status: Expired



ID	Location	Details		
A	38m E	Site Name: - Site Address: Bluestone Chemicals Ltd, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9RD Correspondence Address: -	Type of Site: Chemical Treatment Facility Size: - Environmental Permitting Regulations (Waste) Licence Number: TP3594FK EPR reference: - Operator: Bluestone Chemicals Ltd Waste Management licence No: 37094 Annual Tonnage: 0	Issue Date: 17/01/1994 Effective Date: 17/01/1994 Modified: - Surrendered Date: - Expiry Date: 13/09/1999 Cancelled Date: - Status: Expired
A	38m E	Site Name: - Site Address: Bluestone Chemicals Ltd, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9RD Correspondence Address: -	Type of Site: Chemical Treatment Facility Size: - Environmental Permitting Regulations (Waste) Licence Number: TP3594FK EPR reference: - Operator: Bluestone Chemicals Ltd Waste Management licence No: 37094 Annual Tonnage: 0	Issue Date: 17/01/1994 Effective Date: 17/01/1994 Modified: - Surrendered Date: - Expiry Date: 13/09/1999 Cancelled Date: - Status: Expired
A	38m E	Site Name: - Site Address: Bluestone Chemicals Ltd, Wrexham Industrial Estate, Clwyd, Wrexham, Wrexham, LL13 9RD Correspondence Address: -	Type of Site: - Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: TP3594FK EPR reference: - Operator: Bluestone Chemicals Ltd Waste Management licence No: 37094 Annual Tonnage: 0	Issue Date: 17/01/1994 Effective Date: 17/01/1994 Modified: - Surrendered Date: - Expiry Date: 13/09/1999 Cancelled Date: - Status: Expired
A	39m E	Site Name: Bluestone Chemicals Ltd Site Address: Bluestone Chemicals, Redwither Rd, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9RD Correspondence Address: -	Type of Site: Chemical Treatment Facility Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: BLU003 EPR reference: TP3594FK/A001 Operator: Bluestone Chemicals Ltd Waste Management licence No: 37094 Annual Tonnage: 931	Issue Date: 17/01/1994 Effective Date: - Modified: - Surrendered Date: 0 Expiry Date: 0 Cancelled Date: 0 Status: Expired



ID	Location	Details		
D	91m W	Site Name: Redwither Road Transfer Station Site Address: Unit 1, Redwither Road, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9RD Correspondence Address: -	Type of Site: Special Waste Transfer Station Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: REY001 EPR reference: AP3394FT/V003 Operator: North Western Insulation Ltd Waste Management licence No: 37221 Annual Tonnage: 4999	Issue Date: 19/02/2001 Effective Date: - Modified: 17/03/2006 Surrendered Date: 0 Expiry Date: 0 Cancelled Date: 0 Status: Expired
D	92m W	Site Name: Redwither Road Transfer Station Site Address: Unit 1, Redwither Road, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9RD Correspondence Address: -	Type of Site: Special Waste Transfer Station Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: REY001 EPR reference: AP3394FT/V003 Operator: Reynolds Services North Western Insulation Ltd Waste Management licence No: 37221 Annual Tonnage: 4999	Issue Date: 19/02/2001 Effective Date: - Modified: 17/03/2006 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified
D	92m W	Site Name: - Site Address: Redwither Road Transfer Station, Unit 1, Wrexham Industrial Estate, Wrexham, Wrexham, LL13 9RD Correspondence Address: -	Type of Site: - Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: AP3394FT EPR reference: - Operator: North Western Insulation Ltd Waste Management licence No: 0 Annual Tonnage: 0	Issue Date: 19/02/2001 Effective Date: 19/02/2001 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Expired
D	92m W	Site Name: - Site Address: Redwither Road Transfer Station, Unit 1, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9RD Correspondence Address: -	Type of Site: Special Waste Transfer Station Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: AP3394FT EPR reference: - Operator: - Waste Management licence No: 37221 Annual Tonnage: 0	Issue Date: 19/02/2001 Effective Date: 19/02/2001 Modified: - Surrendered Date: - Expiry Date: 01/05/2012 Cancelled Date: - Status: Expired



ID	Location	Details		
D	92m W	Site Name: - Site Address: Redwither Road Transfer Station, Unit 1, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9RD Correspondence Address: -	Type of Site: Special Waste Transfer Station Size: - Environmental Permitting Regulations (Waste) Licence Number: AP3394FT EPR reference: - Operator: North Western Insulation Ltd Waste Management licence No: 37221 Annual Tonnage: 0	Issue Date: 19/02/2001 Effective Date: 19/02/2001 Modified: - Surrendered Date: - Expiry Date: 01/05/2012 Cancelled Date: - Status: Expired
D	92m W	Site Name: - Site Address: Redwither Road Transfer Station, Unit 1, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9RD Correspondence Address: -	Type of Site: Household, Commercial & Industrial Waste T Stn Size: - Environmental Permitting Regulations (Waste) Licence Number: AP3394FT EPR reference: - Operator: North Western Insulation Ltd Waste Management licence No: 37221 Annual Tonnage: 0	Issue Date: 19/02/2001 Effective Date: 19/02/2001 Modified: - Surrendered Date: - Expiry Date: 01/05/2012 Cancelled Date: - Status: Expired
D	92m W	Site Name: - Site Address: Redwither Road Transfer Station, Unit 1, Wrexham Industrial Estate, Clwyd, Wrexham, Wrexham, LL13 9RD Correspondence Address: -	Type of Site: - Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: AP3394FT EPR reference: - Operator: North Western Insulation Ltd Waste Management licence No: 37221 Annual Tonnage: 0	Issue Date: 19/02/2001 Effective Date: 19/02/2001 Modified: - Surrendered Date: - Expiry Date: 01/05/2012 Cancelled Date: - Status: Expired
D	92m W	Site Name: - Site Address: Redwither Road Transfer Station, Unit 1, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9RD Correspondence Address: -	Type of Site: Special Waste Transfer Station Size: - Environmental Permitting Regulations (Waste) Licence Number: AP3394FT EPR reference: - Operator: North Western Insulation Ltd Waste Management licence No: 37221 Annual Tonnage: 0	Issue Date: 19/02/2001 Effective Date: 19/02/2001 Modified: - Surrendered Date: - Expiry Date: 01/05/2012 Cancelled Date: - Status: Expired



ID	Location	Details		
E	127m SE	Site Name: - Site Address: ASH Wrexham Recycling Centre, Site One, Redwither Road, Wrexham Industrial Estate, Wrexham, LL13 9RD Correspondence Address: -	Type of Site: Household, Commercial & Industrial Waste T Stn Size: - Environmental Permitting Regulations (Waste) Licence Number: WP3094FB EPR reference: - Operator: Alan's Skip Hire (Wales) Ltd Waste Management licence No: 37211 Annual Tonnage: 74999	Issue Date: 03/10/2017 Effective Date: 03/10/2017 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Effective
E	127m SE	Site Name: - Site Address: ASH Wrexham Recycling Centre, Site One, Redwither Road, Wrexham Industrial Estate, Wrexham, LL13 9RD Correspondence Address: -	Type of Site: Physical Treatment Facility Size: - Environmental Permitting Regulations (Waste) Licence Number: WP3094FB EPR reference: - Operator: Alan's Skip Hire (Wales) Ltd Waste Management licence No: 37211 Annual Tonnage: 74999	Issue Date: 03/10/2017 Effective Date: 03/10/2017 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Effective
E	127m SE	Site Name: - Site Address: ASH Wrexham Recycling Centre, Site One, Redwither Road, Wrexham Industrial Estate, Wrexham, LL13 9RD Correspondence Address: -	Type of Site: Household, Commercial & Industrial Waste T Stn Size: - Environmental Permitting Regulations (Waste) Licence Number: WP3094FB EPR reference: - Operator: Alan's Skip Hire (Wales) Ltd Waste Management licence No: 37211 Annual Tonnage: 74999	Issue Date: 03/10/2017 Effective Date: 03/10/2017 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Effective



ID	Location	Details		
E	127m SE	Site Name: - Site Address: ASH Wrexham Recycling Centre, Site One, Redwither Road, Wrexham Industrial Estate, Wrexham, LL13 9RD Correspondence Address: -	Type of Site: Physical Treatment Facility Size: - Environmental Permitting Regulations (Waste) Licence Number: WP3094FB EPR reference: - Operator: Alan's Skip Hire (Wales) Ltd Waste Management licence No: 37211 Annual Tonnage: 74999	Issue Date: 03/10/2017 Effective Date: 03/10/2017 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Effective
E	127m SE	Site Name: - Site Address: ASH Wrexham Recycling Centre, Site One, Redwither Road, Wrexham, Wrexham, LL13 9RD Correspondence Address: -	Type of Site: - Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: WP3094FB EPR reference: - Operator: Alan's Skip Hire (Wales) Ltd Waste Management licence No: 37211 Annual Tonnage: 74999	Issue Date: 03/10/2017 Effective Date: 03/10/2017 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Effective
E	127m SE	Site Name: - Site Address: ASH Wrexham Recycling Centre, Site One, Redwither Road, Wrexham, Wrexham, LL13 9RD Correspondence Address: -	Type of Site: - Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: WP3094FB EPR reference: - Operator: Alan's Skip Hire (Wales) Ltd Waste Management licence No: 37211 Annual Tonnage: 74999	Issue Date: 03/10/2017 Effective Date: 03/10/2017 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Effective
F	389m NE	Site Name: Marlborough Road Clinical Waste Site Address: Trinco Ltd, Malborough Road, Wrexham Industrial Estate, Wrexham, LL13 9RJ Correspondence Address: Marlborough Road, Wrexham Industrial Estate, Wrexham, LL13 9RJ	Type of Site: Household, Commercial & Industrial Waste T Stn Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: TRI002 EPR reference: - Operator: Sterile Technology(newcastle) Limited Waste Management licence No: 37043 Annual Tonnage: 0	Issue Date: 12/10/1992 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: IPPC



ID	Location	Details		
F	389m NE	Site Name: Marlborough Road Clinical Waste Site Address: Marlborough Road, Wrexham Industrial Estate, Wrexham, LL13 9RJ Correspondence Address: Marlborough Road, Wrexham Industrial Estate, Wrexham, LL13 9RJ	Type of Site: Household, Commercial & Industrial Waste T Stn Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: TRI002 EPR reference: - Operator: Sterile Technology (Newcastle) Ltd Waste Management licence No: 37043 Annual Tonnage: 7739	Issue Date: 12/10/1992 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: IPPC
F	389m NE	Site Name: - Site Address: Marlborough Road Clinical Waste, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9RJ Correspondence Address: -	Type of Site: Household, Commercial & Industrial Waste T Stn Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: MP3894FG EPR reference: - Operator: - Waste Management licence No: 37043 Annual Tonnage: 0	Issue Date: 12/10/1992 Effective Date: 12/10/1992 Modified: - Surrendered Date: - Expiry Date: 09/02/2004 Cancelled Date: - Status: Expired
F	389m NE	Site Name: - Site Address: Marlborough Road Clinical Waste, Wrexham Industrial Estate, Wrexham, Wrexham, LL13 9RJ Correspondence Address: -	Type of Site: - Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: MP3894FG EPR reference: - Operator: Sterile Technologies (Newcastle) Ltd Waste Management licence No: 0 Annual Tonnage: 0	Issue Date: 12/10/1992 Effective Date: 12/10/1992 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Expired
F	389m NE	Site Name: - Site Address: Marlborough Road Clinical Waste, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9RJ Correspondence Address: -	Type of Site: Household, Commercial & Industrial Waste T Stn Size: - Environmental Permitting Regulations (Waste) Licence Number: MP3894FG EPR reference: - Operator: Sterile Technologies (Newcastle) Ltd Waste Management licence No: 37043 Annual Tonnage: 0	Issue Date: 12/10/1992 Effective Date: 12/10/1992 Modified: - Surrendered Date: - Expiry Date: 09/02/2004 Cancelled Date: - Status: Expired

ID	Location	Details		
F	389m NE	Site Name: - Site Address: Marlborough Road Clinical Waste, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9RJ Correspondence Address: -	Type of Site: Household, Commercial & Industrial Waste T Stn Size: - Environmental Permitting Regulations (Waste) Licence Number: MP3894FG EPR reference: - Operator: Sterile Technologies (Newcastle) Ltd Waste Management licence No: 37043 Annual Tonnage: 0	Issue Date: 12/10/1992 Effective Date: 12/10/1992 Modified: - Surrendered Date: - Expiry Date: 09/02/2004 Cancelled Date: - Status: Expired
F	389m NE	Site Name: - Site Address: Marlborough Road Clinical Waste, Wrexham Industrial Estate, Clwyd, Wrexham, Wrexham, LL13 9RJ Correspondence Address: -	Type of Site: - Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: MP3894FG EPR reference: - Operator: Sterile Technologies (Newcastle) Ltd Waste Management licence No: 37043 Annual Tonnage: 0	Issue Date: 12/10/1992 Effective Date: 12/10/1992 Modified: - Surrendered Date: - Expiry Date: 09/02/2004 Cancelled Date: - Status: Expired
F	390m NE	Site Name: Marlborough Road Clinical Waste Site Address: Marlborough Road, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9RJ Correspondence Address: -	Type of Site: Household, Commercial & Industrial Waste T Stn Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: TRI002 EPR reference: MP3894FG/A001 Operator: Sterile Technologies (Newcastle) Ltd Waste Management licence No: 37043 Annual Tonnage: 7739	Issue Date: 12/10/1992 Effective Date: - Modified: - Surrendered Date: 0 Expiry Date: 0 Cancelled Date: 0 Status: To PPC

ID	Location	Details		
F	391m NE	Site Name: Wrexham Clinical Waste Treatment Plant And Transfer Station Site Address: Wrexham Clinical Waste Treatment Plant And Transfer Station, Marlborough Road, Wrexham Industrial Estate, Wrexham, LL13 9RJ Correspondence Address: Wrexham Clinical Waste Treatment Plant And Transfer Station, Marlborough Road, Wrexham Industrial Estate, Wrexham, LL13 9RJ	Type of Site: Physical Treatment Facility Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: STE004 EPR reference: - Operator: Sterile Technologies (newcastle) Limited Waste Management licence No: 37305 Annual Tonnage: 0	Issue Date: 23/06/2006 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
F	391m NE	Site Name: Clinical Waste Treatment (H D S) & Transfer Site Site Address: Marlborough Road, Wrexham Industrial Estate, Wrexham, LL13 9RJ Correspondence Address: Marlborough Road, Wrexham Ind Est, Wrexham, LL13 9RJ	Type of Site: Physical Treatment Facility Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: STE003 EPR reference: - Operator: Sterile Technologies (Newcastle) Ltd Waste Management licence No: 37223 Annual Tonnage: 16999	Issue Date: 06/03/2001 Effective Date: 10/02/2004 Modified: 10/12/2003 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Transferred
F	391m NE	Site Name: - Site Address: Wrexham Clinical Waste Treatment And Transfer Station, Land / Premises At, Marlborough Road, Wrexham Industrial Estate, Wrexham, Wrexham, LL13 9RJ Correspondence Address: -	Type of Site: - Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: AB3033RL EPR reference: - Operator: Sita U K Ltd Waste Management licence No: 0 Annual Tonnage: 0	Issue Date: 06/03/2001 Effective Date: 06/03/2001 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Effective
F	391m NE	Site Name: - Site Address: Wrexham Clinical Waste Treatment And Transfer Station, Land / Premises At, Marlborough Road, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9RJ Correspondence Address: -	Type of Site: Clinical Waste Transfer Station Size: - Environmental Permitting Regulations (Waste) Licence Number: AB3033RL EPR reference: - Operator: Sita U K Ltd Waste Management licence No: 37223 Annual Tonnage: 0	Issue Date: 06/03/2001 Effective Date: 06/03/2001 Modified: - Surrendered Date: - Expiry Date: 15/03/2017 Cancelled Date: - Status: Expired



ID	Location	Details		
F	391m NE	Site Name: - Site Address: Wrexham Clinical Waste Treatment Plant & Transfer Station, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9RJ Correspondence Address: -	Type of Site: Physical Treatment Facility Size: - Environmental Permitting Regulations (Waste) Licence Number: PP3892FX EPR reference: - Operator: Sterile Technologies (Newcastle) Ltd Waste Management licence No: 37305 Annual Tonnage: 0	Issue Date: 23/06/2006 Effective Date: 23/06/2006 Modified: - Surrendered Date: - Expiry Date: 23/06/2006 Cancelled Date: - Status: Expired
F	391m NE	Site Name: - Site Address: Wrexham Clinical Waste Treatment Plant & Transfer Station, Wrexham Industrial Estate, Wrexham, Wrexham, LL13 9RJ Correspondence Address: -	Type of Site: - Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: PP3892FX EPR reference: - Operator: Sterile Technologies (Newcastle) Ltd Waste Management licence No: 0 Annual Tonnage: 0	Issue Date: 23/06/2006 Effective Date: 23/06/2006 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Expired
F	391m NE	Site Name: Wrexham Clinical Waste Treatment And Transfer Station Site Address: Land / Premises At, Marlborough Road, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9RJ Correspondence Address: -	Type of Site: Physical Treatment Facility Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: STE003 EPR reference: EA/EPR/AB3033RL/V005 Operator: Sita Uk Ltd Waste Management licence No: 37223 Annual Tonnage: 16999	Issue Date: 06/03/2001 Effective Date: 10/02/2004 Modified: 27/10/2011 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified
F	391m NE	Site Name: Wrexham Clinical Waste Treatment And Transfer Station Site Address: Land / Premises At, Marlborough Road, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9RJ Correspondence Address: -	Type of Site: Physical Treatment Facility Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: STE003 EPR reference: AB3033RL/V005 Operator: Sita U K Ltd Waste Management licence No: 37223 Annual Tonnage: 16999	Issue Date: 06/03/2001 Effective Date: 10/02/2004 Modified: 27/10/2011 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified



ID	Location	Details		
F	391m NE	Site Name: Clinical Waste Transfer Site Site Address: Land / Premises At, Marlborough Road, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9RJ Correspondence Address: -	Type of Site: Physical Treatment Facility Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: STE003 EPR reference: EA/EPR/AP3094FL/T004 Operator: Polkacrest Wales Ltd Waste Management licence No: 37223 Annual Tonnage: 16999	Issue Date: 06/03/2001 Effective Date: 10/02/2004 Modified: 10/12/2003 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Transferred
F	391m NE	Site Name: Wrexham Clinical Waste Treatment Plant & Transfer Station Site Address: Marlborough Road, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9RJ Correspondence Address: -	Type of Site: Physical Treatment Facility Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: STE004 EPR reference: EA/EPR/PP3892FX/A001 Operator: Sterile Technologies (Newcastle) Ltd Waste Management licence No: 37305 Annual Tonnage: 0	Issue Date: 23/06/2006 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: To PPC
F	391m NE	Site Name: - Site Address: Wrexham Clinical Waste Treatment Plant & Transfer Station, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9RJ Correspondence Address: -	Type of Site: Physical Treatment Facility Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: PP3892FX EPR reference: - Operator: - Waste Management licence No: 37305 Annual Tonnage: 0	Issue Date: 23/06/2006 Effective Date: 23/06/2006 Modified: - Surrendered Date: - Expiry Date: 23/06/2006 Cancelled Date: - Status: Expired
F	391m NE	Site Name: - Site Address: Wrexham Clinical Waste Treatment And Transfer Station, Land / Premises At, Marlborough Road, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9RJ Correspondence Address: -	Type of Site: Clinical Waste Transfer Station Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: AB3033RL EPR reference: - Operator: - Waste Management licence No: 37223 Annual Tonnage: 0	Issue Date: 06/03/2001 Effective Date: 06/03/2001 Modified: - Surrendered Date: - Expiry Date: 15/03/2017 Cancelled Date: - Status: Expired



ID	Location	Details		
F	391m NE	Site Name: - Site Address: Wrexham Clinical Waste Treatment And Transfer Station, Land / Premises At, Marlborough Road, Clwyd, Wrexham, Wrexham, LL13 9RJ Correspondence Address: -	Type of Site: - Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: AB3033RL EPR reference: - Operator: Sita U K Ltd Waste Management licence No: 37223 Annual Tonnage: 0	Issue Date: 06/03/2001 Effective Date: 06/03/2001 Modified: - Surrendered Date: - Expiry Date: 15/03/2017 Cancelled Date: - Status: Expired
F	391m NE	Site Name: - Site Address: Wrexham Clinical Waste Treatment Plant & Transfer Station, Wrexham Industrial Estate, Clwyd, Wrexham, Wrexham, LL13 9RJ Correspondence Address: -	Type of Site: - Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: PP3892FX EPR reference: - Operator: Sterile Technologies (Newcastle) Ltd Waste Management licence No: 37305 Annual Tonnage: 0	Issue Date: 23/06/2006 Effective Date: 23/06/2006 Modified: - Surrendered Date: - Expiry Date: 23/06/2006 Cancelled Date: - Status: Expired
F	391m NE	Site Name: - Site Address: Wrexham Clinical Waste Treatment And Transfer Station, Land / Premises At, Marlborough Road, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9RJ Correspondence Address: -	Type of Site: Clinical Waste Transfer Station Size: - Environmental Permitting Regulations (Waste) Licence Number: AB3033RL EPR reference: - Operator: Sita U K Ltd Waste Management licence No: 37223 Annual Tonnage: 0	Issue Date: 06/03/2001 Effective Date: 06/03/2001 Modified: - Surrendered Date: - Expiry Date: 15/03/2017 Cancelled Date: - Status: Expired
F	391m NE	Site Name: - Site Address: Wrexham Clinical Waste Treatment Plant & Transfer Station, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9RJ Correspondence Address: -	Type of Site: Physical Treatment Facility Size: - Environmental Permitting Regulations (Waste) Licence Number: PP3892FX EPR reference: - Operator: Sterile Technologies (Newcastle) Ltd Waste Management licence No: 37305 Annual Tonnage: 0	Issue Date: 23/06/2006 Effective Date: 23/06/2006 Modified: - Surrendered Date: - Expiry Date: 23/06/2006 Cancelled Date: - Status: Expired



