



A P P E N D I X G

Land Appraisal | Environmental | Geotechnical | Design | Mining | Inspections

GRM Development Solutions Limited, Laurus House, First Avenue, Centrum 100, Burton upon Trent, Staffs DE14 2WH
www.grm-uk.com | info@grm-uk.com | 01283 551249 Company No. 3099018 (England), VAT Reg. No. 658 1005 48

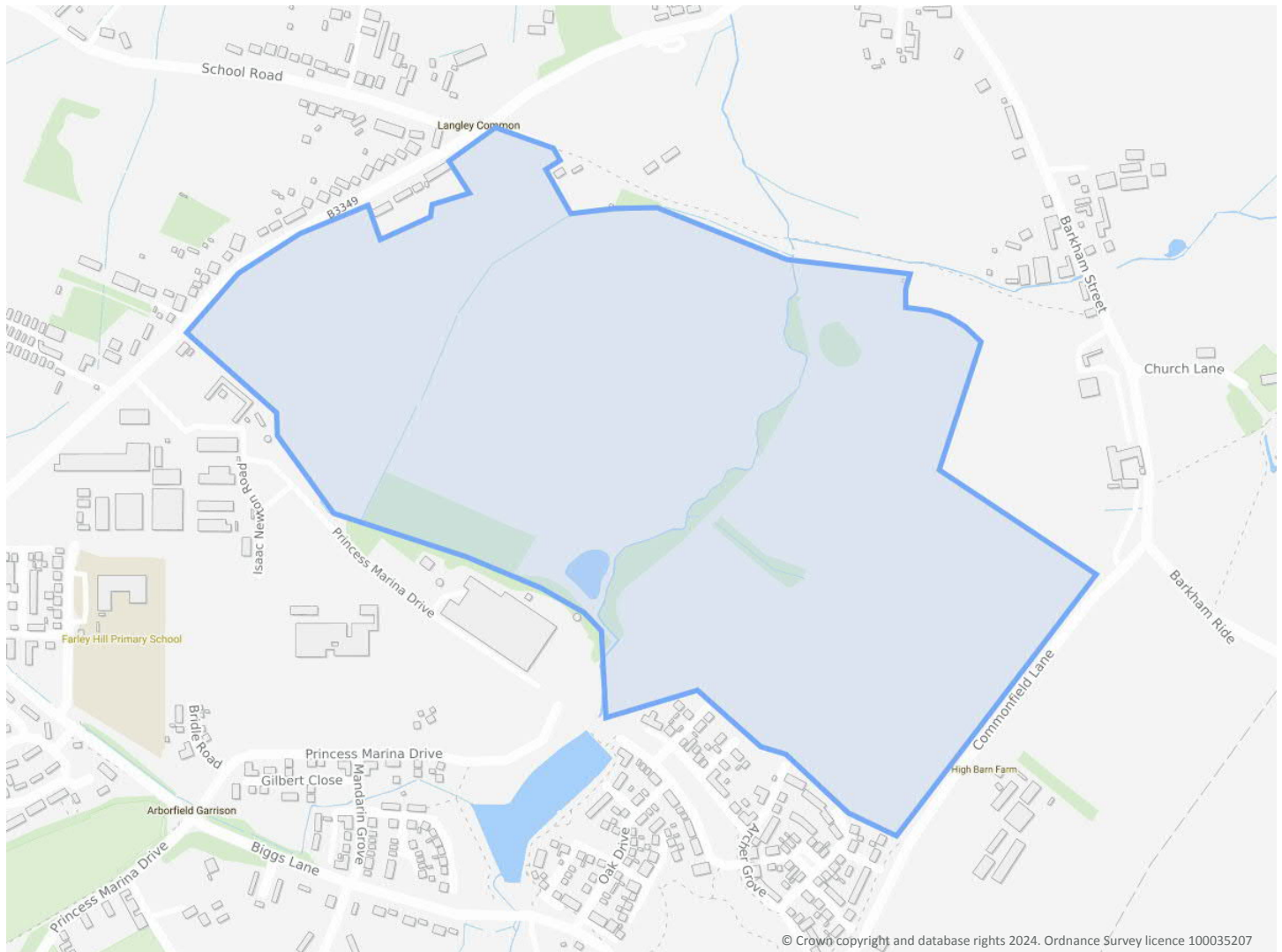
Barkham Square, Barkham Square, Arborfield, Wokingham, RG41 4TJ

Order Details

Date: 26/02/2024
Your ref: EMS_927592_1150615
Our Ref: EMS-927592_1181346

Site Details

Location: 477590 166321
Area: 57.66 ha
Authority: [Wokingham Borough Council](#) ↗



Summary of findings

[p. 2 >](#)

Aerial image

[p. 9 >](#)

OS MasterMap site plan

N/A: >10ha

groundsure.com/insightuserguide ↗

Contact us with any questions at:

info@groundsure.com ↗

01273 257 755

Summary of findings

Page	Section	Past land use >	On site	0-50m	50-250m	250-500m	500-2000m
14 >	1.1 >	Historical industrial land uses >	3	7	6	9	-
16 >	1.2 >	Historical tanks >	0	7	6	7	-
17 >	1.3 >	Historical energy features >	0	2	0	4	-
17	1.4	Historical petrol stations	0	0	0	0	-
17 >	1.5 >	Historical garages >	0	3	0	0	-
18	1.6	Historical military land	0	0	0	0	-
Page	Section	Past land use - un-grouped >	On site	0-50m	50-250m	250-500m	500-2000m
19 >	2.1 >	Historical industrial land uses >	3	9	8	13	-
21 >	2.2 >	Historical tanks >	0	14	7	16	-
22 >	2.3 >	Historical energy features >	0	2	0	4	-
23	2.4	Historical petrol stations	0	0	0	0	-
23 >	2.5 >	Historical garages >	0	6	0	0	-
Page	Section	Waste and landfill >	On site	0-50m	50-250m	250-500m	500-2000m
24	3.1	Active or recent landfill	0	0	0	0	-
24	3.2	Historical landfill (BGS records)	0	0	0	0	-
25	3.3	Historical landfill (LA/mapping records)	0	0	0	0	-
25	3.4	Historical landfill (EA/NRW records)	0	0	0	0	-
25	3.5	Historical waste sites	0	0	0	0	-
25 >	3.6 >	Licensed waste sites >	0	0	2	0	-
26 >	3.7 >	Waste exemptions >	0	18	65	54	-
Page	Section	Current industrial land use >	On site	0-50m	50-250m	250-500m	500-2000m
38 >	4.1 >	Recent industrial land uses >	0	8	11	-	-
40	4.2	Current or recent petrol stations	0	0	0	0	-
40	4.3	Electricity cables	0	0	0	0	-
40	4.4	Gas pipelines	0	0	0	0	-
40	4.5	Sites determined as Contaminated Land	0	0	0	0	-