ID	Location	Details		
F	392m NE	Site Name: Wrexham Clinical Waste Treatment And Transfer Station Site Address: Land / Premises At, Marlborough Road, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9RJ Correspondence Address: -	Type of Site: Clinical Waste Transfer Station Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: STE003 EPR reference: AB3033RL/V005 Operator: Sita U K Ltd Waste Management licence No: 37223 Annual Tonnage: 16999	Issue Date: 06/03/2001 Effective Date: 10/02/2004 Modified: 27/10/2011 Surrendered Date: 0 Expiry Date: 0 Cancelled Date: 0 Status: Modified
F	392m NE	Site Name: Wrexham Clinical Waste Treatment Plant & Transfer Station Site Address: Marlborough Road, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9RJ Correspondence Address: -	Type of Site: Physical Treatment Facility Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: STE004 EPR reference: PP3892FX/A001 Operator: Sterile Technologies (Newcastle) Ltd Waste Management licence No: 37305 Annual Tonnage: 0	Issue Date: 23/06/2006 Effective Date: - Modified: - Surrendered Date: 0 Expiry Date: 0 Cancelled Date: 0 Status: To PPC
F	397m NE	Site Name: Marlborough Road Clinical Waste Site Address: Marlborough Road, Wrexham Industrial Estate, Wrexham, LL13 7YP Correspondence Address: Ambassador Place, 3, Stockport Road, Altrincham, Cheshire, WA15 8DB	Type of Site: Household, Commercial & Industrial Waste T Stn Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: TRI002 EPR reference: - Operator: Trinco Ltd Waste Management licence No: 37043 Annual Tonnage: 0	Issue Date: 12/10/1992 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: IPPC
F	397m NE	Site Name: Marlborough Road Clinical Waste Site Address: Marlborough Road, Wrexham Industrial Estate, Wrexham, LL13 7YP Correspondence Address: Ambassador Place, 3, Stockport Road, Altrincham, Cheshire, WA15 8DB	Type of Site: Household, Commercial & Industrial Waste T Stn Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: TRI002 EPR reference: - Operator: Trinco Ltd Waste Management licence No: 37043 Annual Tonnage: 0	Issue Date: 12/10/1992 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: IPPC

ID	Location	Details		
F	405m NE	Site Name: Clinical Waste Treatment (hds) And Transfer Site Site Address: Eurocare Environmental Services Ltd, Malborough Road, Wrexham Industrial Estate, Wrexham, LL13 9RJ Correspondence Address: Mailing Suite 1, St Peters Wharf, Newcastle-upon-tyne, NE6 1TZ	Type of Site: Physical Treatment Facility Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: EUR001 EPR reference: - Operator: Eurocare Environmental Services Ltd Waste Management licence No: 37223 Annual Tonnage: 16999	Issue Date: 06/03/2001 Effective Date: - Modified: 10/06/2002 Surrendered Date: - Expiry Date: 12/12/2001 Cancelled Date: - Status: Modified
F	405m NE	Site Name: Clinical Waste Treatment (hds) And Transfer Site Site Address: Eurocare Environmental Services Ltd, Malborough Road, Wrexham Industrial Estate, Wrexham, LL13 9RJ Correspondence Address: Lindfield House, 1st Floor, Stuart Road, Gravesend, Kent, DA11 0BZ	Type of Site: Physical Treatment Facility Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: STE003 EPR reference: - Operator: Sterile Technologies (newcastle) Limited Waste Management licence No: 37223 Annual Tonnage: 16999	Issue Date: 06/03/2001 Effective Date: 10/02/2004 Modified: 10/12/2003 Surrendered Date: - Expiry Date: 12/12/2001 Cancelled Date: - Status: Transferred
F	438m NE	Site Name: - Site Address: Wrexham Clinical Waste Treatment And Transfer Station, Wrexham Industrial Estate, Wrexham, Wrexham, LL13 9RJ Correspondence Address: -	Type of Site: - Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: RP3237SZ EPR reference: - Operator: Sita U K Ltd Waste Management licence No: 0 Annual Tonnage: 0	Issue Date: 06/03/2001 Effective Date: 06/03/2001 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Expired
F	438m NE	Site Name: - Site Address: Wrexham Clinical Waste Treatment And Transfer Station, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9RJ Correspondence Address: -	Type of Site: Physical Treatment Facility Size: - Environmental Permitting Regulations (Waste) Licence Number: RP3237SZ EPR reference: - Operator: Sita U K Ltd Waste Management licence No: 37223 Annual Tonnage: 0	Issue Date: 06/03/2001 Effective Date: 06/03/2001 Modified: - Surrendered Date: - Expiry Date: 09/02/2004 Cancelled Date: - Status: Expired



ID	Location	Details		
F	438m NE	Site Name: - Site Address: Wrexham Clinical Waste Treatment And Transfer Station, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9RJ Correspondence Address: -	Type of Site: Physical Treatment Facility Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: RP3237SZ EPR reference: - Operator: - Waste Management licence No: 37223 Annual Tonnage: 0	Issue Date: 06/03/2001 Effective Date: 06/03/2001 Modified: - Surrendered Date: - Expiry Date: 09/02/2004 Cancelled Date: - Status: Expired
F	438m NE	Site Name: - Site Address: Wrexham Clinical Waste Treatment And Transfer Station, Wrexham Industrial Estate, Clwyd, Wrexham, Wrexham, LL13 9RJ Correspondence Address: -	Type of Site: - Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: RP3237SZ EPR reference: - Operator: Sita U K Ltd Waste Management licence No: 37223 Annual Tonnage: 0	Issue Date: 06/03/2001 Effective Date: 06/03/2001 Modified: - Surrendered Date: - Expiry Date: 09/02/2004 Cancelled Date: - Status: Expired
F	438m NE	Site Name: - Site Address: Wrexham Clinical Waste Treatment And Transfer Station, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9RJ Correspondence Address: -	Type of Site: Physical Treatment Facility Size: - Environmental Permitting Regulations (Waste) Licence Number: RP3237SZ EPR reference: - Operator: Sita U K Ltd Waste Management licence No: 37223 Annual Tonnage: 0	Issue Date: 06/03/2001 Effective Date: 06/03/2001 Modified: - Surrendered Date: - Expiry Date: 09/02/2004 Cancelled Date: - Status: Expired
F	462m NE	Site Name: W D A - Formerly Erie Electronic 1 Site Address: Marlborough Road, Wrexham Ind Est, Wrexham, LL13 9RJ Correspondence Address: Unit 7, St Asaph Business Park, Fford Richard Davies, St Asaph, Denbighshire, LL17 0LJ	Type of Site: Other Landfill Site taking Special Waste Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: WDA001 EPR reference: - Operator: W D A Waste Management licence No: 37009 Annual Tonnage: 0	Issue Date: 02/03/1997 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Closure



ID	Location	Details		
F	463m NE	Site Name: W D A - Formerly Erie Electronic 2 Site Address: Marlborough Road, Wrexham Ind Est, Wrexham, LL13 9RJ Correspondence Address: Unit 7, St Asaph Business Park, Fford Richard Davies, St Asaph, Denbighshire, LL17 0LJ	Type of Site: Other Landfill Site taking Special Waste Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: WDA002 EPR reference: - Operator: W D A Waste Management licence No: 37011 Annual Tonnage: 0	Issue Date: 02/03/1987 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Closure
F	464m NE	Site Name: W D A - Formerly Erie Electronic 1 Site Address: Marlborough Road, Wrexham Ind Est, Wrexham, LL13 9RJ Correspondence Address: Unit 7, St Asaph Business Park, Fford Richard Davies, St Asaph, Denbighshire, LL17 0LJ	Type of Site: Other Landfill Site taking Special Waste Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: WDA001 EPR reference: - Operator: W D A Waste Management licence No: 37009 Annual Tonnage: 0	Issue Date: 02/03/1997 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Closure
F	464m NE	Site Name: W D A - Formerly Erie Electronic 2 Site Address: Marlborough Road, Wrexham Ind Est, Wrexham, LL13 9RJ Correspondence Address: Unit 7, St Asaph Business Park, Fford Richard Davies, St Asaph, Denbighshire, LL17 0LJ	Type of Site: Other Landfill Site taking Special Waste Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: WDA002 EPR reference: - Operator: W D A Waste Management licence No: 37011 Annual Tonnage: 0	Issue Date: 02/03/1987 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Closure
F	464m NE	Site Name: W D A - Formerly Erie Electronic 1 Site Address: Marlborough Road, Wrexham Ind Est, Wrexham, Clwyd, LL13 9RJ Correspondence Address: -	Type of Site: Other Landfill Site taking Special Waste Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: WDA001 EPR reference: EA/EPR/BP3394FH/A001 Operator: Welsh Assembly Government Waste Management licence No: 37009 Annual Tonnage: 300000	Issue Date: 02/03/1997 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Closure



ID	Location	Details		
F	464m NE	Site Name: W D A - Formerly Erie Electronic 2 Site Address: Marlborough Road, Wrexham Ind Est, Wrexham, Clwyd, LL13 9RJ Correspondence Address: -	Type of Site: Other Landfill Site taking Special Waste Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: WDA002 EPR reference: EA/EPR/BP3994FJ/A001 Operator: Welsh Assembly Government Waste Management licence No: 37011 Annual Tonnage: 300000	Issue Date: 02/03/1987 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Closure
F	464m NE	Site Name: - Site Address: W D A - Formerly Erie Electronic 1, Marlborough Road, Wrexham, Wrexham, LL13 9RJ Correspondence Address: -	Type of Site: - Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: BP3394FH EPR reference: - Operator: Welsh Assembly Government Waste Management licence No: 0 Annual Tonnage: 0	Issue Date: 02/03/1997 Effective Date: 02/03/1997 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Effective
F	464m NE	Site Name: - Site Address: W D A - Formerly Erie Electronic 2, Wrexham Ind Est, Wrexham, Wrexham, LL13 9RJ Correspondence Address: -	Type of Site: - Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: BP3994FJ EPR reference: - Operator: Welsh Assembly Government Waste Management licence No: 0 Annual Tonnage: 0	Issue Date: 02/03/1987 Effective Date: 02/03/1987 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Effective
F	464m NE	Site Name: - Site Address: W D A - Formerly Erie Electronic 1, Marlborough Road, Wrexham, Clwyd, LL13 9RJ Correspondence Address: -	Type of Site: Other Landfill Site taking Special Waste Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: BP3394FH EPR reference: - Operator: - Waste Management licence No: 37009 Annual Tonnage: 0	Issue Date: 02/03/1997 Effective Date: 02/03/1997 Modified: - Surrendered Date: - Expiry Date: 25/01/2002 Cancelled Date: - Status: Effective



ID	Location	Details		
F	464m NE	Site Name: - Site Address: W D A - Formerly Erie Electronic 2, Wrexham Ind Est, Wrexham, Clwyd, LL13 9RJ Correspondence Address: -	Type of Site: Other Landfill Site taking Special Waste Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: BP3994FJ EPR reference: - Operator: - Waste Management licence No: 37011 Annual Tonnage: 0	Issue Date: 02/03/1987 Effective Date: 02/03/1987 Modified: - Surrendered Date: - Expiry Date: 25/01/2002 Cancelled Date: - Status: Effective
F	464m NE	Site Name: - Site Address: W D A - Formerly Erie Electronic 1, Marlborough Road, Wrexham, Clwyd, LL13 9RJ Correspondence Address: -	Type of Site: Other Landfill Site taking Special Waste Size: - Environmental Permitting Regulations (Waste) Licence Number: BP3394FH EPR reference: - Operator: Welsh Assembly Government Waste Management licence No: 37009 Annual Tonnage: 0	Issue Date: 02/03/1997 Effective Date: 02/03/1997 Modified: - Surrendered Date: - Expiry Date: 25/01/2002 Cancelled Date: - Status: Effective
F	464m NE	Site Name: - Site Address: W D A - Formerly Erie Electronic 2, Wrexham Ind Est, Wrexham, Clwyd, LL13 9RJ Correspondence Address: -	Type of Site: Other Landfill Site taking Special Waste Size: - Environmental Permitting Regulations (Waste) Licence Number: BP3994FJ EPR reference: - Operator: Welsh Assembly Government Waste Management licence No: 37011 Annual Tonnage: 0	Issue Date: 02/03/1987 Effective Date: 02/03/1987 Modified: - Surrendered Date: - Expiry Date: 25/01/2002 Cancelled Date: - Status: Effective
F	464m NE	Site Name: - Site Address: W D A - Formerly Erie Electronic 1, Marlborough Road, Clwyd, Wrexham, Wrexham, LL13 9RJ Correspondence Address: -	Type of Site: - Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: BP3394FH EPR reference: - Operator: Welsh Assembly Government Waste Management licence No: 37009 Annual Tonnage: 0	Issue Date: 02/03/1997 Effective Date: 02/03/1997 Modified: - Surrendered Date: - Expiry Date: 25/01/2002 Cancelled Date: - Status: Effective



ID	Location	Details		
F	464m NE	Site Name: - Site Address: W D A - Formerly Erie Electronic 2, Wrexham Ind Est, Clwyd, Wrexham, Wrexham, LL13 9RJ Correspondence Address: -	Type of Site: - Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: BP3994FJ EPR reference: - Operator: Welsh Assembly Government Waste Management licence No: 37011 Annual Tonnage: 0	Issue Date: 02/03/1987 Effective Date: 02/03/1987 Modified: - Surrendered Date: - Expiry Date: 25/01/2002 Cancelled Date: - Status: Effective
F	464m NE	Site Name: - Site Address: W D A - Formerly Erie Electronic 1, Marlborough Road, Wrexham, Clwyd, LL13 9RJ Correspondence Address: -	Type of Site: Other Landfill Site taking Special Waste Size: - Environmental Permitting Regulations (Waste) Licence Number: BP3394FH EPR reference: - Operator: Welsh Assembly Government Waste Management licence No: 37009 Annual Tonnage: 0	Issue Date: 02/03/1997 Effective Date: 02/03/1997 Modified: - Surrendered Date: - Expiry Date: 25/01/2002 Cancelled Date: - Status: Effective
F	464m NE	Site Name: - Site Address: W D A - Formerly Erie Electronic 2, Wrexham Ind Est, Wrexham, Clwyd, LL13 9RJ Correspondence Address: -	Type of Site: Other Landfill Site taking Special Waste Size: - Environmental Permitting Regulations (Waste) Licence Number: BP3994FJ EPR reference: - Operator: Welsh Assembly Government Waste Management licence No: 37011 Annual Tonnage: 0	Issue Date: 02/03/1987 Effective Date: 02/03/1987 Modified: - Surrendered Date: - Expiry Date: 25/01/2002 Cancelled Date: - Status: Effective
F	465m NE	Site Name: W D A - Formerly Erie Electronic 1 Site Address: Marlborough Road, Wrexham Ind Est, Wrexham, Clwyd, LL13 9RJ Correspondence Address: -	Type of Site: Other Landfill Site taking Special Waste Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: WDA001 EPR reference: BP3394FH/A001 Operator: Welsh Assembly Government Waste Management licence No: 37009 Annual Tonnage: 300000	Issue Date: 02/03/1997 Effective Date: - Modified: - Surrendered Date: 0 Expiry Date: 0 Cancelled Date: 0 Status: Closure



ID	Location	Details		
F	465m NE	Site Name: W D A - Formerly Erie Electronic 2 Site Address: Marlborough Road, Wrexham Ind Est, Wrexham, Clwyd, LL13 9RJ Correspondence Address: -	Type of Site: Other Landfill Site taking Special Waste Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: WDA002 EPR reference: BP3994FJ/A001 Operator: Welsh Assembly Government Waste Management licence No: 37011 Annual Tonnage: 300000	Issue Date: 02/03/1987 Effective Date: - Modified: - Surrendered Date: 0 Expiry Date: 0 Cancelled Date: 0 Status: Closure

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

3.7 Waste exemptions

Records within 500m	12
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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 28**

ID	Location	Site	Reference	Category	Sub-Category	Description
C	68m N	Alan's Skip Hire (Wales) Ltd, Alan's Skip Hire (Wales) Ltd, Redwither Road, Wrexham Industrial Estate, Wrexham, Wrexham County Borough Council, LL139RD	NRW-WME007992	Storing waste exemption	Not on a farm	Storage of waste in secure containers
C	68m N	Alan's Skip Hire (Wales) Ltd, Alan's Skip Hire (Wales) Ltd, Redwither Road, Wrexham Industrial Estate, Wrexham, Wrexham County Borough Council, LL139RD	NRW-WME007992	Storing waste exemption	Not on a farm	Storage of waste in a secure place
C	68m N	Alan's Skip Hire (Wales) Ltd, Alan's Skip Hire (Wales) Ltd, Redwither Road, Wrexham Industrial Estate, Wrexham, Wrexham County Borough Council, LL139RD	NRW-WME007992	Treating waste exemption	Not on a farm	Preparatory treatments (baling, sorting, shredding etc)



ID	Location	Site	Reference	Category	Sub-Category	Description
C	68m N	Alan's Skip Hire (Wales) Ltd, Alan's Skip Hire (Wales) Ltd, Redwither Road, Wrexham Industrial Estate, Wrexham, Wrexham County Borough Council, LL139RD	NRW-WME007992	Treating waste exemption	Not on a farm	Screening and blending of waste
C	68m N	Alan's Skip Hire (Wales) Ltd, Alan's Skip Hire (Wales) Ltd, Redwither Road, Wrexham Industrial Estate, Wrexham, Wrexham County Borough Council, LL139RD	NRW-WME007992	Treating waste exemption	Not on a farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
C	68m N	Alan's Skip Hire (Wales) Ltd, Alan's Skip Hire (Wales) Ltd, Redwither Road, Wrexham Industrial Estate, Wrexham, Wrexham County Borough Council, LL139RD	NRW-WME007992	Treating waste exemption	Not on a farm	Mechanical treatment of end-of-life tyres
C	68m N	Alan's Skip Hire (Wales) Ltd, Alan's Skip Hire (Wales) Ltd, Redwither Road, Wrexham Industrial Estate, Wrexham, Wrexham County Borough Council, LL139RD	NRW-WME007992	Treating waste exemption	Not on a farm	Recovery of scrap metal
C	68m N	Alan's Skip Hire (Wales) Ltd, Alan's Skip Hire (Wales) Ltd, Redwither Road, Wrexham Industrial Estate, Wrexham, Wrexham County Borough Council, LL139RD	NRW-WME007992	Using waste exemption	Not on a farm	Burning of waste as a fuel in a small appliance
1	198m SW	Hi Mark Automotive Ltd, Unit A, Spectrum Business Park, Wrexham, Wreccsam, LL13 9QA	NRW-WME003031	Disposing of waste exemption	Waste Exemption - Non-Agricultural	Burning waste in the open
2	398m NE	wrexham county bourough council, Wrexham County Borough Council, Abbey Road, Ystad Ddiwydiannol Wreccsam, Wreccsam, LL139PW	NRW-WME022217	Storing waste exemption	Not on a farm	Storage of waste in a secure place

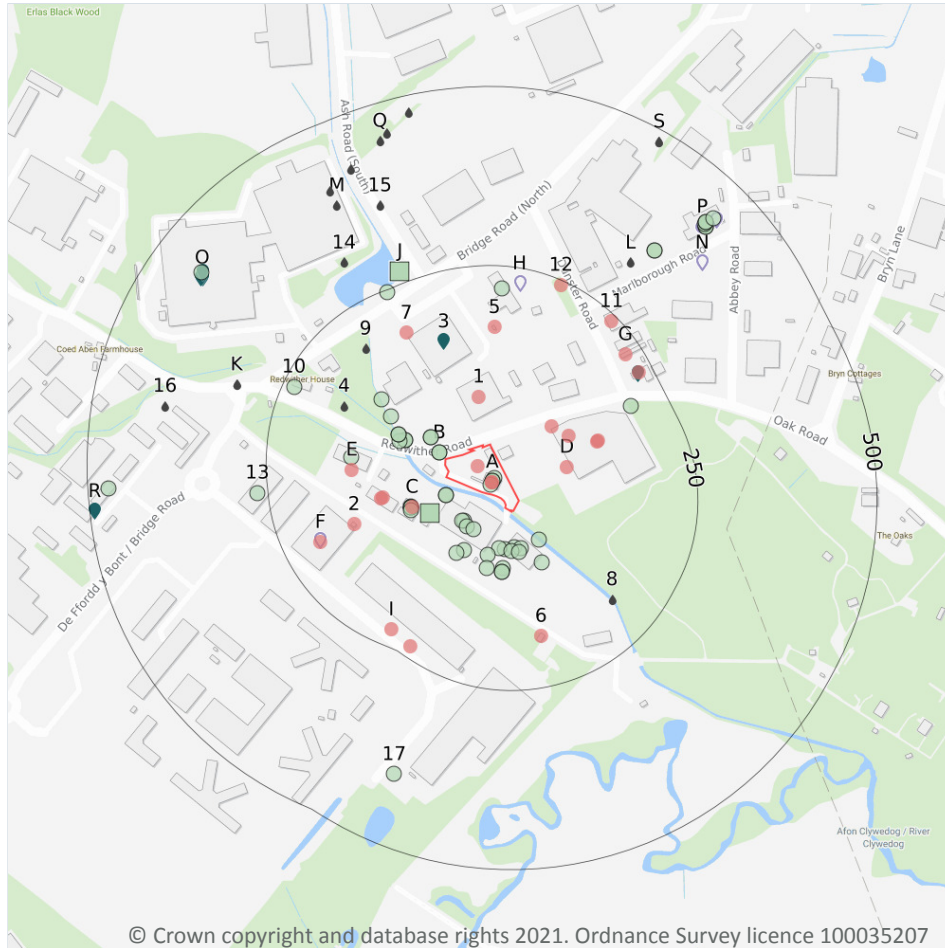


ID	Location	Site	Reference	Category	Sub-Category	Description
H	461m SW	HMP Berwyn, H M P Berwyn, 139 Bridge Road, Wrexham, Wreccsam, LL139QE	NRW-WME025486	Treating waste exemption	Not on a farm	Manual treatment of waste
H	461m SW	HMP Berwyn, H M P Berwyn, 139 Bridge Road, Wrexham, Wreccsam, LL139QE	NRW-WME025486	Treating waste exemption	Not on a farm	Recovery of scrap metal

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
- Historical licensed industrial activities
- Part A(1) industrial activities
- Licensed pollutant release (Part A(2)/B)
- Radioactive Substance Authorisations
- Licensed Discharges to controlled waters
- List 2 Dangerous Substances
- Pollution Incidents (EA/NRW)

4.1 Recent industrial land uses

Records within 250m

24

Current potentially contaminative industrial sites.

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

ID	Location	Company	Address	Activity	Category
A	On site	Ash Alans Skips Within the Recycling Centre	Redwither Road, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9RD	Construction and Tool Hire	Hire Services

ID	Location	Company	Address	Activity	Category
A	On site	Waste Processing	Clwyd, LL13	Waste Storage, Processing and Disposal	Infrastructure and Facilities
A	On site	Alan's Skip Hire Wales Ltd	Wrexham Recycling Centre, Redwither Road, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9RD	Construction and Tool Hire	Hire Services
C	63m SW	Bostock Air Conditioning Ltd	Redwither Road, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9RD	Cooling and Refrigeration	Industrial Products
1	68m N	Entrec	Redwither Road, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9RD	Scrap Metal Merchants	Recycling Services
D	81m NE	Tank	Clwyd, LL13	Tanks (Generic)	Industrial Features
D	89m NE	Electricity Sub Station	Clwyd, LL13	Electrical Features	Infrastructure and Facilities
C	93m W	J R Webster & Co Ltd	Redwither Road, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9RD	General Construction Supplies	Industrial Products
C	97m W	The Phoney Box Co Ltd	Unit 1, Redwither Road, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9RD	General Construction Supplies	Industrial Products
D	103m NE	Z F UK Services Ltd	Redwither Road, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9RD	Vehicle Components	Industrial Products
E	130m W	Electricity Sub Station	Clwyd, LL13	Electrical Features	Infrastructure and Facilities
D	135m NE	Works	Clwyd, LL13	Unspecified Works Or Factories	Industrial Features
D	137m NE	T R W Ltd	Redwither Road, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9RD	Vehicle Parts and Accessories	Motoring
2	145m SW	Electricity Sub Station	Clwyd, LL13	Electrical Features	Infrastructure and Facilities
5	164m N	Electricity Sub Station	Clwyd, LL13	Electrical Features	Infrastructure and Facilities
6	179m S	Electricity Sub Station	Clwyd, LL13	Electrical Features	Infrastructure and Facilities
7	184m N	Electricity Sub Station	Clwyd, LL13	Electrical Features	Infrastructure and Facilities
F	198m SW	S P I Global Play Ltd	Unit C, Spectrum Business Park, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9QA	Hobby, Sports and Pastime Products	Consumer Products



ID	Location	Company	Address	Activity	Category
I	226m S	Electricity Sub Station	Clwyd, LL13	Electrical Features	Infrastructure and Facilities
G	227m NE	S M Shepherd C V R	Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9RD	Vehicle Repair, Testing and Servicing	Repair and Servicing
G	231m NE	R C Motors Wrexham Ltd	Redwither Road, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9RD	Vehicle Breakdown and Recovery Services	Personal, Consumer and Other Services
I	234m SW	Electricity Sub Station	Clwyd, LL13	Electrical Features	Infrastructure and Facilities
11	241m NE	Water Clean Ltd	Unit 1 Marlborough Business Centre, Marlborough Road, Wrexham, Clwyd, LL13 9RJ	Air and Water Filtration	Industrial Products
12	244m NE	Tank	Clwyd, LL13	Tanks (Generic)	Industrial Features

This data is sourced from Ordnance Survey.

4.2 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.

4.3 Electricity cables

Records within 500m	0
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High voltage underground electricity transmission cables.

This data is sourced from National Grid.

4.4 Gas pipelines

Records within 500m	0
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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**2**

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 58**

ID	Location	Details	
P	424m NE	Operator: Sterile Technologies (newcastle) Ltd Address: Wrexham Plant, Marlborough Road, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9RJ Process: Incineration Permit Number: BI1595	Original Permit Number: IPCAPP Date Approved: 19-9-2000 Effective Date: 20-9-2000 Status: Superseded By Variation
P	424m NE	Operator: Sterile Technologies (newcastle) Ltd Address: Wrexham Plant, Marlborough Road, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9RJ Process: Incineration Permit Number: BM2349	Original Permit Number: IPCMINVAR Date Approved: 19-5-2004 Effective Date: 19-5-2004 Status: Revoked - Now Ippc

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

4.10 Licensed industrial activities (Part A(1))

Records within 500m

34

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 58**

ID	Location	Details	
F	197m SW	Operator: COTT BEVERAGES LIMITED Installation Name: COTT WREXHAM (CALYPSO) MANUFACTURING SITE Process: - Permit Number: AB3094FQ Original Permit Number: -	EPR Reference: - Issue Date: 10/02/2016 Effective Date: 10/02/2016 Last date noted as effective: 01/04/2017 Status: ISSUED
F	197m SW	Operator: COTT BEVERAGES LIMITED Installation Name: COTT WREXHAM (CALYPSO) MANUFACTURING SITE Process: TREATMENT AND PROCESSING, OTHER THAN EXCLUSIVELY PACKAGING, OF THE FOLLOWING RAW... Permit Number: AB3094FQ Original Permit Number: -	EPR Reference: - Issue Date: 31/01/2018 Effective Date: 31/01/2018 Last date noted as effective: 01/04/2018 Status: EFFECTIVE



ID	Location	Details	
F	197m SW	Operator: REFRESCO DRINKS UK LIMITED Installation Name: COTT WREXHAM (CALYPSO) MANUFACTURING SITE Process: TREATMENT AND PROCESSING, OTHER THAN EXCLUSIVELY PACKAGING, OF THE FOLLOWING RAW MATERIALS, WHETHER PREVIOUSLY PROCESSED OR UNPROCESSED, INTENDED FOR THE PRODUCTION OF FOOD OR FEED (WHERE THE WEIGHT OF THE FINISHED PRODUCT EXCLUDES PACKAGING)—ONLY VEGETABLE RAW MATERIALS WITH A FINISHED PRODUCT PRODUCTION CAPACITY GREATER THAN 300 TONNES PER DAY OR 600 TONNES PER DAY WHERE THE INSTALLATION OPERATES FOR A PERIOD OF NO MORE THAN 90 CONSECUTIVE DAYS IN ANY YEAR Permit Number: AB3094FQ Original Permit Number: -	EPR Reference: - Issue Date: 22/05/2018 Effective Date: 22/05/2018 Last date noted as effective: 01/04/2021 Status: EFFECTIVE
H	228m N	Operator: LLOYDS ANIMAL FEEDS (WESTERN) LTD Installation Name: WREXHAM MILL Process: - Permit Number: AB3492ZQ Original Permit Number: -	EPR Reference: - Issue Date: 17/05/2017 Effective Date: 17/05/2017 Last date noted as effective: 01/04/2018 Status: EFFECTIVE
H	228m N	Operator: LLOYDS ANIMAL FEEDS (WESTERN) LTD Installation Name: WREXHAM MILL Process: TREATMENT AND PROCESSING, OTHER THAN EXCLUSIVELY PACKAGING, OF THE FOLLOWING RAW MATERIALS, WHETHER PREVIOUSLY PROCESSED OR UNPROCESSED, INTENDED FOR THE PRODUCTION OF FOOD OR FEED (WHERE THE WEIGHT OF THE FINISHED PRODUCT EXCLUDES PACKAGING)—ONLY VEGETABLE RAW MATERIALS WITH A FINISHED PRODUCT PRODUCTION CAPACITY GREATER THAN 300 TONNES PER DAY OR 600 TONNES PER DAY WHERE THE INSTALLATION OPERATES FOR A PERIOD OF NO MORE THAN 90 CONSECUTIVE DAYS IN ANY YEAR Permit Number: AB3492ZQ Original Permit Number: -	EPR Reference: - Issue Date: 09/05/2019 Effective Date: 09/05/2019 Last date noted as effective: 01/04/2021 Status: EFFECTIVE
N	389m NE	Operator: TRADEBE HEALTHCARE NATIONAL LIMITED Installation Name: WREXHAM CLINICAL WASTE TREATMENT FACILITY (INCINERATOR) Process: - Permit Number: WP3836ZF Original Permit Number: QP3933NZ	EPR Reference: - Issue Date: 14/01/2015 Effective Date: 14/01/2015 Last date noted as effective: 01/12/2016 Status: EFFECTIVE
N	389m NE	Operator: SITA HEALTHCARE LIMITED Installation Name: WREXHAM CLINICAL WASTE (INCINERATOR) EPR/WP3836ZF Process: INCINERATION OF HAZARDOUS WASTE Permit Number: QP3933NZ Original Permit Number: WP3836ZF	EPR Reference: - Issue Date: 22/04/2013 Effective Date: 22/04/2013 Last date noted as effective: 17/11/2015 Status: EFFECTIVE



ID	Location	Details	
N	389m NE	Operator: ATTERO SERVICES LTD Installation Name: WREXHAM CLINICAL WASTE INCINERATOR Process: INCINERATION OF HAZARDOUS WASTE Permit Number: GP3335MA Original Permit Number: AP3538SM	EPR Reference: - Issue Date: 15/12/2006 Effective Date: 15/12/2006 Last date noted as effective: 17/11/2015 Status: SUPERCEDED
N	389m NE	Operator: POLKACREST LIMITED Installation Name: WREXHAM CLINICAL WASTE INCINERATOR Process: INCINERATION OF HAZARDOUS WASTE Permit Number: VP3739XC Original Permit Number: AP3538SM	EPR Reference: - Issue Date: 21/01/2008 Effective Date: 21/01/2008 Last date noted as effective: 17/11/2015 Status: SUPERCEDED
N	389m NE	Operator: POLKACREST LIMITED Installation Name: WREXHAM CLINICAL WASTE TREATMENT FACILITY (INCINERATOR) Process: INCINERATION OF HAZARDOUS WASTE Permit Number: WP3836ZF Original Permit Number: WP3836ZF	EPR Reference: - Issue Date: 04/03/2013 Effective Date: 04/03/2013 Last date noted as effective: 17/11/2015 Status: SUPERCEDED
N	389m NE	Operator: POLKACREST WALES LIMITED Installation Name: WREXHAM CLINICAL WASTE INCINERATOR Process: INCINERATION OF HAZARDOUS WASTE Permit Number: AP3538SM Original Permit Number: AP3538SM	EPR Reference: - Issue Date: 14/12/2005 Effective Date: 14/12/2005 Last date noted as effective: 17/11/2015 Status: SUPERCEDED
N	389m NE	Operator: SITA UK LIMITED Installation Name: WREXHAM CLINICAL WASTE INCINERATOR Process: INCINERATION OF HAZARDOUS WASTE Permit Number: MP3239FQ Original Permit Number: MP3239FQ	EPR Reference: - Issue Date: 12/05/2011 Effective Date: 12/05/2011 Last date noted as effective: 17/11/2015 Status: SUPERCEDED
N	389m NE	Operator: SITA UK LIMITED Installation Name: WREXHAM CLINICAL WASTE INCINERATOR Process: INCINERATION OF HAZARDOUS WASTE Permit Number: MP3635FQ Original Permit Number: MP3239FQ	EPR Reference: - Issue Date: 20/10/2011 Effective Date: 20/10/2011 Last date noted as effective: 17/11/2015 Status: SUPERCEDED
N	389m NE	Operator: TRADEBE HEALTHCARE NATIONAL LIMITED Installation Name: WREXHAM CLINICAL WASTE TREATMENT FACILITY (INCINERATOR) Process: THE INCINERATION OF HAZARDOUS WASTE IN AN INCINERATION OR CO- INCINERATION PLANT... Permit Number: WP3836ZF Original Permit Number: QP3933NZ	EPR Reference: - Issue Date: 28/06/2017 Effective Date: 26/06/2017 Last date noted as effective: 01/04/2018 Status: EFFECTIVE



ID	Location	Details	
N	389m NE	Operator: TRADEBE HEALTHCARE NATIONAL LIMITED Installation Name: WREXHAM CLINICAL WASTE TREATMENT FACILITY (INCINERATOR) Process: THE INCINERATION OF HAZARDOUS WASTE IN A WASTE INCINERATION PLANT OR WASTE CO-INCINERATION PLANT WITH A CAPACITY EXCEEDING 10 TONNES PER DAY Permit Number: WP3836ZF Original Permit Number: QP3933NZ	EPR Reference: - Issue Date: 28/06/2017 Effective Date: 26/06/2017 Last date noted as effective: 01/04/2021 Status: EFFECTIVE
P	445m NE	Operator: TRADEBE HEALTHCARE NATIONAL LIMITED Installation Name: WREXHAM CLINICAL WASTE TREATMENT FACILITY (HDU & TS) Process: - Permit Number: WP3636ZG Original Permit Number: UP3133AC	EPR Reference: - Issue Date: 14/01/2015 Effective Date: 14/01/2015 Last date noted as effective: 01/12/2016 Status: EFFECTIVE
P	445m NE	Operator: SITA HEALTHCARE LIMITED Installation Name: WREXHAM CLINICAL WASTE TREATMENT FACILITY (HDU & TS) Process: ASSOCIATED PROCESS Permit Number: PP3230NV Original Permit Number: WP3636ZG	EPR Reference: - Issue Date: 25/03/2013 Effective Date: 25/03/2013 Last date noted as effective: 17/11/2015 Status: SUPERCEDED
P	445m NE	Operator: SITA HEALTHCARE LIMITED Installation Name: WREXHAM CLINICAL WASTE TREATMENT FACILITY (HDU & TS) Process: DISPOSAL OR RECOVERY OF HAZARDOUS WASTE WITH A CAPACITY EXCEEDING 10 TONNES PER DAY INVOLVING PHYSICO-CHEMICAL TREATMENT Permit Number: PP3230NV Original Permit Number: WP3636ZG	EPR Reference: - Issue Date: 25/03/2013 Effective Date: 25/03/2013 Last date noted as effective: 17/11/2015 Status: SUPERCEDED
P	445m NE	Operator: SITA HEALTHCARE LIMITED Installation Name: WREXHAM CLINICAL WASTE (HDU & TS) EPR/WP3636ZG Process: ASSOCIATED PROCESS Permit Number: UP3133AC Original Permit Number: WP3636ZG	EPR Reference: - Issue Date: 05/06/2015 Effective Date: 14/01/2015 Last date noted as effective: 17/11/2015 Status: EFFECTIVE
P	445m NE	Operator: SITA HEALTHCARE LIMITED Installation Name: WREXHAM CLINICAL WASTE (HDU & TS) EPR/WP3636ZG Process: DISPOSAL OR RECOVERY OF HAZARDOUS WASTE WITH A CAPACITY EXCEEDING 10 TONNES PER DAY INVOLVING PHYSICO-CHEMICAL TREATMENT Permit Number: UP3133AC Original Permit Number: WP3636ZG	EPR Reference: - Issue Date: 05/06/2015 Effective Date: 14/01/2015 Last date noted as effective: 17/11/2015 Status: EFFECTIVE



ID	Location	Details	
P	445m NE	Operator: STERILE TECHNOLOGIES (NEWCASTLE) LIMITED Installation Name: WREXHAM CLINICAL WASTE TREATMENT PLANT AND TRANSFER STATION Process: WASTE LANDFILLING; >10 T/D WITH CAPACITY >25,000T EXCLUDING INERT WASTE Permit Number: RP3237SZ Original Permit Number: RP3237SZ	EPR Reference: - Issue Date: - Effective Date: - Last date noted as effective: 04/04/2006 Status: DETERMINATION
P	445m NE	Operator: SITA UK LIMITED Installation Name: WREXHAM CLINICAL WASTE TREATMENT PLANT AND TRANSFER STATION Process: ASSOCIATED PROCESS Permit Number: UP3137FB Original Permit Number: UP3137FB	EPR Reference: - Issue Date: 04/11/2011 Effective Date: 04/11/2011 Last date noted as effective: 17/11/2015 Status: SUPERCEDED
P	445m NE	Operator: SITA UK LIMITED Installation Name: WREXHAM CLINICAL WASTE TREATMENT PLANT AND TRANSFER STATION Process: OTHER WASTE DISPOSAL; HAZARDOUS WASTE >10T/D Permit Number: UP3137FB Original Permit Number: UP3137FB	EPR Reference: - Issue Date: 04/11/2011 Effective Date: 04/11/2011 Last date noted as effective: 17/11/2015 Status: SUPERCEDED
P	445m NE	Operator: POLKACREST LIMITED Installation Name: WREXHAM CLINICAL WASTE TREATMENT FACILITY (HDU & TS) Process: OTHER WASTE DISPOSAL; HAZARDOUS WASTE >10T/D Permit Number: WP3636ZG Original Permit Number: WP3636ZG	EPR Reference: - Issue Date: 04/03/2013 Effective Date: 04/03/2013 Last date noted as effective: 17/11/2015 Status: SUPERCEDED
P	445m NE	Operator: POLKACREST WALES LIMITED Installation Name: WREXHAM CLINICAL WASTE TREATMENT PLANT AND TRANSFER STATION Process: ASSOCIATED PROCESS Permit Number: RP3035FV Original Permit Number: RP3237SZ	EPR Reference: - Issue Date: 27/10/2011 Effective Date: 27/10/2011 Last date noted as effective: 17/11/2015 Status: SUPERCEDED
P	445m NE	Operator: POLKACREST WALES LIMITED Installation Name: WREXHAM CLINICAL WASTE TREATMENT PLANT AND TRANSFER STATION Process: OTHER WASTE DISPOSAL; HAZARDOUS WASTE >10T/D Permit Number: RP3035FV Original Permit Number: RP3237SZ	EPR Reference: - Issue Date: 27/10/2011 Effective Date: 27/10/2011 Last date noted as effective: 17/11/2015 Status: SUPERCEDED

ID	Location	Details	
P	445m NE	Operator: POLKACREST WALES LIMITED Installation Name: WREXHAM CLINICAL WASTE TREATMENT PLANT AND TRANSFER STATION Process: ASSOCIATED PROCESS Permit Number: RP3237SZ Original Permit Number: RP3237SZ	EPR Reference: - Issue Date: 23/06/2006 Effective Date: 23/06/2006 Last date noted as effective: 17/11/2015 Status: SUPERCEDED
P	445m NE	Operator: POLKACREST WALES LIMITED Installation Name: WREXHAM CLINICAL WASTE TREATMENT PLANT AND TRANSFER STATION Process: OTHER WASTE DISPOSAL; HAZARDOUS WASTE >10T/D Permit Number: RP3237SZ Original Permit Number: RP3237SZ	EPR Reference: - Issue Date: 23/06/2006 Effective Date: 23/06/2006 Last date noted as effective: 17/11/2015 Status: SUPERCEDED
P	445m NE	Operator: TRADEBE HEALTHCARE NATIONAL LIMITED Installation Name: WREXHAM CLINICAL WASTE TREATMENT FACILITY (HDU & TS) Process: DISPOSAL OR RECOVERY OF HAZARDOUS WASTE WITH A CAPACITY EXCEEDING 10 TONNES PER ... Permit Number: WP3636ZG Original Permit Number: UP3133AC	EPR Reference: - Issue Date: 14/01/2015 Effective Date: 14/01/2015 Last date noted as effective: 01/04/2018 Status: EFFECTIVE
P	445m NE	Operator: TRADEBE HEALTHCARE NATIONAL LIMITED Installation Name: WREXHAM CLINICAL WASTE TREATMENT FACILITY (HDU & TS) Process: DISPOSAL OR RECOVERY OF HAZARDOUS WASTE WITH A CAPACITY EXCEEDING 10 TONNES PER ... Permit Number: WP3636ZG Original Permit Number: UP3133AC	EPR Reference: - Issue Date: 14/01/2015 Effective Date: 14/01/2015 Last date noted as effective: 01/04/2018 Status: EFFECTIVE
P	445m NE	Operator: STERILE TECHNOLOGIES (NEWCASTLE) LIMITED Installation Name: WREXHAM CLINICAL WASTE TREATMENT PLANT AND TRANSFER STATION Process: WASTE LANDFILLING; >10 T/D WITH CAPACITY >25,000T EXCLUDING INERT WASTE Permit Number: RP3237SZ Original Permit Number: RP3237SZ	EPR Reference: - Issue Date: - Effective Date: - Last date noted as effective: 04/04/2006 Status: DETERMINATION
P	445m NE	Operator: TRADEBE HEALTHCARE NATIONAL LIMITED Installation Name: WREXHAM CLINICAL WASTE TREATMENT FACILITY (HDU & TS) Process: - Permit Number: WP3636ZG Original Permit Number: UP3133AC	EPR Reference: - Issue Date: 19/03/2020 Effective Date: 19/03/2020 Last date noted as effective: 01/04/2021 Status: EFFECTIVE



ID	Location	Details	
P	445m NE	Operator: TRADEBE HEALTHCARE NATIONAL LIMITED Installation Name: WREXHAM CLINICAL WASTE TREATMENT FACILITY (HDU & TS) Process: DISPOSAL OR RECOVERY OF HAZARDOUS WASTE WITH A CAPACITY EXCEEDING 10 TONNES PER DAY INVOLVING ONE OR MORE OF THE FOLLOWING ACTIVITIES - PHYSICO-CHEMICAL TREATMENT Permit Number: WP3636ZG Original Permit Number: UP3133AC	EPR Reference: - Issue Date: 19/03/2020 Effective Date: 19/03/2020 Last date noted as effective: 01/04/2021 Status: EFFECTIVE
P	445m NE	Operator: SITA HEALTHCARE LIMITED Installation Name: WREXHAM CLINICAL WASTE TREATMENT FACILITY (HDU & TS) Process: CREATED BY IED - DISPOSAL OR RECOVERY OF HAZARDOUS WASTE WITH A CAPACITY EXCEEDING 10 TONNES PER DAY INVOLVING PHYSICO-CHEMICAL TREATMENT Permit Number: PP3230NV Original Permit Number: WP3636ZG	EPR Reference: - Issue Date: 25/03/2013 Effective Date: 25/03/2013 Last date noted as effective: 01/07/2013 Status: EFFECTIVE

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

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

Records within 500m	7
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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 58**

ID	Location	Address	Details	
3	154m N	Tritech Precision Products Ltd, Bridge Road North, Wrexham Industrial Estate, Wrexham, LL13 9PS	Process: Other Metal Processes Status: Current Permit Permit Type: Part B	Enforcement: Enforcement Notified Date of enforcement: 12/03/2007 Comment: Not given
G	228m NE	R.C. Motors Wrexham Ltd, Redwither Road Garage, Wrexham Industrial Estate, LL13 9RD	Process: Waste Oil Burner 0.4 MW Status: New Legislation Applies Permit Type: Part B	Enforcement: No Enforcement Notified. Date of enforcement: No Enforcement Notified. Comment: No Enforcement Notified.