40	4.6	Control of Major Accident Hazards (COMAH)	0	0	0	0	-
41	4.7	Regulated explosive sites	0	0	0	0	-
41	4.8	Hazardous substance storage/usage	0	0	0	0	-
41	4.9	Historical licensed industrial activities (IPC)	0	0	0	0	-
41	4.10	Licensed industrial activities (Part A(1))	0	0	0	0	-
41	4.11	Licensed pollutant release (Part A(2)/B)	0	0	0	0	-
42 >	4.12 >	Radioactive Substance Authorisations >	0	0	0	1	-
42 >	4.13 >	Licensed Discharges to controlled waters >	0	0	4	0	-
43	4.14	Pollutant release to surface waters (Red List)	0	0	0	0	-
43	4.15	Pollutant release to public sewer	0	0	0	0	-
43	4.16	List 1 Dangerous Substances	0	0	0	0	-
43	4.17	List 2 Dangerous Substances	0	0	0	0	-
44 >	4.18 >	Pollution Incidents (EA/NRW) >	0	0	1	1	-
44	4.19	Pollution inventory substances	0	0	0	0	-
44	4.20	Pollution inventory waste transfers	0	0	0	0	-
45	4.21	Pollution inventory radioactive waste	0	0	0	0	-
Page	Section	Hydrogeology >	On site	0-50m	50-250m	250-500m	500-2000m
46 >	5.1 >	Superficial aquifer >	Identified (within 500m)				
47 >	5.2 >	Bedrock aquifer >	Identified (within 500m)				
48 >	5.3 >	Groundwater vulnerability >	Identified (within 50m)				
51	5.4	Groundwater vulnerability- soluble rock risk	None (within 0m)				
51	5.5	Groundwater vulnerability- local information	None (within 0m)				
52 >	5.6 >	Groundwater abstractions >	0	0	0	0	6
54 >	5.7 >	Surface water abstractions >	0	0	0	0	6
56 >	5.8 >	Potable abstractions >	0	0	0	0	1
56	5.9	Source Protection Zones	0	0	0	0	-
57	5.10	Source Protection Zones (confined aquifer)	0	0	0	0	-
Page	Section	Hydrology >	On site	0-50m	50-250m	250-500m	500-2000m
58 >	6.1 >	Water Network (OS MasterMap) >	13	14	34	-	-



63 >	6.2 >	Surface water features >	1	6	18	-	-
64 >	6.3 >	WFD Surface water body catchments >	1	-	-	-	-
64 >	6.4 >	WFD Surface water bodies >	0	1	0	-	-
64 >	6.5 >	WFD Groundwater bodies >	1	-	-	-	-
Page	Section	River and coastal flooding >	On site	0-50m	50-250m	250-500m	500-2000m
66 >	7.1 >	Risk of flooding from rivers and the sea >	High (within 50m)				
67	7.2	Historical Flood Events	0	0	0	-	-
67	7.3	Flood Defences	0	0	0	-	-
67	7.4	Areas Benefiting from Flood Defences	0	0	0	-	-
67	7.5	Flood Storage Areas	0	0	0	-	-
68 >	7.6 >	Flood Zone 2 >	Identified (within 50m)				
69 >	7.7 >	Flood Zone 3 >	Identified (within 50m)				
Page	Section	Surface water flooding >					
70 >	8.1 >	Surface water flooding >	1 in 30 year, Greater than 1.0m (within 50m)				
Page	Section	Groundwater flooding >					
72 >	9.1 >	Groundwater flooding >	Moderate (within 50m)				
Page	Section	Environmental designations >	On site	0-50m	50-250m	250-500m	500-2000m
73 >	10.1 >	Sites of Special Scientific Interest (SSSI) >	0	0	1	0	0
74	10.2	Conserved wetland sites (Ramsar sites)	0	0	0	0	0
74	10.3	Special Areas of Conservation (SAC)	0	0	0	0	0
74	10.4	Special Protection Areas (SPA)	0	0	0	0	0
74	10.5	National Nature Reserves (NNR)	0	0	0	0	0
75 >	10.6 >	Local Nature Reserves (LNR) >	0	0	1	0	0
75 >	10.7 >	Designated Ancient Woodland >	7	0	0	4	35
78	10.8	Biosphere Reserves	0	0	0	0	0
78	10.9	Forest Parks	0	0	0	0	0
78	10.10	Marine Conservation Zones	0	0	0	0	0
78	10.11	Green Belt	0	0	0	0	0
79	10.12	Proposed Ramsar sites	0	0	0	0	0



79	10.13	Possible Special Areas of Conservation (pSAC)	0	0	0	0	0
79	10.14	Potential Special Protection Areas (pSPA)	0	0	0	0	0
79	10.15	Nitrate Sensitive Areas	0	0	0	0	0
80 >	10.16 >	Nitrate Vulnerable Zones >	2	0	0	0	2
81 >	10.17 >	SSSI Impact Risk Zones >	4	-	-	-	-
84 >	10.18 >	SSSI Units >	0	0	1	0	1
Page	Section	Visual and cultural designations >	On site	0-50m	50-250m	250-500m	500-2000m
85	11.1	World Heritage Sites	0	0	0	-	-
86	11.2	Area of Outstanding Natural Beauty	0	0	0	-	-
86	11.3	National Parks	0	0	0	-	-
86 >	11.4 >	Listed Buildings >	0	0	1	-	-
87	11.5	Conservation Areas	0	0	0	-	-
87	11.6	Scheduled Ancient Monuments	0	0	0	-	-
87	11.7	Registered Parks and Gardens	0	0	0	-	-
Page	Section	Agricultural designations >	On site	0-50m	50-250m	250-500m	500-2000m
88 >	12.1 >	Agricultural Land Classification >	Non Agricultural (within 250m)				
89	12.2	Open Access Land	0	0	0	-	-
89 >	12.3 >	Tree Felling Licences >	0	0	1	-	-
90 >	12.4 >	Environmental Stewardship Schemes >	2	0	2	-	-
90	12.5	Countryside Stewardship Schemes	0	0	0	-	-
Page	Section	Habitat designations >	On site	0-50m	50-250m	250-500m	500-2000m
91 >	13.1 >	Priority Habitat Inventory >	8	4	30	-	-
93 >	13.2 >	Habitat Networks >	0	1	0	-	-
93	13.3	Open Mosaic Habitat	0	0	0	-	-
94	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
95 >	14.1 >	10k Availability >	Identified (within 500m)				
96 >	14.2 >	Artificial and made ground (10k) >	2	1	4	2	-
98 >	14.3 >	Superficial geology (10k) >	1	0	0	0	-