ID	Location	Address	Details	
O	423m NW	Ball Packaging Europe, Bridge Road, Wrexham Industrial Estate, Wrexham, LL13 9PS	Process: Surface Cleaning Status: Historical Permit Permit Type: Part A2	Enforcement: No Enforcement Notified. Date of enforcement: No Enforcement Notified. Comment: No Enforcement Notified.
O	426m NW	Ardagh Metal Beverage, Bridge Road, Wrexham Industrial Estate, Wrexham, LL13 9PS	Process: Coating Processes Status: Current Permit Permit Type: Part A2	Enforcement: No Enforcement Notified. Date of enforcement: No Enforcement Notified. Comment: No Enforcement Notified.
P	428m NE	Polkacrest Wales Limited, Polkacrest Limited, Sterile Technologies (Newcastle) Ltd, Wrexham Clinical Waste Treatment Plant and Transfer Station, Marlborough Road, Wrexham Industrial Estate, Wrexham, LL13 9RJ	Process: Other waste disposal ; Combustion & Incineration Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcement Notified. Date of enforcement: No Enforcement Notified. Comment: No Enforcement Notified.
O	428m NW	Ball Packaging Europe, Bridge Road, Wrexham Industrial Estate, Wrexham, LL13 9PS	Process: Surface Cleaning Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcement Notified. Date of enforcement: No Enforcement Notified. Comment: No Enforcement Notified.
R	493m W	Williams Services & Steve Williams Transport, Unit 11 Bridge Way Centre, Bridge Road, Wrexham Industrial Estate, Wrexham, LL13 9QS	Process: Waste Oil Burner 0.4 MW Status: New Legislation Applies Permit Type: Part B	Enforcement: No Enforcement Notified. Date of enforcement: No Enforcement Notified. Comment: No Enforcement Notified.

This data is sourced from Local Authority records.

4.12 Radioactive Substance Authorisations

Records within 500m

4

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

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



ID	Location	Address	Details	
P	424m NE	Trinco Ltd, Wrexham Plant, Marlborough Road, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9RJ	Operator: Trinco Ltd Type: Disposal Of Radioactive Waste (was Rsa60 Section 6). Permission number: AW7886 Date of approval: 24/06/1997	Effective from: 24/07/1997 Last date of update: 01/01/2015 Status: Revoked/cancelled
P	424m NE	Onyx Clinical Ltd, Wrexham Plant, Marlborough Road, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9RJ	Operator: Onyx Clinical Ltd Type: Disposal Of Radioactive Waste (was Rsa60 Section 6). Permission number: BG6251 Date of approval: 15/12/1999	Effective from: 17/12/1999 Last date of update: 01/01/2015 Status: Revoked/cancelled
P	424m NE	Eurocare Environmental Services Ltd (dissolved), Wrexham Plant, Marlborough Road, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9RJ	Operator: Eurocare Environmental Services Ltd (dissolved) Type: Disposal Of Radioactive Waste (was Rsa60 Section 6). Permission number: BI3024 Date of approval: 21/06/2000	Effective from: 19/07/2000 Last date of update: 01/01/2015 Status: Superseded By Variation
P	424m NE	Eurocare Environmental Services Ltd (dissolved), Wrexham Plant, Marlborough Road, Wrexham Industrial Estate, Wrexham, Clwyd, LL13 9RJ	Operator: Eurocare Environmental Services Ltd (dissolved) Type: Disposal Of Radioactive Waste (was Rsa60 Section 6). Permission number: BI3024 Date of approval: 25/11/2003	Effective from: 25/11/2003 Last date of update: 01/01/2015 Status: Revoked/cancelled

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

4.13 Licensed Discharges to controlled waters

Records within 500m

18

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

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

ID	Location	Address	Details	
4	160m NW	WREXHAM IND ESTATE CONREN LTD, CONREN LTD	Effluent Type: UNSPECIFIED Permit Number: CM0086201 Permit Version: 1 Receiving Water: TRIB. OF REDWITHER BROOK	Status: CONSENT EXPIRED - TIME LIMIT Issue date: 04/10/1979 Effective Date: 04/10/1979 Revocation Date: 26/04/1995
8	184m SE	WREXHAM RECYCLING CENTRE REDWITHER, WREXHAM RECYCLING CENTRE, REDWITHER ROAD, WREXHAM INDUSTRIAL ESTATE, Wrexham, LL13 9RD	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE Permit Number: CG0402201 Permit Version: 1 Receiving Water: THE REDWITHER BROOK	Status: Effective Issue date: 31/10/2002 Effective Date: 31/10/2002 Revocation Date: -



ID	Location	Address	Details	
9	190m NW	WREXHAM IND ESTATE BRITISH CELANESE, WREXHAM IND ESTATE BRITISH CELAN, BRITISH CELANESE SITE	Effluent Type: UNSPECIFIED Permit Number: CM0001801 Permit Version: 1 Receiving Water: TRIB.OF REDWITHER BROOK	Status: CONSENT EXPIRED - TIME LIMIT Issue date: 31/01/1966 Effective Date: 31/01/1966 Revocation Date: 26/02/1993
14	308m NW	PCB CONTAINMENT CELL MARLBOROUGH RO, MARLBOROUGH ROAD, WREXHAM INDUSTRIAL ESTATE, WREXHAM	Effluent Type: TRADE DISCHARGES - UNSPECIFIED Permit Number: CM0149901 Permit Version: 1 Receiving Water: REDWITHER BROOK	Status: REVOKED - UNSPECIFIED Issue date: 13/01/1987 Effective Date: 13/01/1987 Revocation Date: 27/03/1995
K	309m W	CONTINENTAL CAN CO LTD	Effluent Type: TRADE DISCHARGES - UNSPECIFIED Permit Number: CM0085401 Permit Version: 1 Receiving Water: REDWITHER BROOK	Status: REVOKED - UNSPECIFIED Issue date: 30/04/1979 Effective Date: 30/04/1979 Revocation Date: 08/03/1994
K	309m W	CONTINENTAL CAN CO LTD	Effluent Type: TRADE DISCHARGES - UNSPECIFIED Permit Number: CM0085401 Permit Version: 2 Receiving Water: REDWITHER BROOK	Status: REVOKED (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV Issue date: 09/03/1994 Effective Date: 09/03/1994 Revocation Date: 21/01/2004
L	320m NE	MARCHWIEL ABBEY RD 33KV SUB-STATION, MARCHWIEL ABBEY RD 33KV SUB-STAT, ABBEY RD 33KV SUB-STATION , 33KV SUB-STATION	Effluent Type: - Permit Number: CM0015701 Permit Version: 1 Receiving Water: UN-NAMED TRIB.OF REDWITHER BRO	Status: Effective Issue date: 16/04/1963 Effective Date: 16/04/1963 Revocation Date: -
15	362m N	PCB CONTAINMENT CELL MARLBOROUGH RO, MARLBOROUGH ROAD, WREXHAM INDUSTRIAL ESTATE, Wrexham	Effluent Type: TRADE DISCHARGES - UNSPECIFIED Permit Number: CM0149901 Permit Version: 3 Receiving Water: REDWITHER BROOK	Status: Effective Issue date: 23/08/2005 Effective Date: 24/08/2005 Revocation Date: -
M	385m NW	WREXHAM IND. ESTATE - DISCHARG	Effluent Type: UNSPECIFIED Permit Number: CM0093601 Permit Version: 1 Receiving Water: REDWITHER BROOK	Status: CONSENT EXPIRED - TIME LIMIT Issue date: 25/08/1982 Effective Date: 25/08/1982 Revocation Date: 28/04/1993
16	398m W	WREXHAM IND ESTATE FACTORY/COEDABEN, WREXHAM IND ESTATE FACTORY/COEDA, FACTORY/COEDABEN ROAD	Effluent Type: UNSPECIFIED Permit Number: CM0064501 Permit Version: 1 Receiving Water: REDWITHER BROOK	Status: CONSENT EXPIRED - TIME LIMIT Issue date: 27/04/1971 Effective Date: 27/04/1971 Revocation Date: 28/04/1993



ID	Location	Address	Details	
M	407m NW	WREXHAM IND. EST. DIS. 2	Effluent Type: UNSPECIFIED Permit Number: CM0093602 Permit Version: 1 Receiving Water: REDWITHER BROOK	Status: CONSENT EXPIRED - TIME LIMIT Issue date: 25/08/1982 Effective Date: 25/08/1982 Revocation Date: 28/04/1993
M	424m NW	WREXHAM IND. ESTATE - DISCHARG	Effluent Type: UNSPECIFIED Permit Number: CM0093603 Permit Version: 1 Receiving Water: REDWITHER BROOK	Status: CONSENT EXPIRED - TIME LIMIT Issue date: 25/08/1982 Effective Date: 25/08/1982 Revocation Date: 28/04/1993
Q	448m N	WREXHAM IND. ESTATE - DISCHARG	Effluent Type: UNSPECIFIED Permit Number: CM0093604 Permit Version: 1 Receiving Water: REDWITHER BROOK	Status: CONSENT EXPIRED - TIME LIMIT Issue date: 25/08/1982 Effective Date: 25/08/1982 Revocation Date: 28/04/1993
Q	455m N	WREXHAM IND. EST. DIS. 6	Effluent Type: UNSPECIFIED Permit Number: CM0093605 Permit Version: 1 Receiving Water: REDWITHER BROOK	Status: CONSENT EXPIRED - TIME LIMIT Issue date: 25/08/1982 Effective Date: 25/08/1982 Revocation Date: 28/04/1993
Q	476m N	WREXHAM IND. ESTATE - DISCHARG	Effluent Type: MISCELLANEOUS DISCHARGES - SURFACE WATER Permit Number: CM0093606 Permit Version: 1 Receiving Water: REDWITHER BROOK	Status: CONSENT EXPIRED - TIME LIMIT Issue date: 25/08/1982 Effective Date: 25/08/1982 Revocation Date: 28/04/1993
S	484m NE	STP SERVING UNIT 6 PACIFIC PARK, BRIDGE ROAD, WREXHAM INDUSTRIAL ESTATE, Wrexham, CLWYD, LL13 9PN	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: MP3320GG Permit Version: 1 Receiving Water: Groundwater via drainage mound	Status: Effective Issue date: 02/12/2011 Effective Date: 02/12/2011 Revocation Date: -
S	484m NE	STP SERVING UNIT 6 PACIFIC PARK, BRIDGE ROAD, WREXHAM INDUSTRIAL ESTATE, WREXHAM, CLWYD, LL13 9PN	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: EPRMP3320GG Permit Version: 1 Receiving Water: GROUNDWATER VIA DRAINAGE MOUND	Status: NEW ISSUED UNDER EPR 2010 Issue date: 02/12/2011 Effective Date: 02/12/2011 Revocation Date: -



ID	Location	Address	Details	
S	484m NE	STP SERVING UNIT 6 PACIFIC PARK, BRIDGE ROAD, WREXHAM INDUSTRIAL ESTATE, WREXHAM, CLWYD, LL13 9PN	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: EPRMP3320GG Permit Version: 1 Receiving Water: GROUNDWATER VIA DRAINAGE MOUND	Status: NEW ISSUED UNDER EPR 2010 Issue date: 02/12/2011 Effective Date: 02/12/2011 Revocation Date: -

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

4.14 Pollutant release to surface waters (Red List)

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

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

4.15 Pollutant release to public sewer

Records within 500m	0
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Discharges of Special Category Effluents to the public sewer.

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

4.16 List 1 Dangerous Substances

Records within 500m	0
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Discharges of substances identified on List I of European Directive E 2006/11/EC, and regulated under the Environmental Damage (Prevention and Remediation) Regulations 2015.

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

4.17 List 2 Dangerous Substances

Records within 500m	2
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Discharges of substances identified on List II of European Directive E 2006/11/EC, and regulated under the Environmental Damage (Prevention and Remediation) Regulations 2015.

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

ID	Location	Name	Status	Receiving Water	Authorised Substances
C	56m SW	Bluestone Chemicals Ltd, Redwither Road, Wrexham Ind Est	Not Active	-	Chromium, Copper
J	267m N	Welsh Development Agency Pcb Cell 283	Active	-	Biphenyl

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

4.18 Pollution Incidents (EA/NRW)

Records within 500m	58
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Records of substantiated pollution incidents. Since 2006 this data has only included category 1 (major) and 2 (significant) pollution incidents.

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

ID	Location	Details	
A	On site	Incident Date: 26/09/2014 Incident Identification: 1281386 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Smoke	Water Impact: - Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)
A	On site	Incident Date: 05/05/2016 Incident Identification: 1602189 Pollutant: - Pollutant Description: -	Water Impact: No Details Land Impact: No Details Air Impact: Category 3 (Minor)
A	On site	Incident Date: 05/05/2016 Incident Identification: 1602189 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Dust	Water Impact: No Details Land Impact: No Details Air Impact: Category 3 (Minor)
A	On site	Incident Date: 22/04/2014 Incident Identification: 1229280 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Smoke	Water Impact: - Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)
B	12m NW	Incident Date: 03/08/2016 Incident Identification: 1604640 Pollutant: - Pollutant Description: -	Water Impact: Category 3 (Minor) Land Impact: No Details Air Impact: No Details
B	12m NW	Incident Date: 03/08/2016 Incident Identification: 1604640 Pollutant: Oils and Fuels Pollutant Description: Unidentified Oil	Water Impact: Category 3 (Minor) Land Impact: No Details Air Impact: No Details

ID	Location	Details	
C	23m S	Incident Date: 19/07/2006 Incident Identification: 418682 Pollutant: Contaminated Water Pollutant Description: Firefighting Run-Off	Water Impact: Category 1 (Major) Land Impact: Category 2 (Significant) Air Impact: Category 2 (Significant)
C	23m S	Incident Date: 19/07/2006 Incident Identification: 418682 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Smoke	Water Impact: Category 1 (Major) Land Impact: Category 2 (Significant) Air Impact: Category 2 (Significant)
B	37m NW	Incident Date: 04/08/2016 Incident Identification: 1604395 Pollutant: - Pollutant Description: -	Water Impact: Category 3 (Minor) Land Impact: No Details Air Impact: No Details
B	37m NW	Incident Date: 04/08/2016 Incident Identification: 1604395 Pollutant: Oils and Fuels Pollutant Description: Unidentified Oil	Water Impact: Category 3 (Minor) Land Impact: No Details Air Impact: No Details
C	46m SW	Incident Date: 03/12/2014 Incident Identification: 1298971 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Dust	Water Impact: - Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
C	47m SW	Incident Date: 25/03/2015 Incident Identification: 1323247 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Dust	Water Impact: - Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)
C	50m S	Incident Date: 25/05/2007 Incident Identification: 497621 Pollutant: Contaminated Water Pollutant Description: Firefighting Run-Off	Water Impact: Category 2 (Significant) Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)
C	52m SW	Incident Date: 04/06/2015 Incident Identification: 1342283 Pollutant: Inert Materials and Wastes Pollutant Description: Other Inert Material or Waste	Water Impact: - Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)
C	53m S	Incident Date: 23/10/2014 Incident Identification: 1288936 Pollutant: Multiple Pollutants Pollutant Description: 2 Pollutants Including Other Odour	Water Impact: - Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)
C	53m S	Incident Date: 01/08/2013 Incident Identification: 1142191 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Dust	Water Impact: - Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)

ID	Location	Details	
C	53m S	Incident Date: 23/05/2020 Incident Identification: 2003572 Pollutant: Contaminated Water Pollutant Description: Firefighting Run	Water Impact: Category 2 (Significant) Land Impact: No Details Air Impact: Category 2 (Significant)
C	54m SE	Incident Date: 19/12/2013 Incident Identification: 1184723 Pollutant: Specific Waste Materials Pollutant Description: Commercial Waste	Water Impact: - Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)
C	54m S	Incident Date: 06/06/2014 Incident Identification: 1242731 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Dust	Water Impact: - Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
C	55m S	Incident Date: 04/09/2014 Incident Identification: 1274310 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Dust	Water Impact: - Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
C	57m S	Incident Date: 08/12/2014 Incident Identification: 1299978 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Steam	Water Impact: - Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
B	61m NW	Incident Date: 22/11/2016 Incident Identification: 1606987 Pollutant: - Pollutant Description: -	Water Impact: Category 3 (Minor) Land Impact: No Details Air Impact: No Details
B	61m NW	Incident Date: 22/11/2016 Incident Identification: 1606987 Pollutant: Oils and Fuels Pollutant Description: Unidentified Oil	Water Impact: Category 3 (Minor) Land Impact: No Details Air Impact: No Details
C	64m SW	Incident Date: 29/09/2014 Incident Identification: 1282155 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Dust	Water Impact: - Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)
C	65m SW	Incident Date: 19/05/2014 Incident Identification: 1236658 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Dust	Water Impact: - Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)
C	65m SW	Incident Date: 22/09/2014 Incident Identification: 1279895 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Dust	Water Impact: - Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)



ID	Location	Details	
C	65m SW	Incident Date: 16/09/2014 Incident Identification: 1278265 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Dust	Water Impact: - Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
C	67m SW	Incident Date: 17/04/2015 Incident Identification: 1329614 Pollutant: Specific Waste Materials Pollutant Description: Other Specific Waste Material	Water Impact: - Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)
B	69m W	Incident Date: 20/04/2002 Incident Identification: 73352 Pollutant: Oils and Fuel Pollutant Description: Diesel	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
C	69m SW	Incident Date: 30/06/2014 Incident Identification: 1250706 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Dust	Water Impact: - Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)
B	74m NW	Incident Date: 23/01/2017 Incident Identification: 1700388 Pollutant: - Pollutant Description: -	Water Impact: Category 3 (Minor) Land Impact: Other Air Impact: Other
B	74m NW	Incident Date: 23/01/2017 Incident Identification: 1700388 Pollutant: Pollutant Not Identified Pollutant Description: Pollutant Not Identified	Water Impact: Category 3 (Minor) Land Impact: Other Air Impact: Other
C	79m S	Incident Date: 11/09/2014 Incident Identification: 1276534 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Dust	Water Impact: - Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
C	81m SE	Incident Date: 27/11/2015 Incident Identification: 1390562 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Dust	Water Impact: - Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)
C	81m SW	Incident Date: 17/07/2014 Incident Identification: 1256974 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Dust	Water Impact: - Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)
C	84m S	Incident Date: 05/10/2016 Incident Identification: 1606069 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Dust	Water Impact: Other Land Impact: Other Air Impact: Category 3 (Minor)

ID	Location	Details	
C	84m S	Incident Date: 05/10/2016 Incident Identification: 1606069 Pollutant: - Pollutant Description: -	Water Impact: Other Land Impact: Other Air Impact: Category 3 (Minor)
C	86m SW	Incident Date: 30/09/2015 Incident Identification: 1377056 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Dust	Water Impact: - Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)
C	91m S	Incident Date: 15/10/2014 Incident Identification: 1287009 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Dust	Water Impact: - Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)
B	96m NW	Incident Date: 20/02/2015 Incident Identification: 1315409 Pollutant: Inert Materials and Wastes Pollutant Description: Other Inert Material or Waste	Water Impact: - Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
B	123m NW	Incident Date: 26/06/2009 Incident Identification: 691429 Pollutant: Contaminated Water Pollutant Description: Vegetable Washings	Water Impact: Category 2 (Significant) Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)
E	131m W	Incident Date: 17/07/2003 Incident Identification: 174571 Pollutant: Sewage Materials Pollutant Description: Crude Sewage	Water Impact: Category 3 (Minor) Land Impact: Category 3 (Minor) Air Impact: Category 3 (Minor)
G	199m NE	Incident Date: 14/07/2002 Incident Identification: 91450 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Smoke	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 2 (Significant)
H	218m N	Incident Date: 16/02/2016 Incident Identification: 1411660 Pollutant: Oils and Fuel Pollutant Description: Diesel	Water Impact: - Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
10	234m NW	Incident Date: 15/05/2013 Incident Identification: 1113038 Pollutant: Sewage Materials Pollutant Description: Crude Sewage	Water Impact: - Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
J	247m N	Incident Date: 02/01/2008 Incident Identification: 553362 Pollutant: Sewage Materials Pollutant Description: Process Effluent	Water Impact: Category 2 (Significant) Land Impact: Category 3 (Minor) Air Impact: Category 3 (Minor)



ID	Location	Details	
13	264m W	Incident Date: 21/03/2002 Incident Identification: 65555 Pollutant: Inorganic Chemicals/Products Pollutant Description: Ammonia Solutions	Water Impact: Category 3 (Minor) Land Impact: Category 3 (Minor) Air Impact: Category 3 (Minor)
L	354m NE	Incident Date: 14/06/2016 Incident Identification: 1603273 Pollutant: - Pollutant Description: -	Water Impact: No Details Land Impact: No Details Air Impact: Category 4 (No Impact)
L	354m NE	Incident Date: 14/06/2016 Incident Identification: 1603273 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Other Atmospheric Pollutant or Effect	Water Impact: No Details Land Impact: No Details Air Impact: Category 4 (No Impact)
17	401m SW	Incident Date: 23/09/2003 Incident Identification: 191906 Pollutant: Oils and Fuel Pollutant Description: Diesel	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 3 (Minor)
P	427m NE	Incident Date: 27/03/2015 Incident Identification: 1323952 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Smoke	Water Impact: - Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
P	427m NE	Incident Date: 02/05/2013 Incident Identification: 1108584 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Smoke	Water Impact: - Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
P	429m NE	Incident Date: 29/02/2016 Incident Identification: 1415189 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Smoke	Water Impact: - Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
O	429m NW	Incident Date: 15/07/2001 Incident Identification: 16543 Pollutant: Inorganic Chemicals/Products Pollutant Description: Acids	Water Impact: Category 2 (Significant) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
P	432m NE	Incident Date: 04/08/2016 Incident Identification: 1604414 Pollutant: - Pollutant Description: -	Water Impact: No Details Land Impact: No Details Air Impact: Category 4 (No Impact)
P	432m NE	Incident Date: 04/08/2016 Incident Identification: 1604414 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Other Atmospheric Pollutant or Effect	Water Impact: No Details Land Impact: No Details Air Impact: Category 4 (No Impact)



ID	Location	Details	
P	443m NE	Incident Date: 26/08/2015 Incident Identification: 1368254 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Other Atmospheric Pollutant or Effect	Water Impact: - Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
R	471m W	Incident Date: 16/07/2014 Incident Identification: 1256528 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Smoke	Water Impact: - 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
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The pollution inventory (substances) includes reporting on annual emissions of certain regulated substances to air, controlled waters and land. A reporting threshold for each substance is also included. Where emissions fall below the reporting threshold, no value will be given. The data is given for the most recent complete year available.