99	14.4	Landslip (10k)	0	0	0	0	-
100 >	14.5 >	Bedrock geology (10k) >	2	0	0	0	-
101	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
102 >	15.1 >	50k Availability >	Identified (within 500m)				
103	15.2	Artificial and made ground (50k)	0	0	0	0	-
103	15.3	Artificial ground permeability (50k)	0	0	-	-	-
104 >	15.4 >	Superficial geology (50k) >	1	0	0	0	-
105 >	15.5 >	Superficial permeability (50k) >	Identified (within 50m)				
105	15.6	Landslip (50k)	0	0	0	0	-
105	15.7	Landslip permeability (50k)	None (within 50m)				
106 >	15.8 >	Bedrock geology (50k) >	2	0	0	0	-
107 >	15.9 >	Bedrock permeability (50k) >	Identified (within 50m)				
107	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
108 >	16.1 >	BGS Boreholes >	0	10	31	-	-
Page	Section	Natural ground subsidence >					
111 >	17.1 >	Shrink swell clays >	Low (within 50m)				
112 >	17.2 >	Running sands >	Low (within 50m)				
114 >	17.3 >	Compressible deposits >	Moderate (within 50m)				
116 >	17.4 >	Collapsible deposits >	Very low (within 50m)				
117 >	17.5 >	Landslides >	Very low (within 50m)				
118 >	17.6 >	Ground dissolution of soluble rocks >	Negligible (within 50m)				
Page	Section	Mining and ground workings >	On site	0-50m	50-250m	250-500m	500-2000m
120	18.1	BritPits	0	0	0	0	-
121 >	18.2 >	Surface ground workings >	2	2	1	-	-
121	18.3	Underground workings	0	0	0	0	0
121	18.4	Underground mining extents	0	0	0	0	-
121	18.5	Historical Mineral Planning Areas	0	0	0	0	-



122	18.6	Non-coal mining	0	0	0	0	0
122	18.7	JPB mining areas	None (within 0m)				
122	18.8	The Coal Authority non-coal mining	0	0	0	0	-
122 >	18.9 >	Researched mining >	0	1	0	0	-
123	18.10	Mining record office plans	0	0	0	0	-
123	18.11	BGS mine plans	0	0	0	0	-
123	18.12	Coal mining	None (within 0m)				
123	18.13	Brine areas	None (within 0m)				
123	18.14	Gypsum areas	None (within 0m)				
124	18.15	Tin mining	None (within 0m)				
124	18.16	Clay mining	None (within 0m)				
Page	Section	Ground cavities and sinkholes	On site	0-50m	50-250m	250-500m	500-2000m
125	19.1	Natural cavities	0	0	0	0	-
125	19.2	Mining cavities	0	0	0	0	0
125	19.3	Reported recent incidents	0	0	0	0	-
125	19.4	Historical incidents	0	0	0	0	-
126	19.5	National karst database	0	0	0	0	-
Page	Section	Radon >					
127 >	20.1 >	Radon >	Less than 1% (within 0m)				
Page	Section	Soil chemistry >	On site	0-50m	50-250m	250-500m	500-2000m
129 >	21.1 >	BGS Estimated Background Soil Chemistry >	22	7	-	-	-
131	21.2	BGS Estimated Urban Soil Chemistry	0	0	-	-	-
131	21.3	BGS Measured Urban Soil Chemistry	0	0	-	-	-
Page	Section	Railway infrastructure and projects	On site	0-50m	50-250m	250-500m	500-2000m
132	22.1	Underground railways (London)	0	0	0	-	-
132	22.2	Underground railways (Non-London)	0	0	0	-	-
132	22.3	Railway tunnels	0	0	0	-	-
132	22.4	Historical railway and tunnel features	0	0	0	-	-
132	22.5	Royal Mail tunnels	0	0	0	-	-



133	22.6	Historical railways	0	0	0	-	-
133	22.7	Railways	0	0	0	-	-
133	22.8	Crossrail 1	0	0	0	0	-
133	22.9	Crossrail 2	0	0	0	0	-
133	22.10	HS2	0	0	0	0	-

Recent aerial photograph



Capture Date: 30/04/2022

Site Area: 57.66ha



Recent site history - 2019 aerial photograph



Capture Date: 29/06/2019

Site Area: 57.66ha



Recent site history - 2010 aerial photograph



Aerial photography supplied by Getmapping PLC. © Copyright Getmapping PLC 2024. All Rights Reserved.