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

4.20 Pollution inventory waste transfers

Records within 500m	0
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The pollution inventory (waste transfers) includes reporting on annual transfers and recovery/disposal of controlled wastes from a site. A reporting threshold for each waste type is also included. Where releases fall below the reporting threshold, no value will be given. The data is given for the most recent complete year available.

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

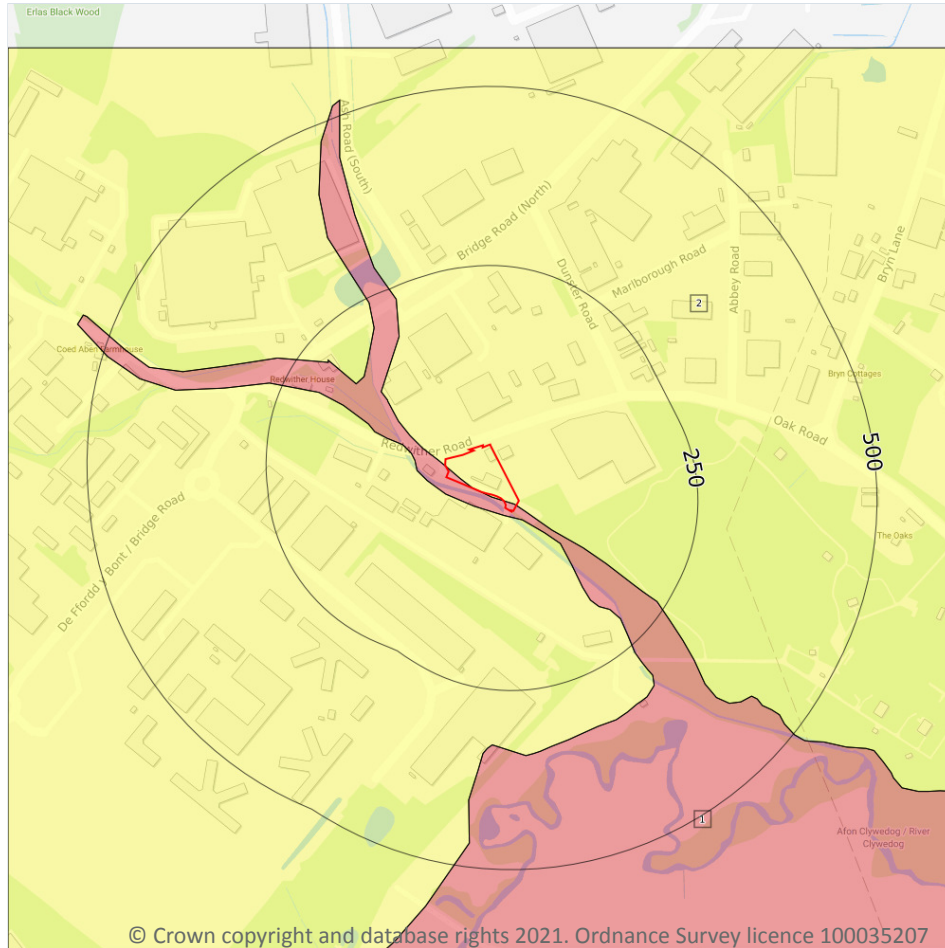
4.21 Pollution inventory radioactive waste

Records within 500m	0
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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 81**

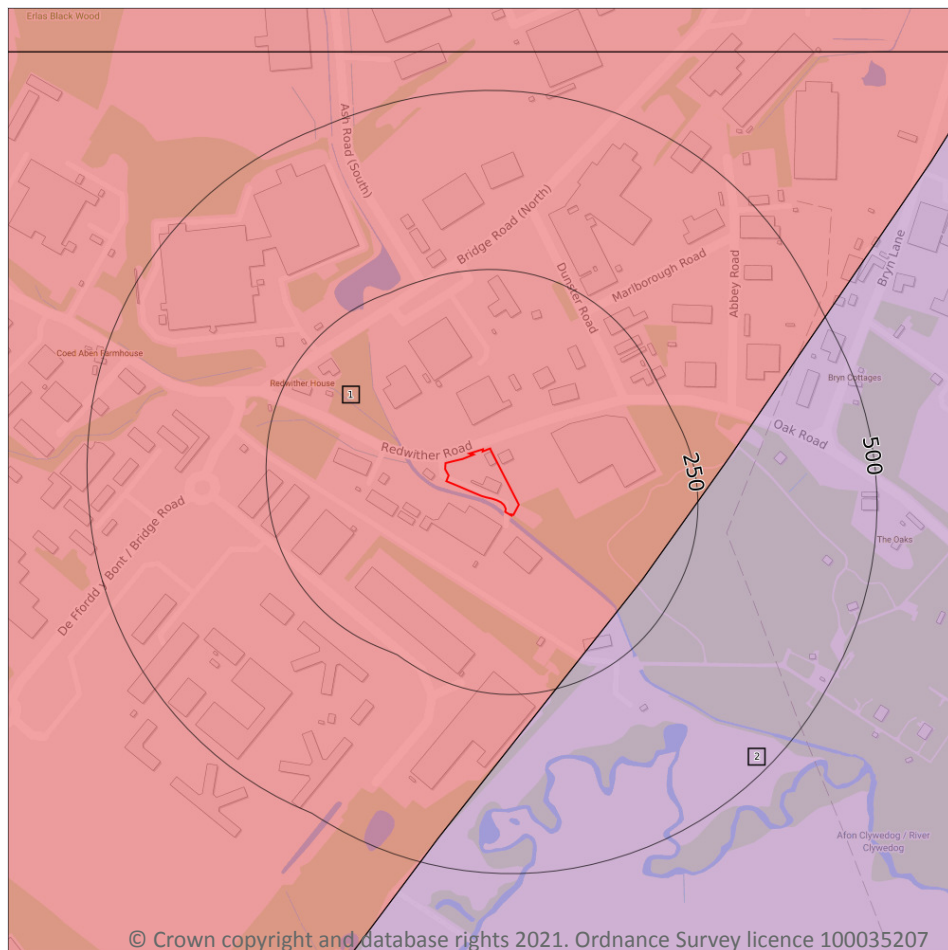
ID	Location	Designation	Description
1	On site	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers
2	On site	Secondary Undifferentiated	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type



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 83**

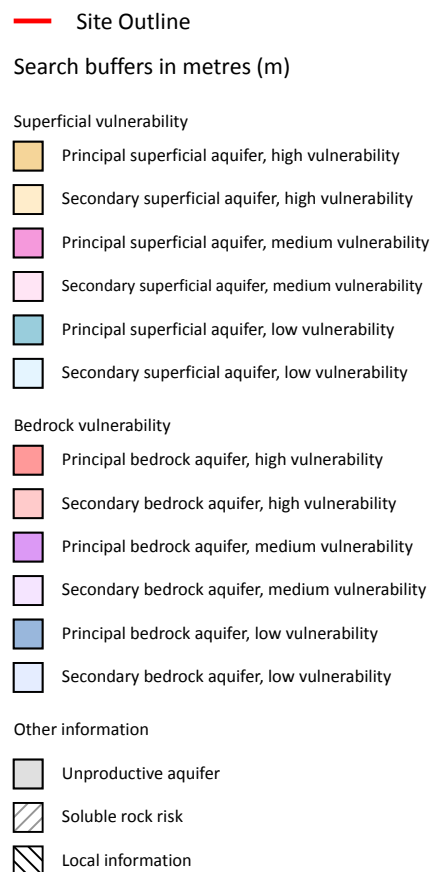
ID	Location	Designation	Description
1	On site	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers
2	197m SE	Principal	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

3

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

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

Features are displayed on the Groundwater vulnerability map on **page 85**

ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
1	On site	Summary Classification: Secondary superficial aquifer - Low Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Low Infiltration value: <40% Dilution value: 300- 550mm/year	Vulnerability: Low Aquifer type: Secondary Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Secondary Flow mechanism: Well connected fractures
2	On site	Summary Classification: Secondary superficial aquifer - Low Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Low Infiltration value: <40% Dilution value: 300- 550mm/year	Vulnerability: Low Aquifer type: Secondary Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Secondary Flow mechanism: Well connected fractures
3	7m S	Summary Classification: Secondary superficial aquifer - Low Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Low Infiltration value: <40% Dilution value: 300- 550mm/year	Vulnerability: Low Aquifer type: Secondary Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Secondary Flow mechanism: Well connected fractures

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

5.4 Groundwater vulnerability- soluble rock risk

Records on site

0

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

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

5.5 Groundwater vulnerability- local information

Records on site

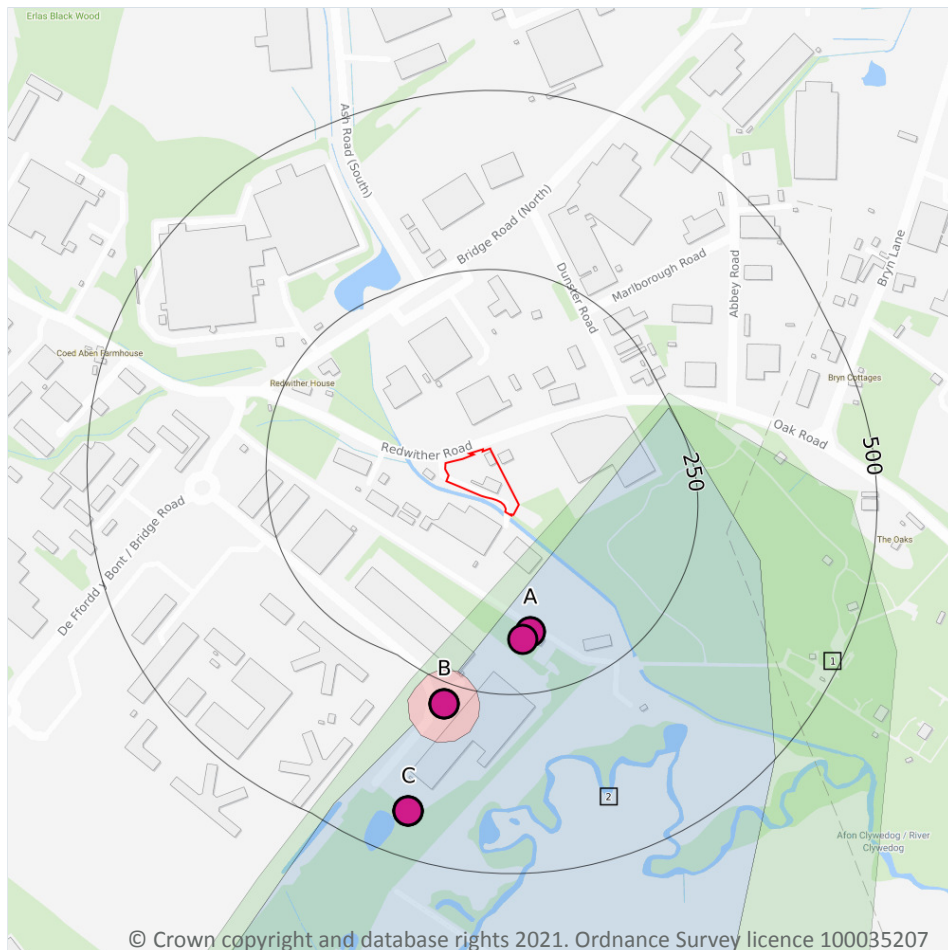
0

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

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



Abstractions and Source Protection Zones



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

5.6 Groundwater abstractions

Records within 2000m

11

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 87**

ID	Location	Details	
A	164m S	Status: Historical Licence No: 24/67/7/0213 Details: Process water Direct Source: EAW Groundwater Point: 144 M DEEP, 200MM DIA BH AW2 Data Type: Point Name: Calypso Soft Drinks Ltd Easting: 338360 Northing: 349190	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 10/09/1998 Expiry Date: 10/09/2001 Issue No: 100 Version Start Date: 10/09/1998 Version End Date: -
A	164m S	Status: Historical Licence No: 24/67/7/0222 Details: Process Water Direct Source: EAW Groundwater Point: 144 M DEEP, 200MM DIA BH AW2 Data Type: Point Name: Calypso Soft Drinks Ltd Easting: 338360 Northing: 349190	Annual Volume (m ³): 131400 Max Daily Volume (m ³): 600 Original Application No: - Original Start Date: 10/09/2001 Expiry Date: 31/03/2012 Issue No: 1 Version Start Date: 10/09/2001 Version End Date: -
A	173m S	Status: Historical Licence No: WA/067/0007/006 Details: Process Water Direct Source: EAW Groundwater Point: SPECTRUM BUSINESS PARK BOREHOLE AW2 Data Type: Point Name: Calypso Soft Drinks Ltd Easting: 338350 Northing: 349180	Annual Volume (m ³): 131400 Max Daily Volume (m ³): 600 Original Application No: - Original Start Date: 01/04/2012 Expiry Date: 31/03/2022 Issue No: 1 Version Start Date: 01/04/2012 Version End Date: -
B	278m S	Status: Historical Licence No: 24/67/7/0213 Details: Process water Direct Source: EAW Groundwater Point: 144M DEEP, 150MM DIA., OB1 Data Type: Point Name: Calypso Soft Drinks Ltd Easting: 338240 Northing: 349090	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 10/09/1998 Expiry Date: 10/09/2001 Issue No: 100 Version Start Date: 10/09/1998 Version End Date: -
B	278m S	Status: Historical Licence No: 24/67/7/0222 Details: Process Water Direct Source: EAW Groundwater Point: 144M DEEP, 150MM DIA., OB1 Data Type: Point Name: Calypso Soft Drinks Ltd Easting: 338240 Northing: 349090	Annual Volume (m ³): 131400 Max Daily Volume (m ³): 600 Original Application No: - Original Start Date: 10/09/2001 Expiry Date: 31/03/2012 Issue No: 1 Version Start Date: 10/09/2001 Version End Date: -

ID	Location	Details	
B	278m S	Status: Historical Licence No: WA/067/0007/006 Details: Process Water Direct Source: EAW Groundwater Point: 144M DEEP, 150MM DIA., OB1 Data Type: Point Name: Calypso Soft Drinks Ltd Easting: 338240 Northing: 349090	Annual Volume (m ³): 131400 Max Daily Volume (m ³): 600 Original Application No: - Original Start Date: 01/04/2012 Expiry Date: 31/03/2022 Issue No: 1 Version Start Date: 01/04/2012 Version End Date: -
C	437m S	Status: Historical Licence No: 24/67/7/0213 Details: Process water Direct Source: EAW Groundwater Point: 144M DEEP, 150MM DIA. BOREHOLE AW1 Data Type: Point Name: Calypso Soft Drinks Ltd Easting: 338190 Northing: 348940	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 10/09/1998 Expiry Date: 10/09/2001 Issue No: 100 Version Start Date: 10/09/1998 Version End Date: -
C	437m S	Status: Historical Licence No: 24/67/7/0222 Details: Process Water Direct Source: EAW Groundwater Point: 144M DEEP, 150MM DIA. BOREHOLE AW1 Data Type: Point Name: Calypso Soft Drinks Ltd Easting: 338190 Northing: 348940	Annual Volume (m ³): 131400 Max Daily Volume (m ³): 600 Original Application No: - Original Start Date: 10/09/2001 Expiry Date: 31/03/2012 Issue No: 1 Version Start Date: 10/09/2001 Version End Date: -
C	437m S	Status: Historical Licence No: WA/067/0007/006 Details: Process Water Direct Source: EAW Groundwater Point: 144M DEEP, 150MM DIA. BOREHOLE AW1 Data Type: Point Name: Calypso Soft Drinks Ltd Easting: 338190 Northing: 348940	Annual Volume (m ³): 131400 Max Daily Volume (m ³): 600 Original Application No: - Original Start Date: 01/04/2012 Expiry Date: 31/03/2022 Issue No: 1 Version Start Date: 01/04/2012 Version End Date: -
C	437m S	Status: Active Licence No: WA/067/0007/006 Details: Process Water - Medium Direct Source: Underground strata Point: - Data Type: Point Name: - Easting: 338190 Northing: 348940	Annual Volume (m ³): 131,400 Max Daily Volume (m ³): 600 Original Application No: - Original Start Date: Oct 2 2016 12:00AM Expiry Date: Mar 30 2027 12:00AM Issue No: - Version Start Date: - Version End Date: -



ID	Location	Details	
-	1812m N	Status: Historical Licence No: 24/67/9/0130 Details: General Farming & Domestic Direct Source: EAW Groundwater Point: WELL Data Type: Point Name: Taylor Easting: 337980 Northing: 351230	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 14/06/1968 Expiry Date: - Issue No: 100 Version Start Date: 14/06/1968 Version End Date: -

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

5.7 Surface water abstractions

Records within 2000m	1
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Licensed surface water abstractions for sites extracting more than 20 cubic metres of water a day and includes active and historical records. The data may be for a single abstraction point, a stretch of watercourse or a larger area.

Features are displayed on the Abstractions and Source Protection Zones map on **page 87**

ID	Location	Details	
-	1157m N	Status: Historical Licence No: 24/67/7/0178 Details: Non-Evaporative Cooling Direct Source: EAW Surface Water Point: TRIBUTARY OF REDWITHER BROOK Data Type: Point Name: Caparo Wire Ltd Easting: 337810 Northing: 350500	Annual Volume (m ³): 9955.74 Max Daily Volume (m ³): 27.276 Original Application No: - Original Start Date: 12/05/1972 Expiry Date: - Issue No: 100 Version Start Date: 01/04/2007 Version End Date: -

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

5.8 Potable abstractions

Records within 2000m	0
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Licensed potable water abstractions for sites extracting more than 20 cubic metres of water a day and includes active and historical records. The data may be for a single abstraction point, a stretch of watercourse or a larger area.

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

5.9 Source Protection Zones

Records within 500m**3**

Source Protection Zones define the sensitivity of an area around a potable abstraction site to contamination. Features are displayed on the Abstractions and Source Protection Zones map on **page 87**

ID	Location	Type	Description
1	47m SE	3	Total catchment
2	76m SE	2	Outer catchment
B	230m S	1	Inner catchment

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

14

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 92**

ID	Location	Type of water feature	Ground level	Permanence	Name
A	3m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Redwither Brook



ID	Location	Type of water feature	Ground level	Permanence	Name
B	4m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Redwither Brook
C	52m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Redwither Brook
D	52m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
C	75m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Redwither Brook
C	75m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
E	84m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
E	86m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Redwither Brook
F	199m NW	Lake, loch or reservoir.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
F	204m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
F	207m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
F	213m NW	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
G	234m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Redwither Brook
F	244m NW	Lake, loch or reservoir.	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

9

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 92**

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 92**

ID	Location	Type	Water body catchment	Water body ID	Operational catchment	Management catchment
1	On site	River WB catchment	Clywedog - Dee to Gwenfro	GB111067052110	Clywedog - Dee	Dee

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.

Features are displayed on the Hydrology map on **page 92**

ID	Location	Type	Name	Water body ID	Overall rating	Chemical rating	Ecological rating	Year
5	345m S	River	Clywedog - Dee to Gwenfro	GB111067052110	Moderate	Fail	Moderate	2016

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



6.5 WFD Groundwater bodies

Records on site

2

Groundwater bodies are also covered by the Directive and the same regime of objectives and reporting detailed in the previous section is in place.

Features are displayed on the Hydrology map on **page 92**

ID	Location	Name	Water body ID	Overall rating	Chemical rating	Quantitative	Year
A	On site	Dee Permo-Triassic Sandstone	GB41101G202400	Good	Good	Good	2015
A	On site	Dee Permo-Triassic Sandstone	GB41101G202400	Good	Good	Good	2016

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



7 River and coastal flooding



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

7.1 Risk of Flooding from Rivers and Sea (RoFRaS)

Records within 50m

17

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).