Capture Date: 25/09/2010

Site Area: 57.66ha



Recent site history - 2005 aerial photograph



Capture Date: 12/07/2005

Site Area: 57.66ha



Recent site history - 1999 aerial photograph

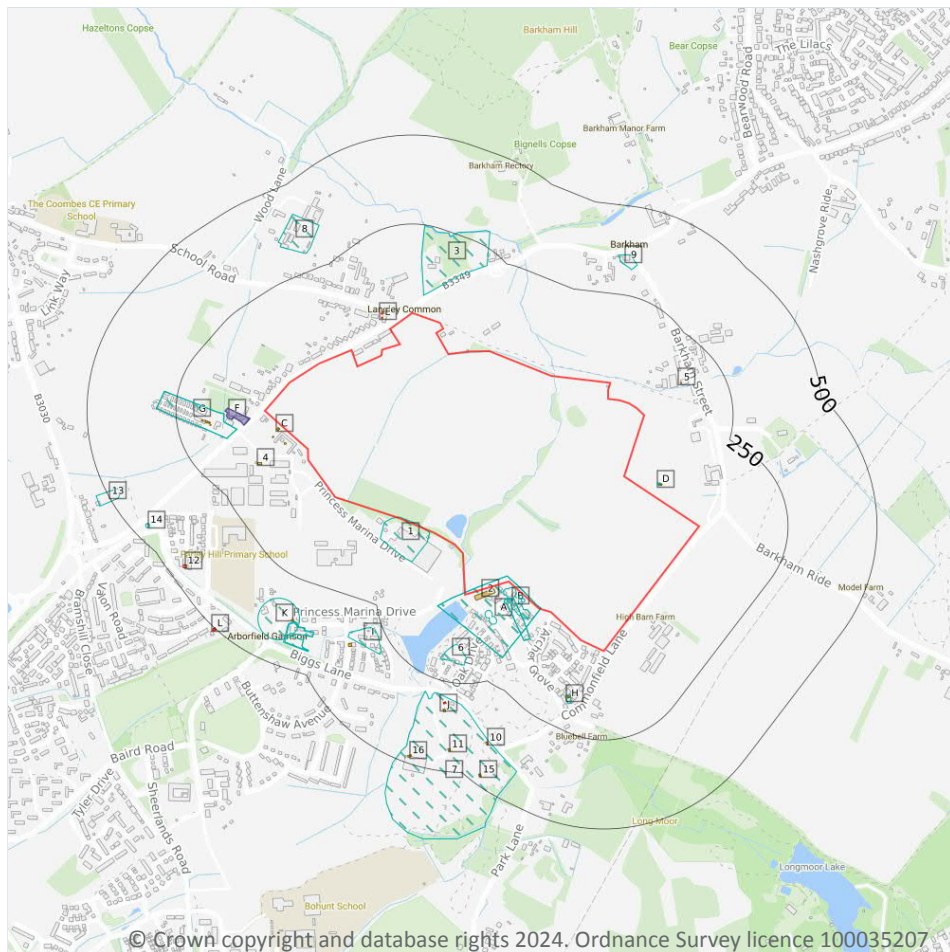


Capture Date: 04/09/1999

Site Area: 57.66ha



1 Past land use



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

1.1 Historical industrial land uses

Records within 500m

25

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 Heap	1988	1869654



ID	Location	Land use	Dates present	Group ID
A	On site	Unspecified Works	1961	1860401
A	On site	Disused Sewage Works	1969	1872208
B	4m S	Unspecified Tanks	1961 - 1969	1955296
B	4m S	Unspecified Tanks	1961	1870900
B	26m S	Rifle Range	1988	1923994
B	26m S	Rifle Range	1978	1962096
D	33m E	Unspecified Tank	1910	1943539
D	34m E	Unspecified Tank	1961	1887542
D	36m E	Unspecified Tank	1932 - 1938	1929147
3	58m N	Nursery	1969	1867831
A	61m S	Unspecified Tanks	1961 - 1969	1900892
G	94m W	Unspecified Depot	1988	1890878
G	94m W	Unspecified Depot	1978	1953412
6	141m S	Unspecified Heap	1988	1869655
H	152m S	Unspecified Tanks	1932 - 1938	1961653
I	271m SW	Unspecified Heap	1988	1869657
7	287m S	Barracks	1969 - 1978	1946287
8	300m NW	Nursery	1969 - 1978	1937047
K	319m SW	Unspecified Tank	1932 - 1938	1928881
9	323m NE	Smithy	1910	1875976
K	367m SW	Filter Beds	1938	1933731
K	370m SW	Filter Beds	1932	1889897
13	452m W	Brick Kiln	1898	1859646
14	455m W	Unspecified Tank	1961	1858206

This data is sourced from Ordnance Survey / Groundsure.



1.2 Historical tanks

Records within 500m

20

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
2	6m S	Settling Tanks	1967	309223
C	10m W	Unspecified Tank	1967 - 1996	312975
C	10m W	Unspecified Tank	1978 - 1987	322407
C	28m W	Unspecified Tank	1933	305644
D	35m E	Unspecified Tank	1967 - 1997	321830
D	37m E	Unspecified Tank	1911 - 1933	314261
C	38m W	Unspecified Tank	1996	305645
4	115m W	Tanks	1967 - 1978	327298
5	136m NE	Unspecified Tank	1997	305627
H	155m S	Tanks	1933	310526
G	156m W	Unspecified Tank	1967	305646
G	157m W	Tanks	1967	310524
G	175m W	Unspecified Tank	1967	305647
J	326m S	Unspecified Tank	1967 - 1975	326990
I	347m SW	Unspecified Tank	1967 - 1993	319933
K	363m SW	Unspecified Tank	1933	305643
10	388m S	Unspecified Tank	1967 - 1975	328207
11	435m S	Unspecified Tank	1967 - 1975	318968
15	470m S	Unspecified Tank	1967 - 1975	315253
16	475m S	Unspecified Tank	1967 - 1975	320743

This data is sourced from Ordnance Survey / Groundsure.



1.3 Historical energy features

Records within 500m

6

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	37m NW	Electricity Substation	1987	189556
E	46m NW	Electricity Substation	1993	189555
J	306m S	Electricity Substation	1975	189553
12	450m W	Electricity Substation	1978	189554
L	499m SW	Electricity Substation	-	187729
L	499m SW	Electricity Substation	1975 - 1999	202816

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

3

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



Features are displayed on the Past land use map on [page 14](#) >

ID	Location	Land use	Dates present	Group ID
F	47m W	Garage	1967	61051
F	47m W	Garage	1993 - 1996	64926
F	49m W	Garage	1978 - 1987	65167

This data is sourced from Ordnance Survey / Groundsure.