Features are displayed on the River and coastal flooding map on **page 96**

Distance	RoFRaS flood risk
On site	High
0 - 50m	High

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

7.2 Historical Flood Events

Records within 250m

0

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

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

7.3 Flood Defences

Records within 250m

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

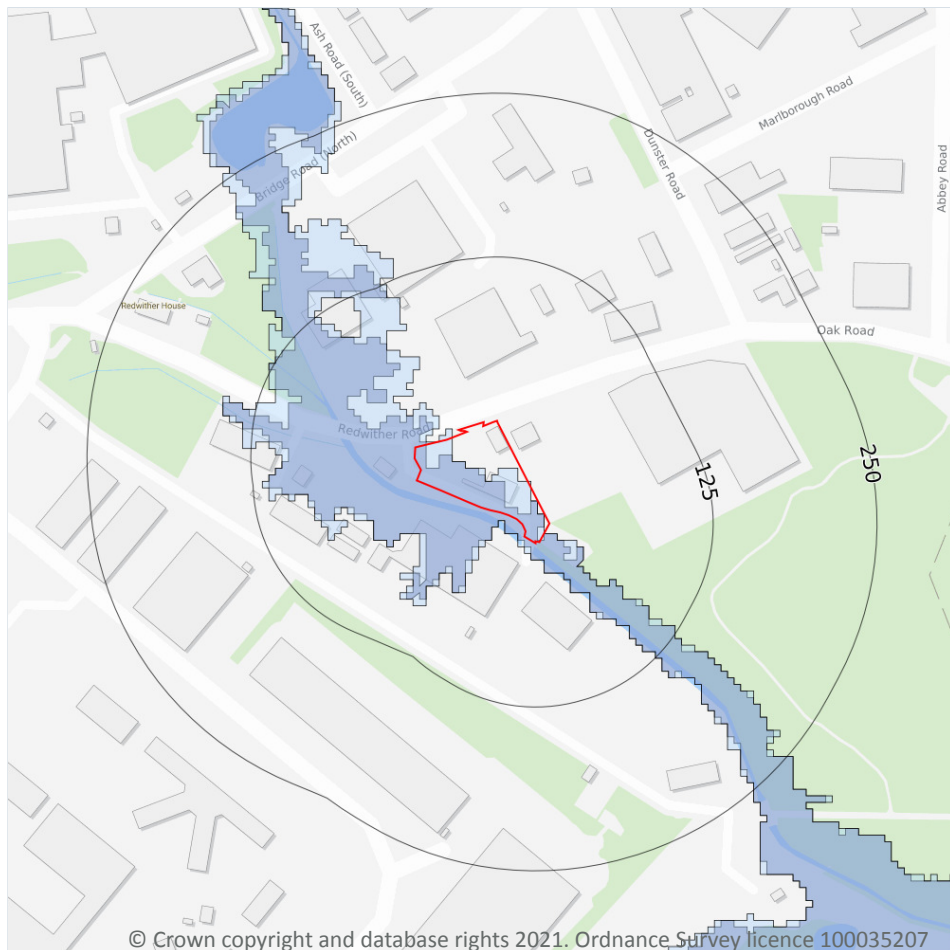
Records within 250m

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



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

7.6 Flood Zone 2

Records within 50m

1

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

Features are displayed on the River and coastal flooding map on **page 96**

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

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

7.7 Flood Zone 3

Records within 50m

1

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

Features are displayed on the River and coastal flooding map on **page 96**

Location	Type
On site	Zone 3 - (Fluvial Models)

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



8 Surface water flooding



— Site Outline

Search buffers in metres (m)

1 in 1000 return period

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

1 in 250 return period

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

1 in 100 return period

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

1 in 30 return period

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

8.1 Surface water flooding

Highest risk on site

1 in 100 year, 0.3m - 1.0m

Highest risk within 50m

1 in 30 year, 0.1m - 0.3m

Ambiental Risk Analytics surface water (pluvial) FloodMap identifies areas likely to flood as a result of extreme rainfall events, i.e. land naturally vulnerable to surface water ponding or flooding. This data set was produced by simulating 1 in 30 year, 1 in 100 year, 1 in 250 year and 1 in 1,000 year rainfall events. Modern urban drainage systems are typically built to cope with rainfall events between 1 in 20 and 1 in 30 years, though some older ones may flood in a 1 in 5 year rainfall event.

Features are displayed on the Surface water flooding map on **page 100**

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

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

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

This data is sourced from Ambiental Risk Analytics.



9 Groundwater flooding



— Site Outline
Search buffers in metres (m)

- High
- Moderate - High
- Moderate
- Low
- Negligible

9.1 Groundwater flooding

Highest risk on site

Low

Highest risk within 50m

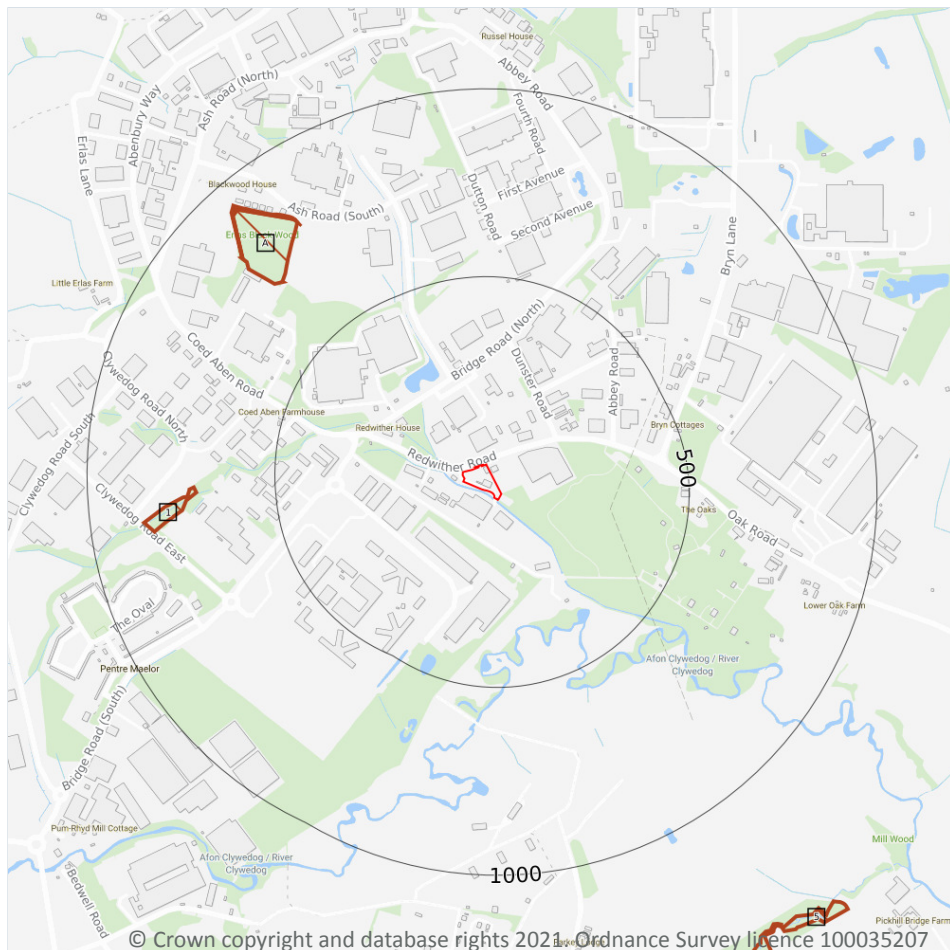
Low

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

Features are displayed on the Groundwater flooding map on **page 102**

This data is sourced from Ambiantal Risk Analytics.

10 Environmental designations



- Site Outline
- Search buffers in metres (m)
- Designated Ancient Woodland

10.1 Sites of Special Scientific Interest (SSSI)

Records within 2000m

0

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

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

10.2 Conserved wetland sites (Ramsar sites)

Records within 2000m**0**

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

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

10.3 Special Areas of Conservation (SAC)

Records within 2000m**0**

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

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

10.4 Special Protection Areas (SPA)

Records within 2000m**0**

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

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

10.5 National Nature Reserves (NNR)

Records within 2000m**0**

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

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

10.6 Local Nature Reserves (LNR)

Records within 2000m

0

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

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

10.7 Designated Ancient Woodland

Records within 2000m

14

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 103**

ID	Location	Name	Woodland Type
A	696m NW	Unknown	Restored Ancient Woodland Site
1	710m W	Unknown	Ancient Semi Natural Woodland
A	803m NW	Unknown	Restored Ancient Woodland Site
2	1321m S	Unknown	Ancient Semi Natural Woodland
-	1325m W	Unknown	Ancient Semi Natural Woodland
-	1326m S	Unknown	Ancient Semi Natural Woodland
5	1364m SE	Unknown	Ancient Semi Natural Woodland
-	1467m S	Unknown	Ancient Semi Natural Woodland
-	1603m S	Unknown	Ancient Semi Natural Woodland
-	1735m NW	Unknown	Ancient Semi Natural Woodland
-	1852m S	Unknown	Restored Ancient Woodland Site
-	1894m NW	Unknown	Restored Ancient Woodland Site
-	1935m W	Unknown	Ancient Semi Natural Woodland
-	1953m SW	Unknown	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

0

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

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.

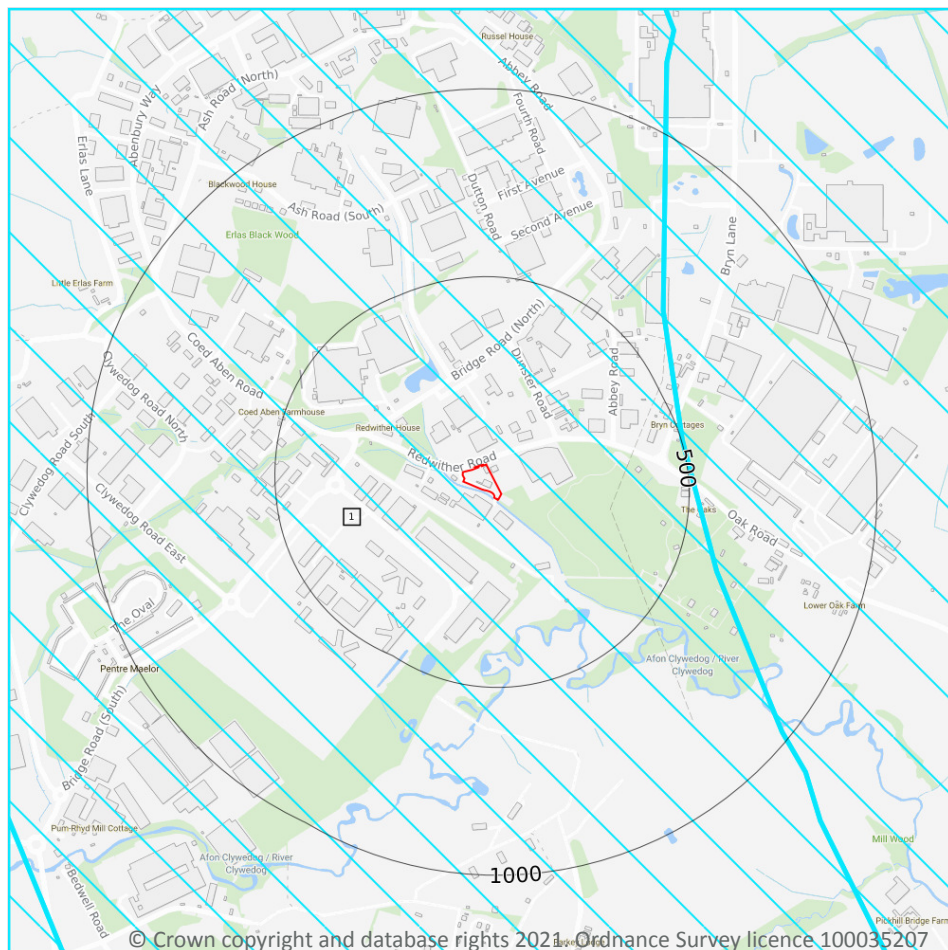
10.16 Nitrate Vulnerable Zones

Records within 2000m**0**

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.

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

SSSI Impact Zones and Units



- Site Outline
- Search buffers in metres (m)
- ▨ SSSI Impact Risk Zones
- SSSI Units
- Not recorded
- Favourable
- Unfavourable - Recovering
- Unfavourable - No change
- Unfavourable - Declining
- Partially destroyed
- Destroyed

10.17 SSSI Impact Risk Zones

Records on site

1

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

Features are displayed on the SSSI Impact Zones and Units map on **page 108**

ID	Location	Type of developments requiring consultation
1	On site	Infrastructure - Airports, helipads and other aviation proposals. Air pollution - Any industrial/agricultural development that could cause AIR POLLUTION (incl: industrial processes, 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
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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.



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 3a - good quality
- Grade 3b - moderate quality
- Grade 4 - poor quality
- Grade 5 - very poor quality
- Timber felling licences
- Open Access land

12.1 Agricultural Land Classification

Records within 250m

2

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 112**

ID	Location	Classification	Description
2	59m E	Grade 3a	Good to moderate quality agricultural land
3	208m SW	Grade 3a	Good to moderate quality agricultural land

This data is sourced from Natural Resources Wales.

12.2 Open Access Land

Records within 250m

0

The Countryside and Rights of Way Act 2000 (CROW Act) gives a public right of access to land without having to use paths. Access land includes mountains, moors, heaths and downs that are privately owned. It also includes common land registered with the local council and some land around the England Coast Path. Generally permitted activities on access land are walking, running, watching wildlife and climbing.

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

12.3 Tree Felling Licences

Records within 250m

0

Felling Licence Application (FLA) areas approved by Forestry Commission England. Anyone wishing to fell trees must ensure that a licence or permission under a grant scheme has been issued by the Forestry Commission before any felling is carried out or that one of the exceptions apply.

This data is sourced from the Forestry Commission.

12.4 Environmental Stewardship Schemes

Records within 250m

0

Environmental Stewardship covers a range of schemes that provide financial incentives to farmers, foresters and land managers to look after and improve the environment. The schemes identified may be historical schemes that have now expired, or may still be active.

This data is sourced from Natural England.

12.5 Countryside Stewardship Schemes

Records within 250m

0

Countryside Stewardship covers a range of schemes that provide financial incentives to farmers, foresters and land managers to look after and improve the environment. Main objectives are to improve the farmed environment for wildlife and to reduce diffuse water pollution.

This data is sourced from Natural England.

13 Habitat designations

13.1 Priority Habitat Inventory

Records within 250m

0

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

This data is sourced from Natural England.

13.2 Habitat Networks

Records within 250m

0

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

This data is sourced from Natural England.

13.3 Open Mosaic Habitat

Records within 250m

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

1

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

Features are displayed on the Geology 1:10,000 scale - Availability map on **page 115**

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	Full	Full	Full	No coverage	SJ34NE

This data is sourced from the British Geological Survey.



-  Reclaimed ground
-  Made ground
-  Worked ground
-  Infilled ground
-  Disturbed ground
-  Landscaped ground

Records within 500m	3
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Features are displayed on the Geology 1:10,000 scale - Artificial and made ground map on **page 116**

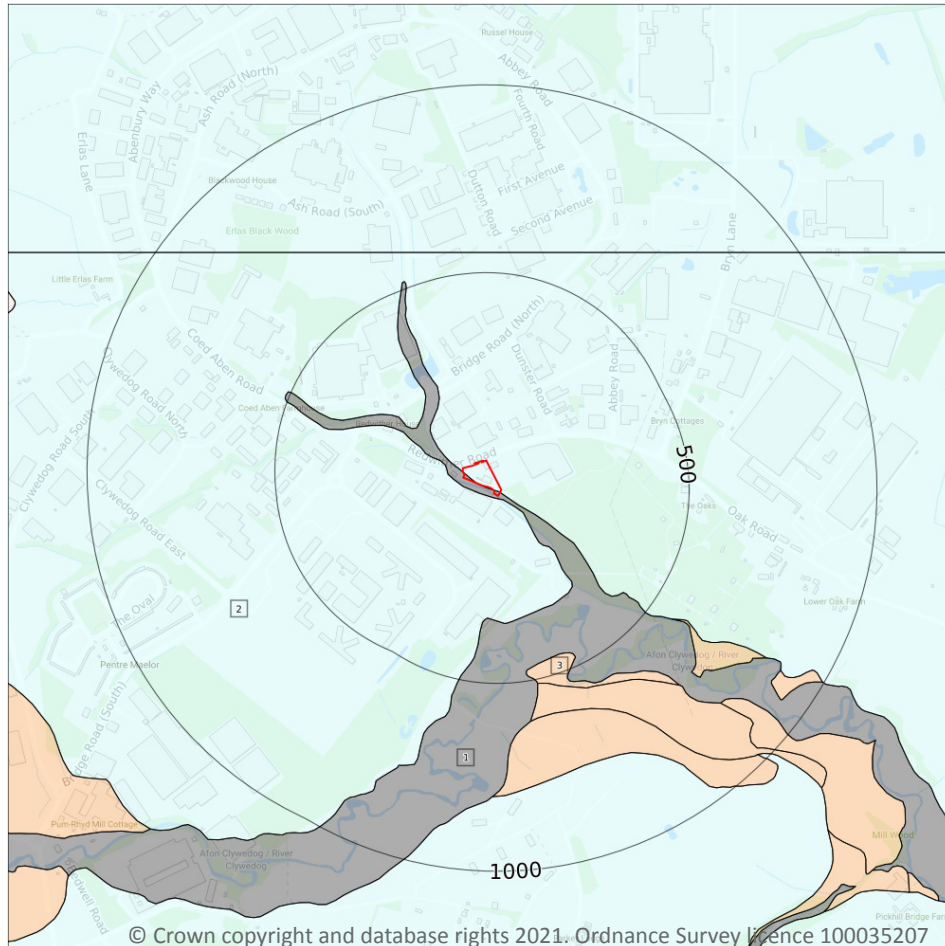
ID	Location	LEX Code	Description	Rock description
1	On site	LSGR-UNKNOWN	Landscaped Ground (Undivided)	Unknown/unclassified Entry
2	245m NW	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
3	253m SW	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit


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

Date: 22 July 2021



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

3

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 117**

ID	Location	LEX Code	Description	Rock description
1	On site	ALV-C	Alluvium - Clay (unlithified Deposits Coding Scheme)	Clay
2	On site	TILL-DMTN	Till - Diamicton	Diamicton
3	453m S	RTD1-XSV	River Terrace Deposits, 1 - Sand And Gravel	Sand And Gravel

This data is sourced from the British Geological Survey.



14.4 Landslip (10k)

Records within 500m

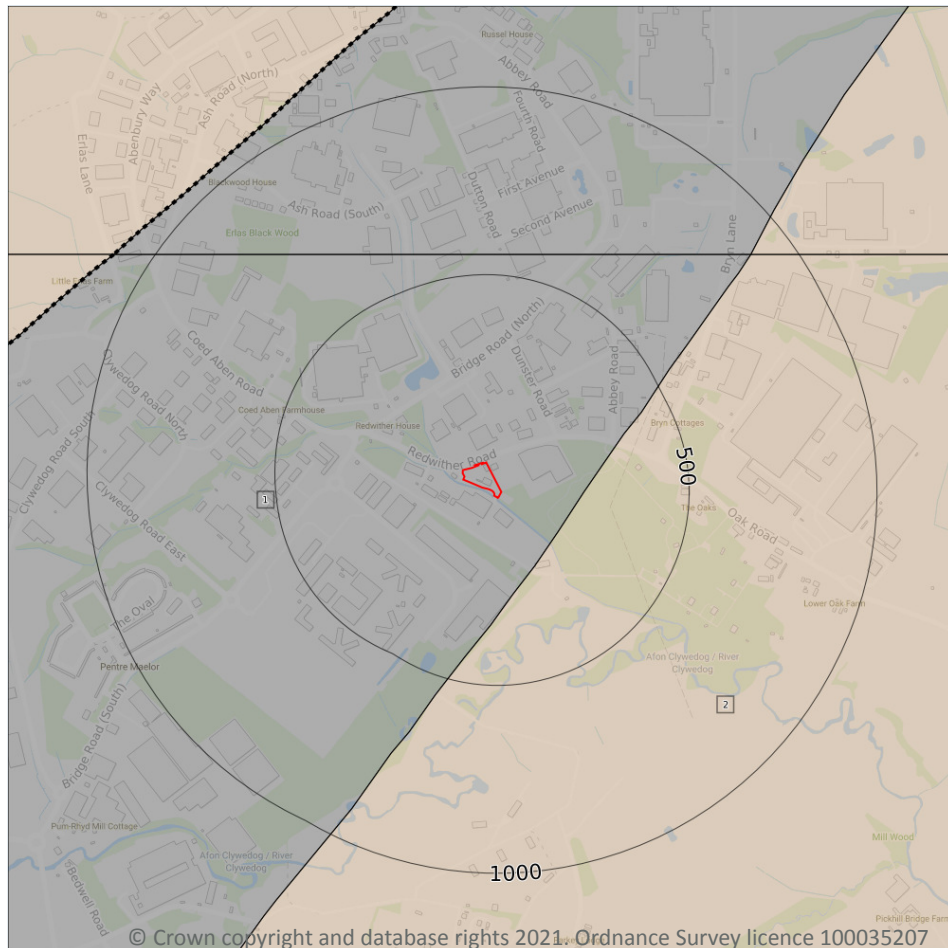
0

Mass movement deposits on BGS geological maps at 1:10,000 scale. Primarily superficial deposits that have moved down slope under gravity to form landslips. These affect bedrock, other superficial deposits and artificial ground.

This data is sourced from the British Geological Survey.



Geology 1:10,000 scale - Bedrock



Site Outline

Search buffers in metres (m)

..... Bedrock faults and other linear features (10k)

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

14.5 Bedrock geology (10k)

Records within 500m

2

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 119**

ID	Location	LEX Code	Description	Rock age
1	On site	SAL-CYCCM	Salop Formation - Sedimentary Rock Cycles, Coal Measure Type	Cisuralian Epoch - Westphalian D Sub-age
2	183m SE	KNSF-SDST	Kinnerton Sandstone Formation - Sandstone	Early Triassic Epoch

This data is sourced from the British Geological Survey.