1.6 Historical military land

Records within 500m

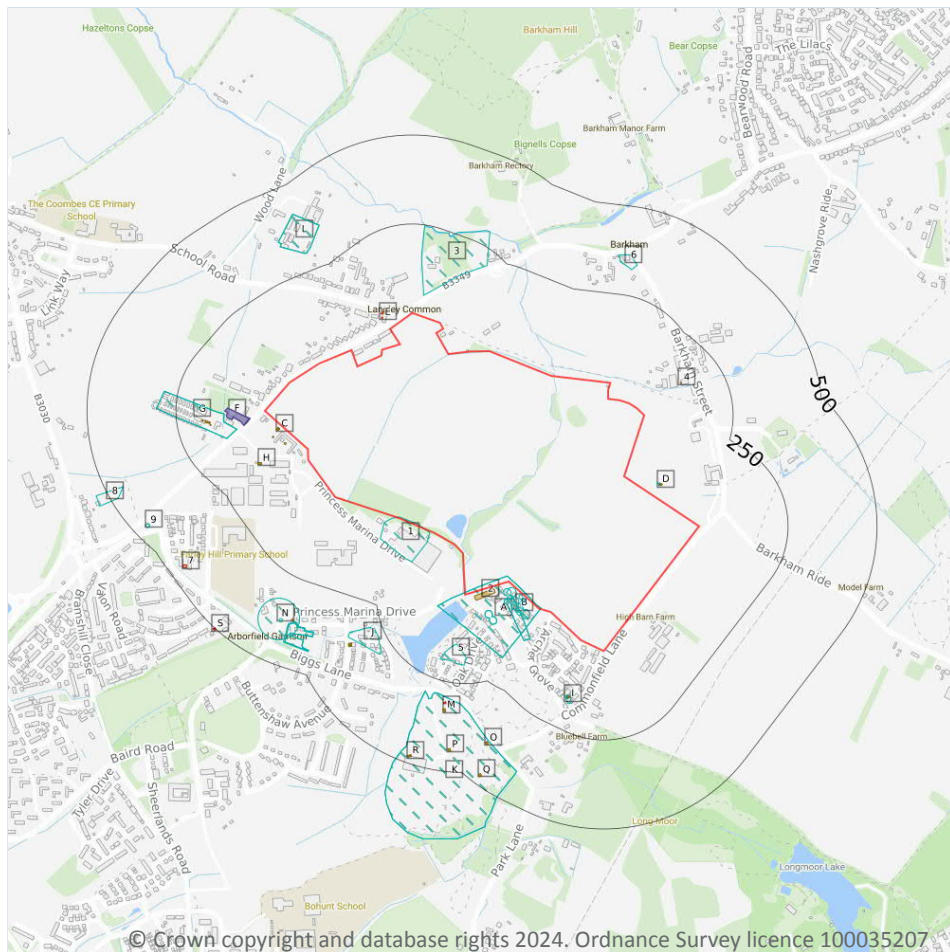
0

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

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



2 Past land use - un-grouped



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

2.1 Historical industrial land uses

Records within 500m

33

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 19](#) >

ID	Location	Land Use	Date	Group ID
1	On site	Unspecified Heap	1988	1869654
A	On site	Disused Sewage Works	1969	1872208
A	On site	Unspecified Works	1961	1860401



ID	Location	Land Use	Date	Group ID
B	4m S	Unspecified Tanks	1969	1955296
B	4m S	Unspecified Tanks	1961	1870900
B	16m S	Unspecified Tanks	1961	1955296
B	26m S	Rifle Range	1988	1923994
B	26m S	Rifle Range	1978	1962096
D	33m E	Unspecified Tank	1910	1943539
D	34m E	Unspecified Tank	1961	1887542
D	36m E	Unspecified Tank	1932	1929147
D	37m E	Unspecified Tank	1938	1929147
3	58m N	Nursery	1969	1867831
A	61m S	Unspecified Tanks	1969	1900892
A	61m S	Unspecified Tanks	1961	1900892
G	94m W	Unspecified Depot	1988	1890878
G	94m W	Unspecified Depot	1978	1953412
5	141m S	Unspecified Heap	1988	1869655
I	152m S	Unspecified Tanks	1938	1961653
I	157m S	Unspecified Tanks	1932	1961653
J	271m SW	Unspecified Heap	1988	1869657
K	287m S	Barracks	1969	1946287
K	287m S	Barracks	1978	1946287
L	300m NW	Nursery	1969	1937047
L	300m NW	Nursery	1978	1937047
N	319m SW	Unspecified Tank	1938	1928881
6	323m NE	Smithy	1910	1875976
N	367m SW	Filter Beds	1938	1933731
N	370m SW	Filter Beds	1932	1889897
N	370m SW	Filter Beds	1932	1889897
N	373m SW	Unspecified Tank	1932	1928881



ID	Location	Land Use	Date	Group ID
8	452m W	Brick Kiln	1898	1859646
9	455m W	Unspecified Tank	1961	1858206

This data is sourced from Ordnance Survey / Groundsure.

2.2 Historical tanks

Records within 500m

37

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 19](#) >

ID	Location	Land Use	Date	Group ID
2	6m S	Settling Tanks	1967	309223
C	10m W	Unspecified Tank	1967	312975
C	10m W	Unspecified Tank	1978	322407
C	10m W	Unspecified Tank	1987	322407
C	11m W	Unspecified Tank	1996	312975
C	11m W	Unspecified Tank	1993	312975
C	11m W	Unspecified Tank	1993	312975
C	11m W	Unspecified Tank	1987	312975
C	28m W	Unspecified Tank	1933	305644
D	35m E	Unspecified Tank	1997	321830
D	36m E	Unspecified Tank	1967	321830
D	37m E	Unspecified Tank	1911	314261
D	37m E	Unspecified Tank	1933	314261
C	38m W	Unspecified Tank	1996	305645
H	115m W	Tanks	1967	327298
H	116m W	Tanks	1978	327298
4	136m NE	Unspecified Tank	1997	305627
I	155m S	Tanks	1933	310526



ID	Location	Land Use	Date	Group ID
G	156m W	Unspecified Tank	1967	305646
G	157m W	Tanks	1967	310524
G	175m W	Unspecified Tank	1967	305647
M	326m S	Unspecified Tank	1975	326990
M	326m S	Unspecified Tank	1967	326990
J	347m SW	Unspecified Tank	1993	319933
J	347m SW	Unspecified Tank	1993	319933
J	348m SW	Unspecified Tank	1975	319933
J	348m SW	Unspecified Tank	1967	319933
J	350m SW	Unspecified Tank	1987	319933
N	363m SW	Unspecified Tank	1933	305643
O	388m S	Unspecified Tank	1975	328207
O	388m S	Unspecified Tank	1967	328207
P	435m S	Unspecified Tank	1975	318968
P	435m S	Unspecified Tank	1967	318968
Q	470m S	Unspecified Tank	1975	315253
Q	470m S	Unspecified Tank	1967	315253
R	475m S	Unspecified Tank	1967	320743
R	475m S	Unspecified Tank	1975	320743

This data is sourced from Ordnance Survey / Groundsure.

2.3 Historical energy features

Records within 500m

6

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 19](#) >

ID	Location	Land Use	Date	Group ID
E	37m NW	Electricity Substation	1987	189556



ID	Location	Land Use	Date	Group ID
E	46m NW	Electricity Substation	1993	189555
M	306m S	Electricity Substation	1975	189553
7	450m W	Electricity Substation	1978	189554
S	499m SW	Electricity Substation	-	187729
S	499m SW	Electricity Substation	1975	202816

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	6
----------------------------	----------

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

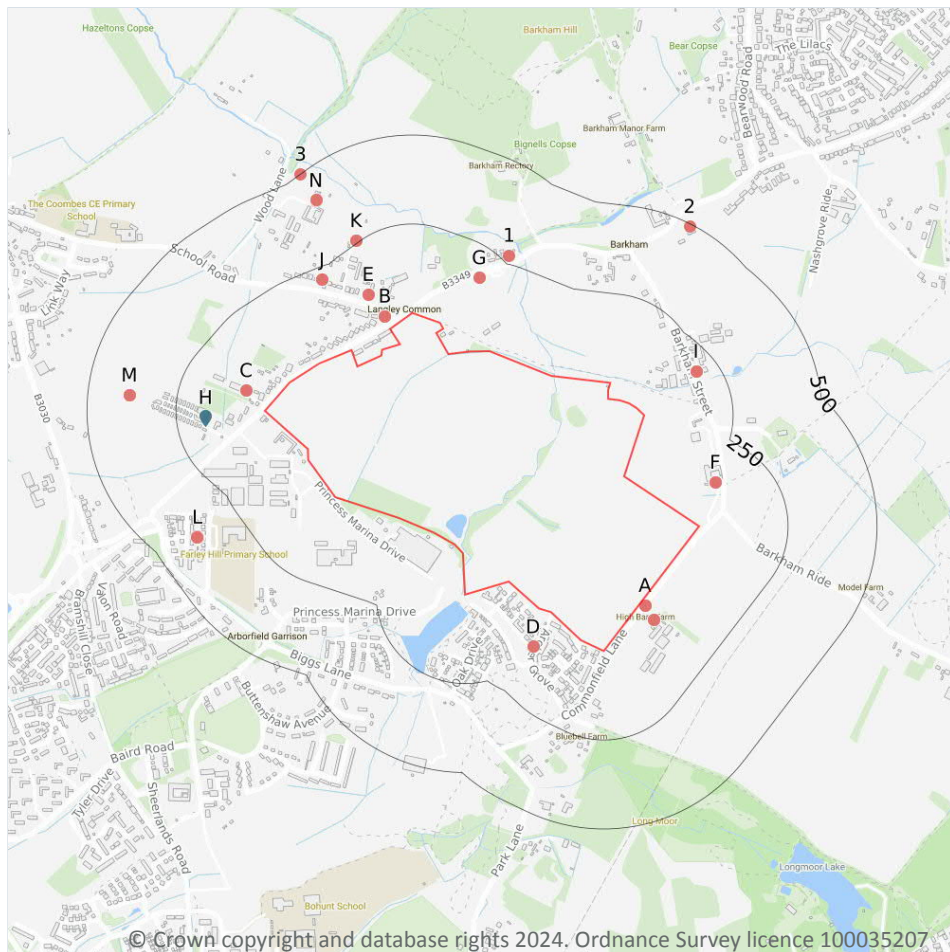
Features are displayed on the Past land use - un-grouped map on [page 19 >](#)

ID	Location	Land Use	Date	Group ID
F	47m W	Garage	1967	61051
F	47m W	Garage	1996	64926
F	47m W	Garage	1993	64926
F	47m W	Garage	1993	64926
F	49m W	Garage	1978	65167
F	49m W	Garage	1987	65167

This data is sourced from Ordnance Survey / Groundsure.



3 Waste and landfill



- Site Outline
- Search buffers in metres (m)
- Licensed waste sites
- Waste exemptions

3.1 Active or recent landfill

Records within 500m

0

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

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

3.2 Historical landfill (BGS records)

Records within 500m

0

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

This data is sourced from the British Geological Survey.



3.3 Historical landfill (LA/mapping records)

Records within 500m

0

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

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

3.4 Historical landfill (EA/NRW records)

Records within 500m

0

Known historical (closed) landfill sites (e.g. sites where there is no PPC permit or waste management licence currently in force). This includes sites that existed before the waste licensing regime and sites that have been licensed in the past but where a licence has been revoked, ceased to exist or surrendered and a certificate of completion has been issued.

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

3.5 Historical waste sites

Records within 500m

0

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

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

3.6 Licensed waste sites

Records within 500m

2

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

Features are displayed on the Waste and landfill map on [page 24 >](#)

ID	Location	Details		
H	168m W	Site Name: Lanstar, Langley Common Rd, Barkham Rg40 Site Address: Lanstar Ltd, 64, Langley Common Rd, Barkham, Wokingham, Berkshire, RG40 4TS Correspondence Address: -	Type of Site: Special Waste Transfer Station Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: LAN004 EPR reference: EA/EPR/DP3593EZ/S003 Operator: Lanstar Ltd Waste Management licence No: 83151 Annual Tonnage: 50000	Issue Date: 29/03/1995 Effective Date: - Modified: - Surrendered Date: Oct 27 1999 12:00AM Expiry Date: - Cancelled Date: - Status: Surrendered

ID	Location	Details		
H	168m W	Site Name: Lanstar, Langley Common Rd, Barkham Rg40 Site Address: 64, Langley Common Rd, Barkham, Wokingham, Berkshire, RG40 4TS Correspondence Address: -	Type of Site: Special Waste Transfer Station Size: >= 25000 tonnes 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: 646073 EPR reference: EA/EPR/DP3593EZ Operator: Lanstar Limited Waste Management licence No: 83151 Annual Tonnage: 50000	Issue Date: 29/03/1995 Effective Date: 29/03/1995 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Surrendered

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

3.7 Waste exemptions

Records within 500m	137
----------------------------	------------

Activities involving the storage, treatment, use or disposal of waste that are exempt from needing a permit. Exemptions have specific limits and conditions that must be adhered to.