14.6 Bedrock faults and other linear features (10k)

Records within 500m

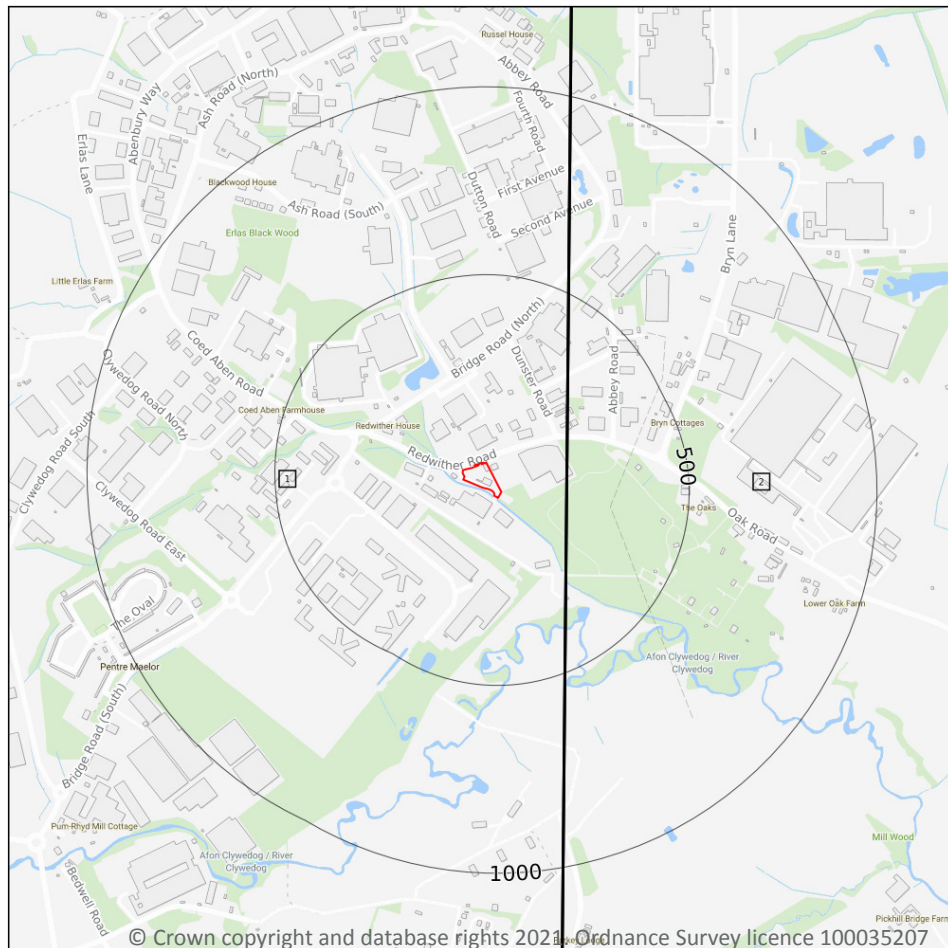
0

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.

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

2

An indication on the coverage of 1:50,000 scale geology data for the site. Either 'Full' or 'No coverage' for each geological theme. Where 50k data is not available, this area has been filled in with 625k scale data.

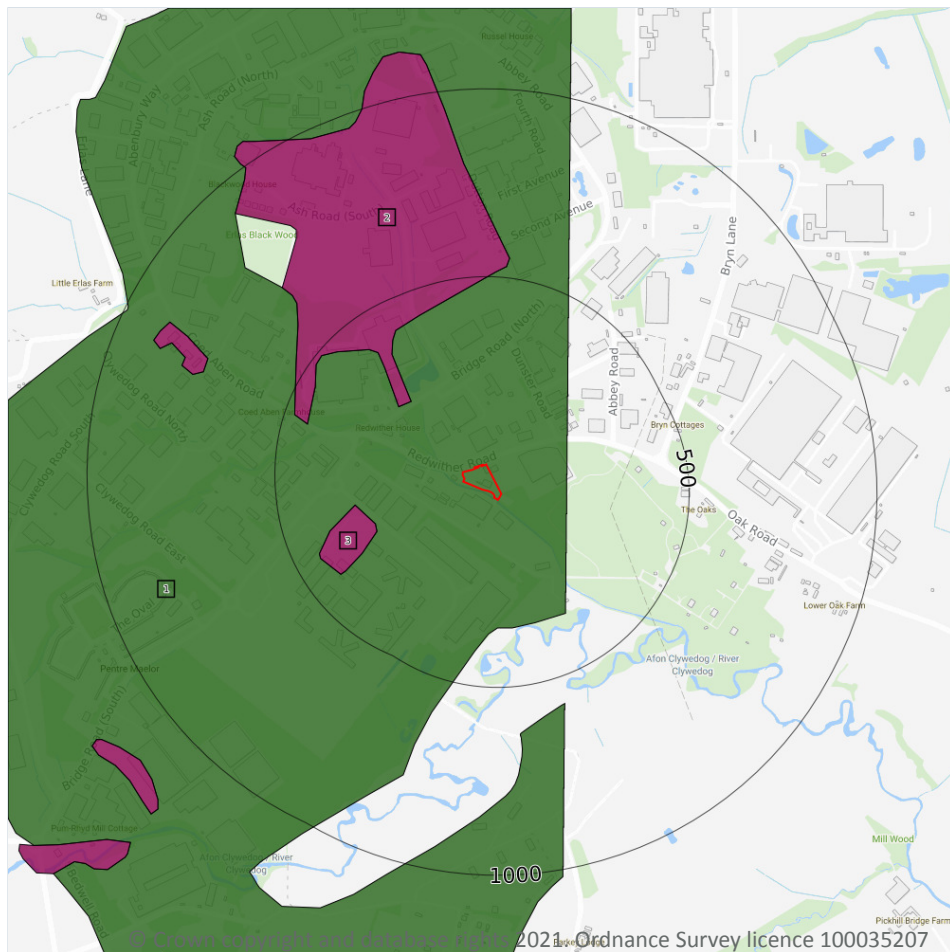
Features are displayed on the Geology 1:50,000 scale - Availability map on **page 121**

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	Full	Full	Full	Full	EW121_wrexham_v4
2	174m E	No coverage	Full	Full	Full	EW122_nantwich_v4

This data is sourced from the British Geological Survey.



Geology 1:50,000 scale - Artificial and made ground



- Site Outline
- Search buffers in metres (m)
- Made ground
 - Worked ground
 - Infilled ground
 - Disturbed ground
 - Landscaped ground

15.2 Artificial and made ground (50k)

Records within 500m

3

Details of made, worked, infilled, disturbed and landscaped ground at 1:50,000 scale. Artificial ground can be associated with potentially contaminated material, unpredictable engineering conditions and instability.

Features are displayed on the Geology 1:50,000 scale - Artificial and made ground map on **page 122**

ID	Location	LEX Code	Description	Rock description
1	On site	LSGR-ARTGR	LANDSCAPED GROUND (UNDIVIDED)	ARTIFICIALLY MODIFIED GROUND
2	233m NW	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT
3	260m SW	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT

This data is sourced from the British Geological Survey.



15.3 Artificial ground permeability (50k)

Records within 50m**1**

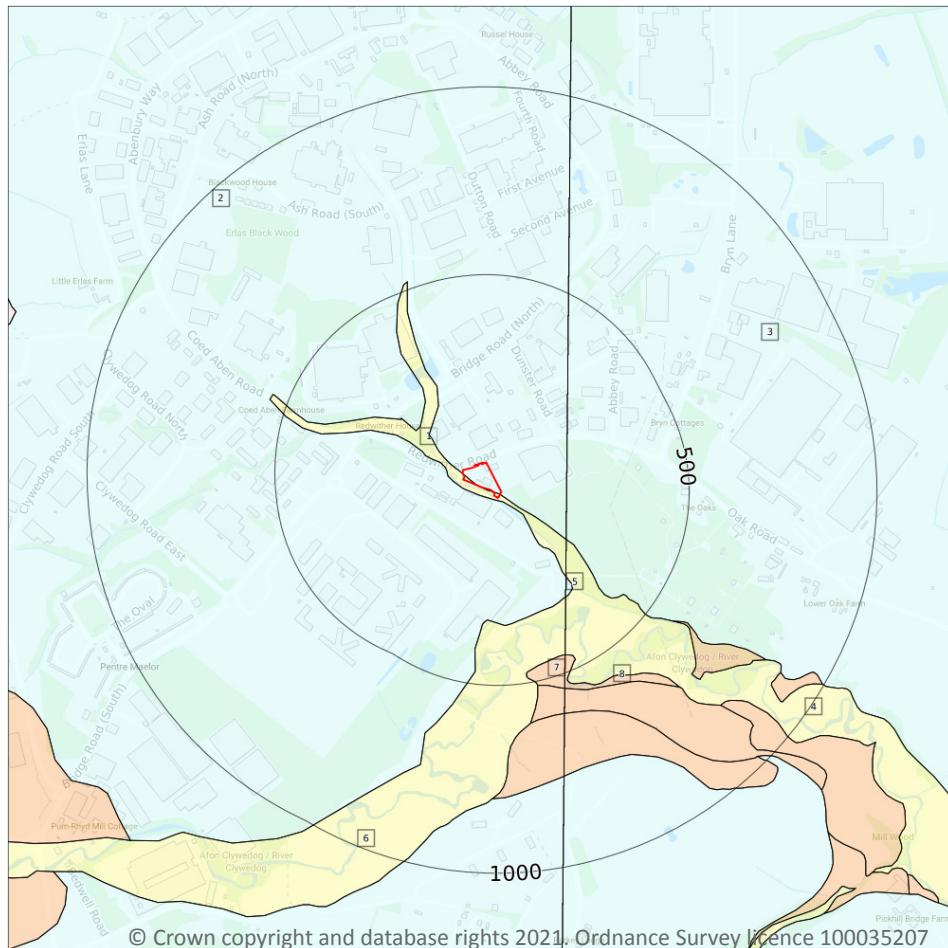
A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of any artificial deposits (the zone between the land surface and the water table).

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

This data is sourced from the British Geological Survey.



Geology 1:50,000 scale - Superficial



Site Outline

Search buffers in metres (m)

Landslip (50k)

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

15.4 Superficial geology (50k)

Records within 500m

8

Superficial geological deposits at 1:50,000 scale. Also known as 'drift', these are the youngest geological deposits, formed during the Quaternary. They rest on older deposits or rocks referred to as bedrock.

Features are displayed on the Geology 1:50,000 scale - Superficial map on **page 124**

ID	Location	LEX Code	Description	Rock description
1	On site	ALV-XCZSV	ALLUVIUM	CLAY, SILT, SAND AND GRAVEL
2	On site	TILLD-DMTN	TILL, DEVENSIAN	DIAMICTON
3	174m E	TILLD-DMTN	TILL, DEVENSIAN	DIAMICTON

ID	Location	LEX Code	Description	Rock description
4	213m SE	ALV-XCZSV	ALLUVIUM	CLAY, SILT, SAND AND GRAVEL
5	278m SE	TILLD-DMTN	TILL, DEVENSIAN	DIAMICTON
6	320m SE	ALV-XCZSV	ALLUVIUM	CLAY, SILT, SAND AND GRAVEL
7	453m S	RTD1-XSV	RIVER TERRACE DEPOSITS, 1	SAND AND GRAVEL
8	456m SE	RTD1-XSV	RIVER TERRACE DEPOSITS, 1	SAND AND GRAVEL

This data is sourced from the British Geological Survey.

15.5 Superficial 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 superficial deposits (the zone between the land surface and the water table).

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

This data is sourced from the British Geological Survey.

15.6 Landslip (50k)

Records within 500m

0

Mass movement deposits on BGS geological maps at 1:50,000 scale. Primarily superficial deposits that have moved down slope under gravity to form landslips. These affect bedrock, other superficial deposits and artificial ground.

This data is sourced from the British Geological Survey.

15.7 Landslip permeability (50k)

Records within 50m

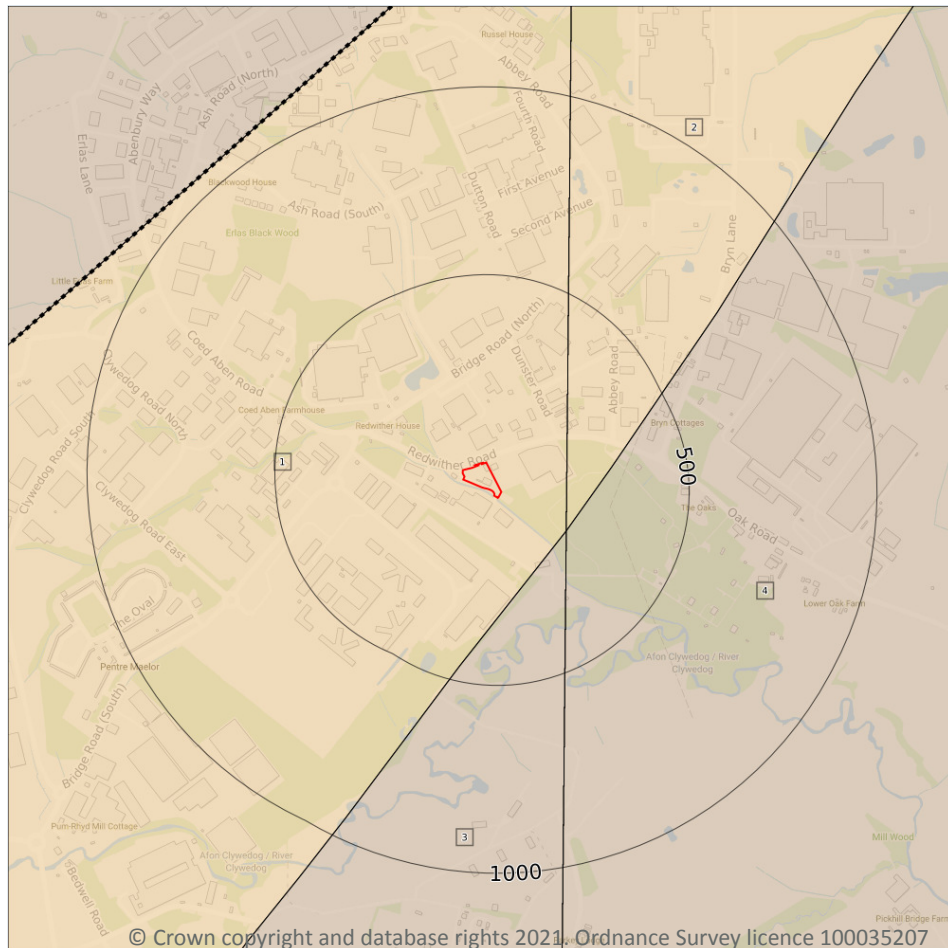
0

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

This data is sourced from the British Geological Survey.



Geology 1:50,000 scale - Bedrock



— Site Outline

Search buffers in metres (m)

.... Bedrock faults and other linear features (50k)

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

15.8 Bedrock geology (50k)

Records within 500m

4

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 126**

ID	Location	LEX Code	Description	Rock age
1	On site	SAL-MDSC	SALOP FORMATION - MUDSTONE, SANDSTONE AND CONGLOMERATE	WESTPHALIAN
2	174m E	SAL-MDSC	SALOP FORMATION - MUDSTONE, SANDSTONE AND CONGLOMERATE	WESTPHALIAN
3	197m SE	KNSF-SDST	KINNERTON SANDSTONE FORMATION - SANDSTONE	-



ID	Location	LEX Code	Description	Rock age
4	201m SE	KNSF-SDST	KINNERTON SANDSTONE FORMATION - SANDSTONE	-

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	Moderate	Low

This data is sourced from the British Geological Survey.

15.10 Bedrock faults and other linear features (50k)

Records within 500m

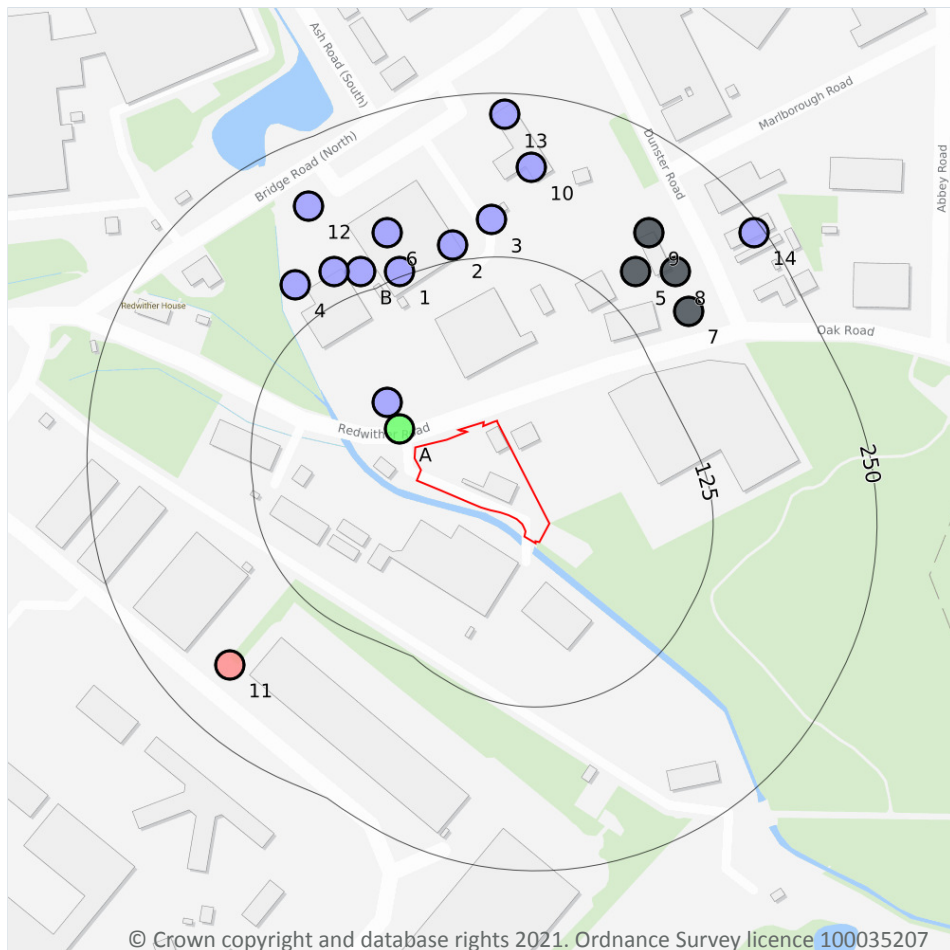
0

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.

This data is sourced from the British Geological Survey.



16 Boreholes



- Site Outline
- Search buffers in metres (m)
- Confidential
 - 0 - 10m
 - 10 - 30m
 - 30m+
 - Unknown

16.1 BGS Boreholes

Records within 250m

18

The Single Onshore Boreholes Index (SOBI); an index of over one million records of boreholes, shafts and wells from all forms of drilling and site investigation work held by the British Geological Survey. Covering onshore and nearshore boreholes dating back to at least 1790 and ranging from one to several thousand metres deep.

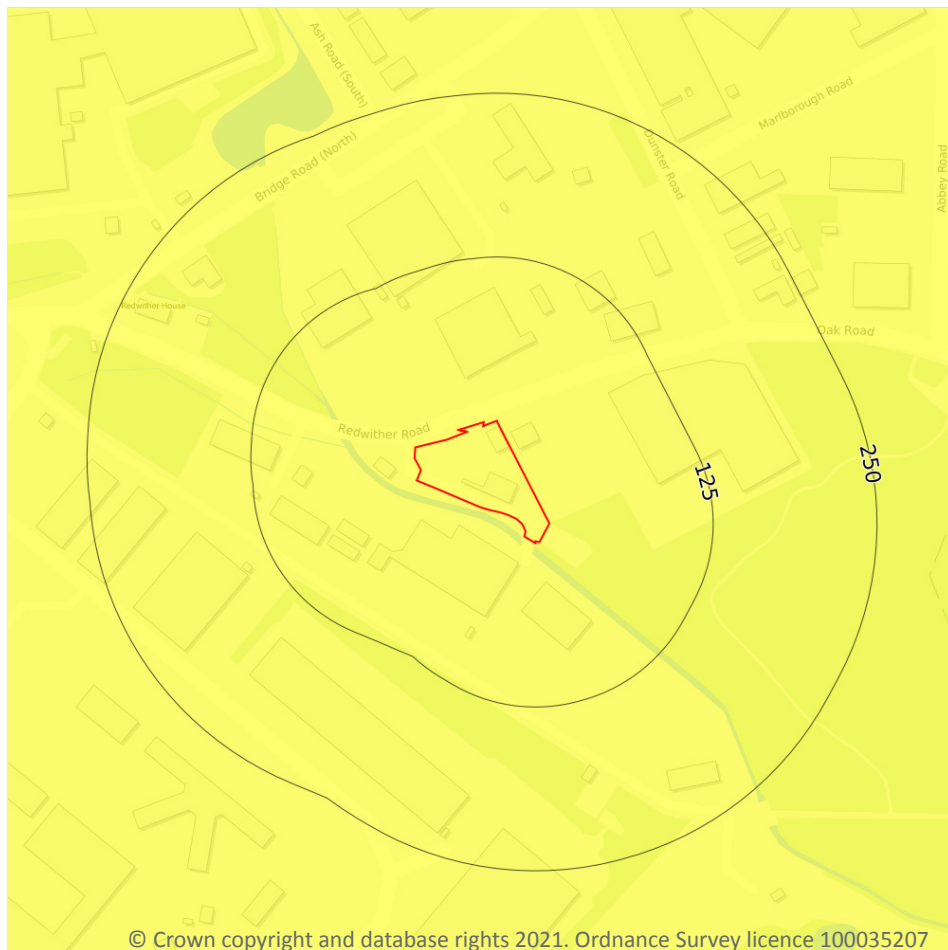
Features are displayed on the Boreholes map on **page 128**

ID	Location	Grid reference	Name	Length	Confidential	Web link
A	18m NW	338230 349440	WREXHAM INDUSTRIAL ESTATE	26.5	N	153110
A	41m NW	338220 349460	IND EST. BRITISH TISSUES. 1	4.5	N	153299
1	129m N	338230 349560	IND EST. BRITISH TISSUES. 3A	6.0	N	153314

ID	Location	Grid reference	Name	Length	Confidential	Web link
2	137m N	338270 349580	IND EST. BRITISH TISSUES. 4	4.0	N	153302
B	141m N	338200 349560	IND EST. BRITISH TISSUES. 2A	6.0	N	153313
B	148m NW	338180 349560	IND EST. BRITISH TISSUES. 1A	6.0	N	153312
3	154m N	338300 349600	IND EST. BRITISH TISSUES. 5	4.0	N	153303
4	154m NW	338150 349550	IND EST. BRITISH TISSUES. 2	6.0	N	153300
5	155m NE	338410 349560	REDWITHER INDUSTRIAL COMPLEX DUNSTER ROAD 4	-	Y	N/A
6	160m N	338220 349590	IND EST. BRITISH TISSUES. 5A	6.0	N	153316
7	168m NE	338450 349530	REDWITHER INDUSTRIAL COMPLEX DUNSTER ROAD 1	-	Y	N/A
8	177m NE	338440 349560	REDWITHER INDUSTRIAL COMPLEX DUNSTER ROAD 2	-	Y	N/A
9	185m NE	338420 349590	REDWITHER INDUSTRIAL COMPLEX DUNSTER ROAD 3	-	Y	N/A
10	196m N	338330 349640	IND EST. BRITISH TISSUES. 7	4.0	N	153305
11	201m SW	338100 349260	DEE & CLWYD, RIVER DIVISION	60.5	N	153188
12	202m NW	338160 349610	IND EST. BRITISH TISSUES. 3	6.0	N	153301
13	234m N	338310 349680	IND EST. BRITISH TISSUES. 6	4.0	N	153304
14	243m NE	338500 349590	IND EST. BRITISH TISSUES. 4A	6.5	N	153315

This data is sourced from the British Geological Survey.