Features are displayed on the Waste and landfill map on [page 24 >](#)

ID	Location	Site	Reference	Category	Sub-Category	Description
A	15m SE	-	WEX326295	Using waste exemption	On a farm	Use of waste in construction
A	15m SE	-	WEX326295	Using waste exemption	On a farm	Spreading of plant matter to confer benefit
A	15m SE	-	WEX326295	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
A	15m SE	-	WEX326295	Disposing of waste exemption	On a farm	Burning waste in the open
A	15m SE	-	WEX193988	Using waste exemption	On a Farm	Use of waste in construction
A	15m SE	-	WEX193988	Using waste exemption	On a Farm	Spreading of plant matter to confer benefit
A	15m SE	Highbarn Farm Commonfield Lane WOKINGHAM Berkshire RG40 4PR	EPR/FH0179N G/A001	Using waste exemption	Agricultural Waste Only	Use of waste in construction



ID	Location	Site	Reference	Category	Sub-Category	Description
A	15m SE	Highbarn Farm Commonfield Lane WOKINGHAM Berkshire RG40 4PR	EPR/FH0179N G/A001	Using waste exemption	Agricultural Waste Only	Spreading of plant matter to confer benefit
A	15m SE	-	WEX193988	Using waste exemption	On a Farm	Spreading waste on agricultural land to confer benefit
A	15m SE	-	WEX193988	Disposing of waste exemption	On a Farm	Burning waste in the open
A	15m SE	Highbarn Farm Commonfield Lane WOKINGHAM Berkshire RG40 4PR	EPR/FH0179N G/A001	Disposing of waste exemption	Agricultural Waste Only	Burning waste in the open
B	37m NW	Field Farm, Langley Common Road, Barkham, Wokingham, RG40 4TS	WEX297042	Disposing of waste exemption	On a Farm	Deposit of waste from dredging of inland waters
B	37m NW	Field Farm, Langley Common Road, Barkham, Wokingham, RG40 4TS	WEX297042	Treating waste exemption	On a Farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
B	37m NW	Field Farm, Langley Common Road, Barkham, Wokingham, RG40 4TS	WEX297042	Using waste exemption	On a Farm	Spreading waste on non- agricultural land to confer benefit
B	37m NW	Field Farm, Langley Common Road, Barkham, Wokingham, RG40 4TS	WEX297042	Using waste exemption	On a Farm	Use of waste for a specified purpose
B	37m NW	Field Farm, Langley Common Road, Barkham, Wokingham, RG40 4TS	WEX297042	Using waste exemption	On a Farm	Use of waste in construction
B	37m NW	Field Farm, Langley Common Road, Barkham, Wokingham, RG40 4TS	WEX297042	Disposing of waste exemption	On a Farm	Burning waste in the open
B	37m NW	Field Farm, Langley Common Road, Barkham, Wokingham, RG40 4TS	WEX297042	Using waste exemption	On a Farm	Spreading waste on agricultural land to confer benefit
A	59m SE	HIGHBARN FARM, COMMONFIELD LANE, BARKHAM, WOKINGHAM, RG40 4PR	WEX130576	Using waste exemption	On a farm	Use of waste for a specified purpose



ID	Location	Site	Reference	Category	Sub-Category	Description
A	59m SE	HIGHBARN FARM, COMMONFIELD LANE, BARKHAM, WOKINGHAM, RG40 4PR	WEX038999	Using waste exemption	On a farm	Use of waste in construction
A	59m SE	HIGHBARN FARM, COMMONFIELD LANE, BARKHAM, WOKINGHAM, RG40 4PR	WEX038999	Using waste exemption	On a farm	Spreading of plant matter to confer benefit
A	59m SE	HIGHBARN FARM, COMMONFIELD LANE, BARKHAM, WOKINGHAM, RG40 4PR	WEX038999	Disposing of waste exemption	On a farm	Burning waste in the open
A	59m SE	HIGHBARN FARM, COMMONFIELD LANE, BARKHAM, WOKINGHAM, RG40 4PR	WEX038999	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
C	77m W	Field Farm, Langley Common Road, Barkham, Wokingham, RG40 4TS	WEX158232	Using waste exemption	On a Farm	Use of waste in construction
C	77m W	Field Farm, Langley Common Road, Barkham, Wokingham, RG40 4TS	WEX158232	Treating waste exemption	On a Farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
C	77m W	Field Farm, Langley Common Road, Barkham, Wokingham, RG40 4TS	WEX158232	Using waste exemption	On a Farm	Spreading waste on non- agricultural land to confer benefit
C	77m W	Field Farm, Langley Common Road, Barkham, Wokingham, RG40 4TS	WEX158232	Using waste exemption	On a Farm	Use of waste for a specified purpose
C	77m W	Field Farm, Langley Common Road, Barkham, Wokingham, RG40 4TS	WEX158232	Disposing of waste exemption	On a Farm	Deposit of waste from dredging of inland waters
C	77m W	Field Farm, Langley Common Road, Barkham, Wokingham, RG40 4TS	WEX158232	Using waste exemption	On a Farm	Spreading waste on agricultural land to confer benefit
C	77m W	Field Farm, Langley Common Road, Barkham, Wokingham, RG40 4TS	WEX158232	Disposing of waste exemption	On a Farm	Burning waste in the open
D	107m S	-	WEX156524	Using waste exemption	Not on a Farm	Use of waste in construction
D	107m S	-	WEX156524	Treating waste exemption	Not on a Farm	Screening and blending of waste