17 Natural ground subsidence - Shrink swell clays



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

17.1 Shrink swell clays

Records within 50m

1

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

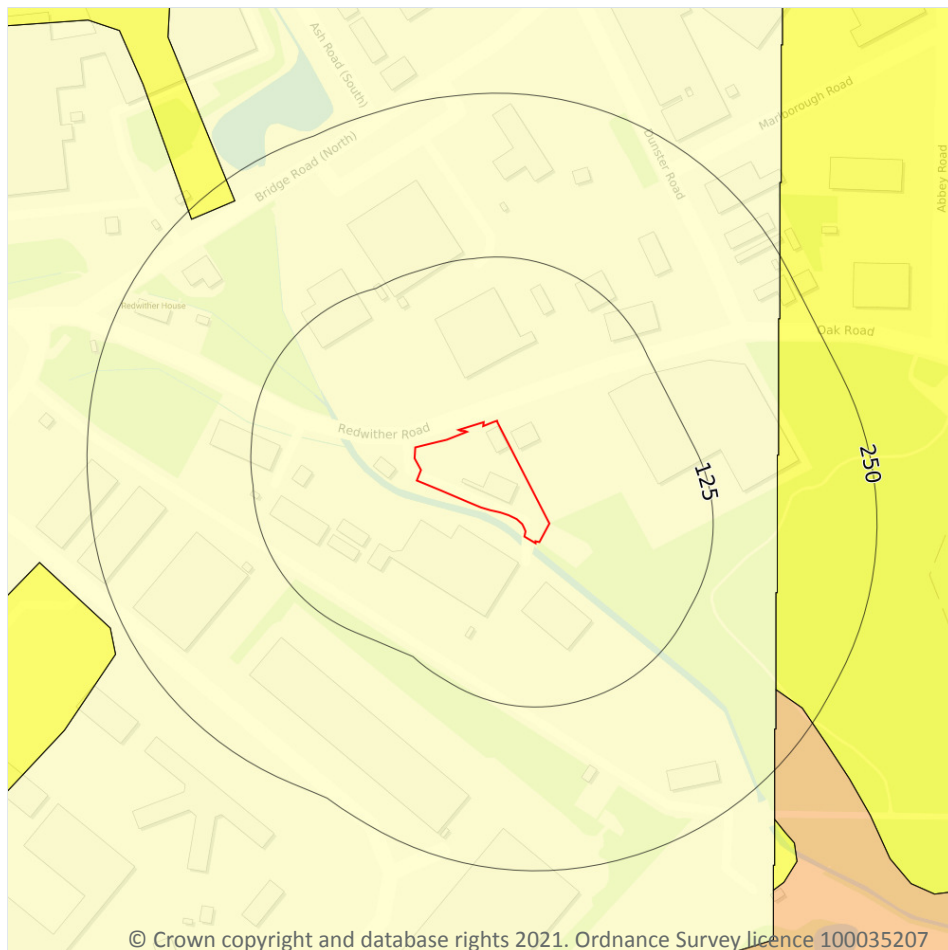
Features are displayed on the Natural ground subsidence - Shrink swell clays map on **page 130**

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

This data is sourced from the British Geological Survey.



Natural ground subsidence - Running sands



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

17.2 Running sands

Records within 50m

1

The potential hazard presented by rocks that can contain loosely-packed sandy layers that can become fluidised by water flowing through them. Such sands can 'run', removing support from overlying buildings and causing potential damage.

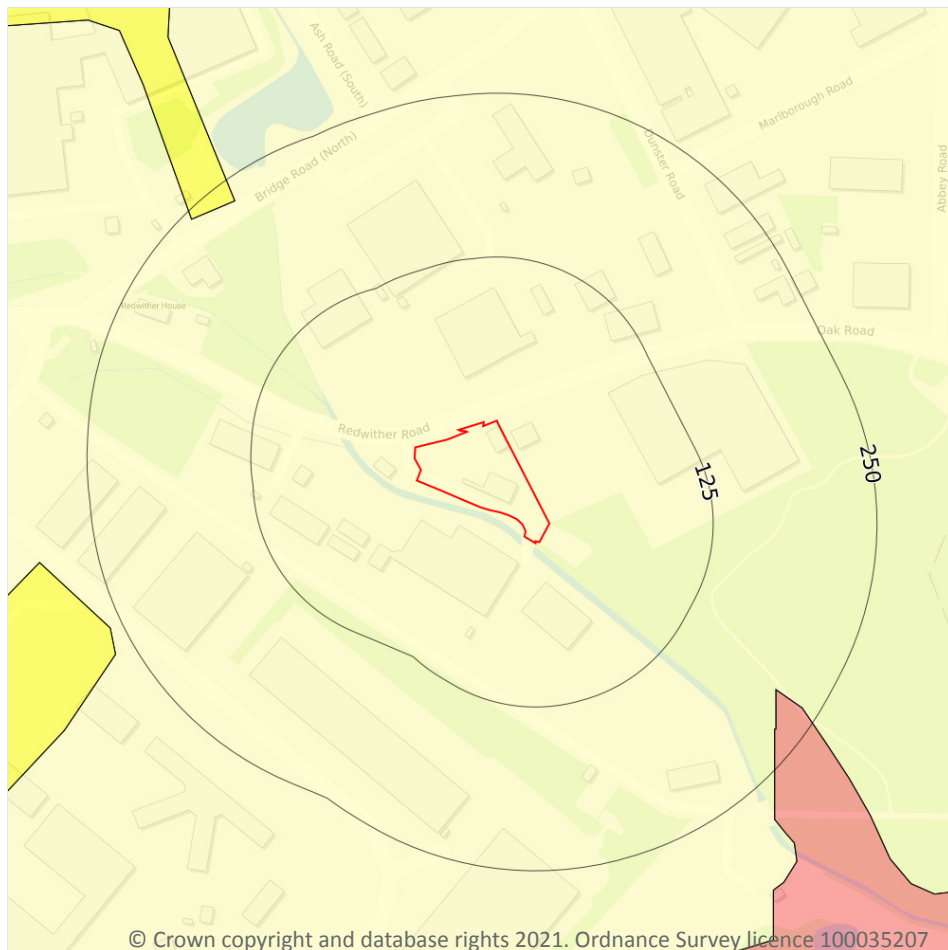
Features are displayed on the Natural ground subsidence - Running sands map on **page 131**

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.

This data is sourced from the British Geological Survey.



Natural ground subsidence - Compressible deposits



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

17.3 Compressible deposits

Records within 50m

1

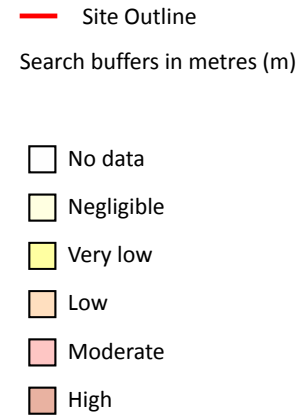
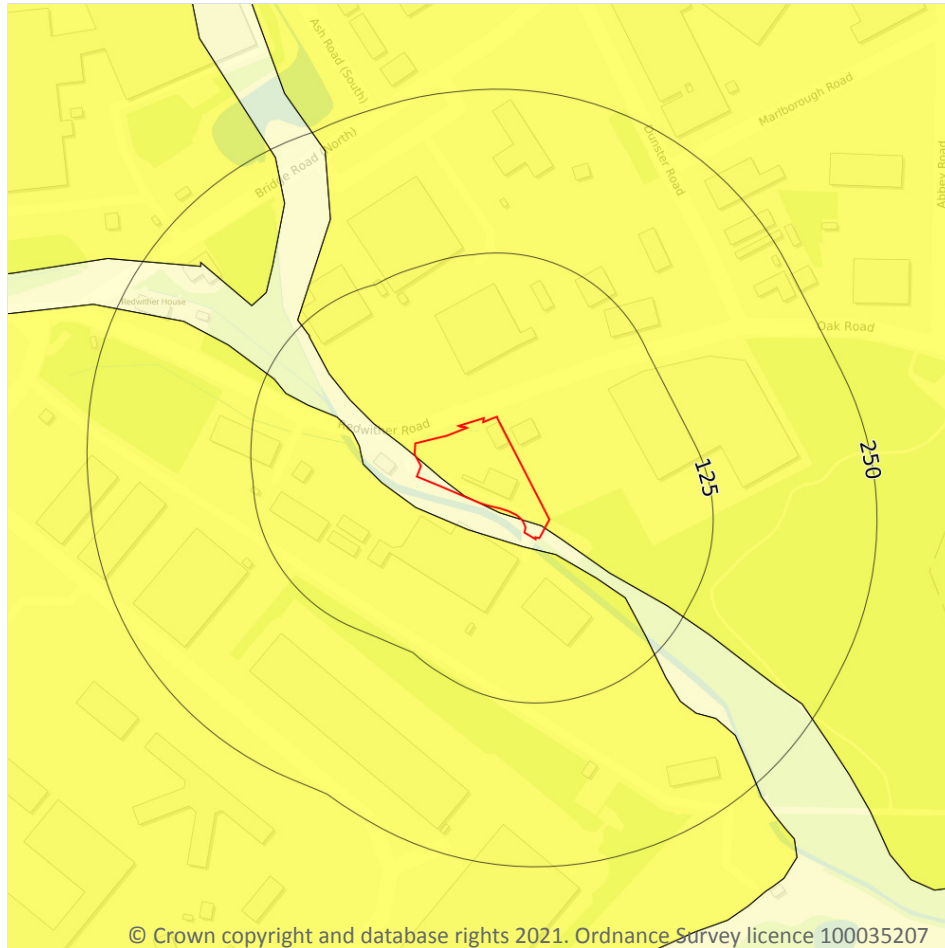
The potential hazard presented by types of ground that may contain layers of very soft materials like clay or peat and may compress if loaded by overlying structures, or if the groundwater level changes, potentially resulting in depression of the ground and disturbance of foundations.

Features are displayed on the Natural ground subsidence - Compressible deposits map on **page 132**

Location	Hazard rating	Details
On site	Negligible	Compressible strata are not thought to occur.

This data is sourced from the British Geological Survey.

Natural ground subsidence - Collapsible deposits



17.4 Collapsible deposits

Records within 50m

2

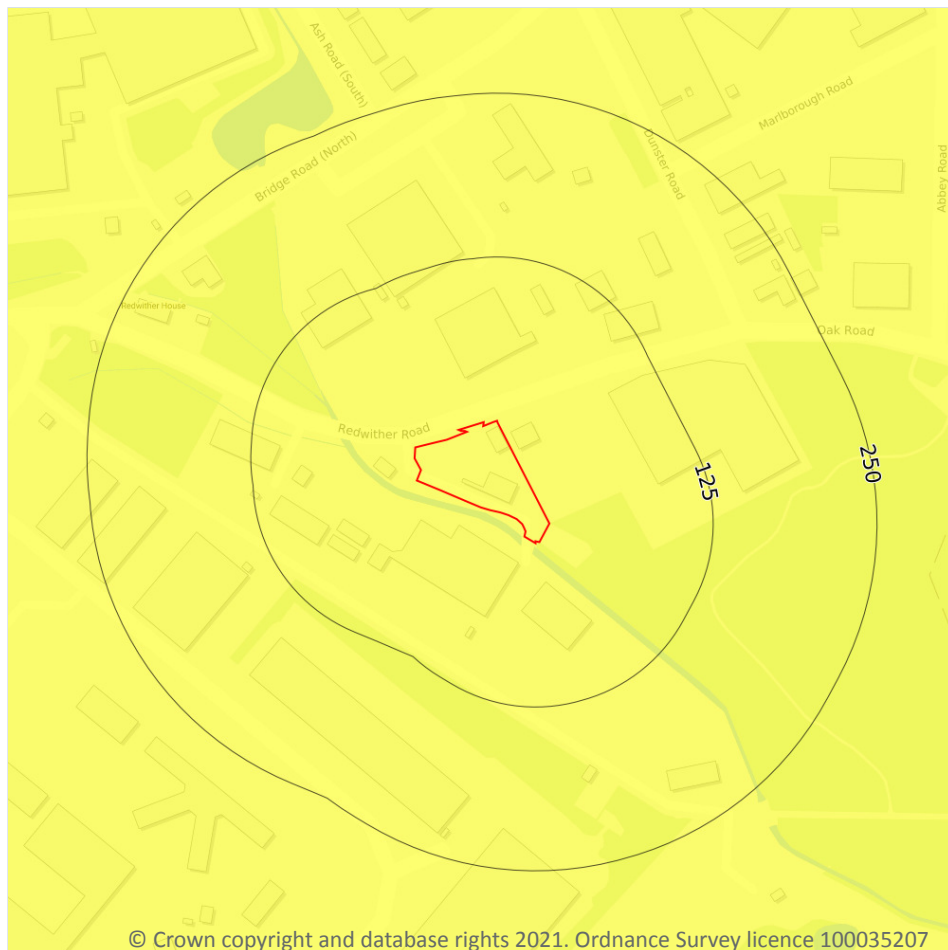
The potential hazard presented by natural deposits that could collapse when a load (such as a building) is placed on them or they become saturated with water.

Features are displayed on the Natural ground subsidence - Collapsible deposits map on **page 133**

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



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

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.

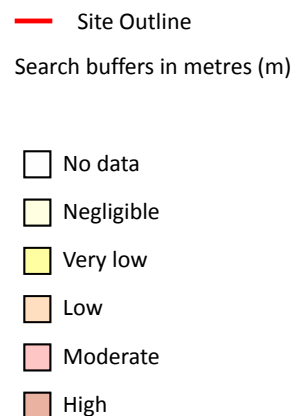
Features are displayed on the Natural ground subsidence - Landslides map on **page 134**

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



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 135**

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

This data is sourced from the British Geological Survey.



18 Mining, ground workings and natural cavities



- Site Outline
- Search buffers in metres (m)
- Natural cavities (Area)
- Natural cavities (Point)
- BritPits
- Surface ground workings
- Underground workings
- Historical Mineral Planning Areas
- Mining Cavities
- Non Coal Mining
- Sporadic underground mining of restricted extent possible
- Localised small scale underground mining possible
- Small scale mining possible
- Underground mining known or likely within or in close proximity
- Underground mining known within or in very close proximity

18.1 Natural cavities

Records within 500m

0

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

This data is sourced from Stantec UK Ltd.

18.2 BritPits

Records within 500m

0

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.

This data is sourced from the British Geological Survey.

18.3 Surface ground workings

Records within 250m

9

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

Features are displayed on the Mining, ground workings and natural cavities map on **page 137**

ID	Location	Land Use	Year of mapping	Mapping scale
A	106m N	Ponds	1977	1:10000
A	106m N	Ponds	1964	1:10560
1	203m SW	Pond	1977	1:10000
2	222m S	Unspecified Heap	1977	1:10000
B	224m S	Ponds	1898	1:10560
B	224m S	Ponds	1872	1:10560
B	228m S	Ponds	1938	1:10560
3	228m SW	Unspecified Heaps	1977	1:10000
4	246m NW	Pond	1992	1:10000

This data is sourced from Ordnance Survey/Groundsure.

18.4 Underground workings

Records within 1000m

0

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

This data is sourced from Ordnance Survey/Groundsure.



18.5 Historical Mineral Planning Areas

Records within 500m

0

Boundaries of mineral planning permissions for England and Wales. This data was collated between the 1940s (and retrospectively to the 1930s) and the mid 1980s. The data includes permitted, withdrawn and refused permissions.

This data is sourced from the British Geological Survey.

18.6 Non-coal mining

Records within 1000m

0

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

This data is sourced from the British Geological Survey.

18.7 Mining cavities

Records within 1000m

0

Industry recognised national database of mining cavities. Degraded mines may result in hazardous subsidence (crown holes). Climatic conditions and water escape can also trigger subsidence over mine entrances and workings.

This data is sourced from Stantec UK Ltd.

18.8 JPB mining areas

Records on site

0

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

This data is sourced from Johnson Poole and Bloomer.

18.9 Coal mining

Records on site

0

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

This data is sourced from the Coal Authority.



18.10 Brine areas

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

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

18.11 Gypsum areas

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

This data is sourced from British Gypsum.

18.12 Tin mining

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

This data is sourced from Mining Searches UK.

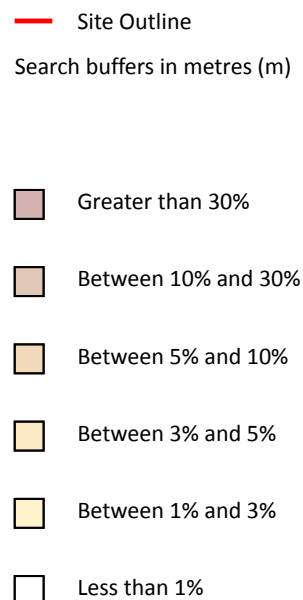
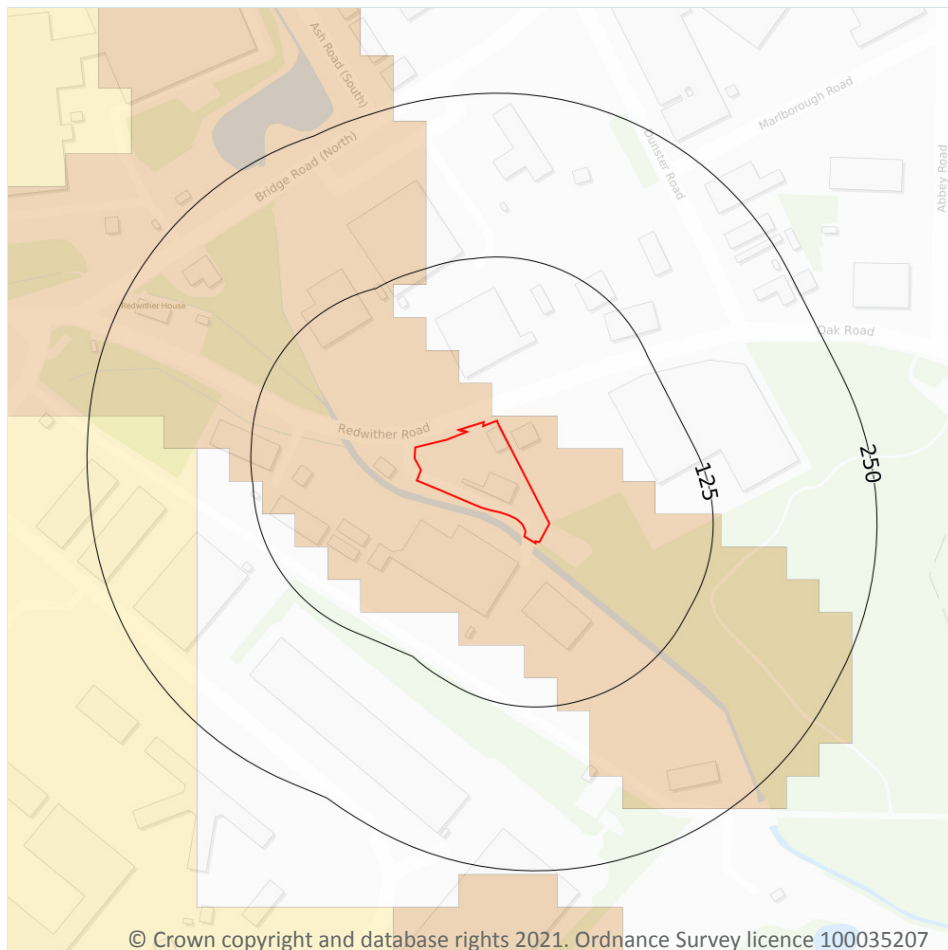
18.13 Clay mining

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

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

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

19 Radon



19.1 Radon

Records on site

1

Estimated percentage of dwellings exceeding the Radon Action Level. This data is the highest resolution radon dataset available for the UK and is produced to a 75m level of accuracy to allow for geological data accuracy and a 'residential property' buffer. The findings of this section should supersede any estimations derived from the Indicative Atlas of Radon in Great Britain. The data was derived from both geological assessments and long term measurements of radon in more than 479,000 households.

Features are displayed on the Radon map on **page 141**

Location	Estimated properties affected	Radon Protection Measures required
On site	Between 5% and 10%	Basic

This data is sourced from the British Geological Survey and Public Health England.



20 Soil chemistry

20.1 BGS Estimated Background Soil Chemistry

Records within 50m

3

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 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 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	60 - 90 mg/kg	15 - 30 mg/kg
8m SW	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg

This data is sourced from the British Geological Survey.

20.2 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.

20.3 BGS Measured Urban Soil Chemistry

Records within 50m

0

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

This data is sourced from the British Geological Survey.



21 Railway infrastructure and projects

21.1 Underground railways (London)

Records within 250m**0**

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

This data is sourced from publicly available information by Groundsure.

21.2 Underground railways (Non-London)

Records within 250m**0**

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

This data is sourced from publicly available information by Groundsure.

21.3 Railway tunnels

Records within 250m**0**

Railway tunnels taken from contemporary Ordnance Survey mapping.

This data is sourced from the Ordnance Survey.

21.4 Historical railway and tunnel features

Records within 250m**0**

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.

This data is sourced from Ordnance Survey/Groundsure.

21.5 Royal Mail tunnels

Records within 250m**0**

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



This data is sourced from Groundsure/the Postal Museum.

21.6 Historical railways

Records within 250m

0

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

This data is sourced from OpenStreetMap.

21.7 Railways

Records within 250m

0

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

This data is sourced from Ordnance Survey and OpenStreetMap.

21.8 Crossrail 1

Records within 500m

0

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

This data is sourced from publicly available information by Groundsure.

21.9 Crossrail 2

Records within 500m

0

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

This data is sourced from publicly available information by Groundsure.

21.10 HS2

Records within 500m

0

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

This data is sourced from HS2 Ltd.



Data providers

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

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