ID	Location	Site	Reference	Category	Sub-Category	Description
E	114m NW	HANDPOST FARM, SCHOOL ROAD, BARKHAM, WOKINGHAM, RG41 4TN	WEX158113	Using waste exemption	On a Farm	Spreading of plant matter to confer benefit
E	114m NW	HANDPOST FARM, SCHOOL ROAD, BARKHAM, WOKINGHAM, RG41 4TN	WEX158113	Using waste exemption	On a Farm	Use of waste in construction
E	114m NW	HANDPOST FARM, SCHOOL ROAD, BARKHAM, WOKINGHAM, RG41 4TN	WEX158113	Disposing of waste exemption	On a Farm	Deposit of waste from dredging of inland waters
E	114m NW	HANDPOST FARM, SCHOOL ROAD, BARKHAM, WOKINGHAM, RG41 4TN	WEX158113	Using waste exemption	On a Farm	Use of waste for a specified purpose
E	114m NW	HANDPOST FARM, SCHOOL ROAD, BARKHAM, WOKINGHAM, RG41 4TN	WEX158113	Treating waste exemption	On a Farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
E	114m NW	HANDPOST FARM, SCHOOL ROAD, BARKHAM, WOKINGHAM, RG41 4TN	WEX158113	Using waste exemption	On a Farm	Spreading waste on agricultural land to confer benefit
E	114m NW	HANDPOST FARM, SCHOOL ROAD, BARKHAM, WOKINGHAM, RG41 4TN	WEX158113	Disposing of waste exemption	On a Farm	Burning waste in the open
F	126m E	BARKHAM SQUARE, BARKHAM STREET, BARKHAM, WOKINGHAM, RG40 4PN	WEX304136	Disposing of waste exemption	On a farm	Deposit of waste from dredging of inland waters
F	126m E	BARKHAM SQUARE, BARKHAM STREET, BARKHAM, WOKINGHAM, RG40 4PN	WEX304136	Treating waste exemption	On a farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
F	126m E	BARKHAM SQUARE, BARKHAM STREET, BARKHAM, WOKINGHAM, RG40 4PN	WEX304136	Using waste exemption	On a farm	Spreading of plant matter to confer benefit
F	126m E	BARKHAM SQUARE, BARKHAM STREET, BARKHAM, WOKINGHAM, RG40 4PN	WEX304136	Using waste exemption	On a farm	Use of waste for a specified purpose
F	126m E	BARKHAM SQUARE, BARKHAM STREET, BARKHAM, WOKINGHAM, RG40 4PN	WEX304136	Using waste exemption	On a farm	Use of waste in construction



ID	Location	Site	Reference	Category	Sub-Category	Description
F	126m E	BARKHAM SQUARE, BARKHAM STREET, BARKHAM, WOKINGHAM, RG40 4PN	WEX304136	Disposing of waste exemption	On a farm	Burning waste in the open
F	126m E	BARKHAM SQUARE, BARKHAM STREET, BARKHAM, WOKINGHAM, RG40 4PN	WEX304136	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
F	126m E	BARKHAM SQUARE, BARKHAM STREET, BARKHAM, WOKINGHAM, RG40 4PN	WEX168376	Using waste exemption	On a farm	Use of waste for a specified purpose
F	126m E	BARKHAM SQUARE, BARKHAM STREET, BARKHAM, WOKINGHAM, RG40 4PN	WEX168376	Disposing of waste exemption	On a farm	Deposit of waste from dredging of inland waters
F	126m E	BARKHAM SQUARE, BARKHAM STREET, BARKHAM, WOKINGHAM, RG40 4PN	WEX168376	Using waste exemption	On a farm	Use of waste in construction
F	126m E	BARKHAM SQUARE, BARKHAM STREET, BARKHAM, WOKINGHAM, RG40 4PN	WEX168376	Using waste exemption	On a farm	Spreading of plant matter to confer benefit
F	126m E	BARKHAM SQUARE, BARKHAM STREET, BARKHAM, WOKINGHAM, RG40 4PN	WEX168376	Treating waste exemption	On a farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
F	126m E	BARKHAM SQUARE, BARKHAM STREET, BARKHAM, WOKINGHAM, RG40 4PN	WEX138625	Using waste exemption	On a farm	Use of waste for a specified purpose
F	126m E	BARKHAM SQUARE, BARKHAM STREET, BARKHAM, WOKINGHAM, RG40 4PN	WEX138625	Using waste exemption	On a farm	Use of waste in construction
F	126m E	BARKHAM SQUARE FARM, BARKHAM STREET, BARKHAM, WOKINGHAM, RG40 4PN	WEX000962	Disposing of waste exemption	On a farm	Deposit of waste from dredging of inland waters



ID	Location	Site	Reference	Category	Sub-Category	Description
F	126m E	BARKHAM SQUARE FARM, BARKHAM STREET, BARKHAM, WOKINGHAM, RG40 4PN	WEX000962	Treating waste exemption	On a farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
F	126m E	BARKHAM SQUARE FARM, BARKHAM STREET, BARKHAM, WOKINGHAM, RG40 4PN	WEX000962	Using waste exemption	On a farm	Spreading of plant matter to confer benefit
F	126m E	BARKHAM SQUARE FARM, BARKHAM STREET, BARKHAM, WOKINGHAM, RG40 4PN	WEX000962	Using waste exemption	On a farm	Use of waste for a specified purpose
F	126m E	BARKHAM SQUARE, BARKHAM STREET, BARKHAM, WOKINGHAM, RG40 4PN	WEX168376	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
F	126m E	BARKHAM SQUARE, BARKHAM STREET, BARKHAM, WOKINGHAM, RG40 4PN	WEX168376	Disposing of waste exemption	On a farm	Burning waste in the open
F	126m E	BARKHAM SQUARE FARM, BARKHAM STREET, BARKHAM, WOKINGHAM, RG40 4PN	WEX000962	Disposing of waste exemption	On a farm	Burning waste in the open
F	126m E	BARKHAM SQUARE FARM, BARKHAM STREET, BARKHAM, WOKINGHAM, RG40 4PN	WEX000962	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
G	166m N	-	WEX276478	Using waste exemption	Not on a farm	Use of waste in construction
G	167m N	-	WEX249555	Using waste exemption	Not on a farm	Use of waste in construction
I	190m NE	BROOK HOUSE, BARKHAM STREET, BARKHAM, WOKINGHAM, RG40 4PH	WEX298930	Disposing of waste exemption	On a Farm	Deposit of waste from dredging of inland waters
I	190m NE	BROOK HOUSE, BARKHAM STREET, BARKHAM, WOKINGHAM, RG40 4PH	WEX298930	Treating waste exemption	On a Farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
I	190m NE	BROOK HOUSE, BARKHAM STREET, BARKHAM, WOKINGHAM, RG40 4PH	WEX298930	Using waste exemption	On a Farm	Spreading of plant matter to confer benefit



ID	Location	Site	Reference	Category	Sub-Category	Description
I	190m NE	BROOK HOUSE, BARKHAM STREET, BARKHAM, WOKINGHAM, RG40 4PH	WEX298930	Using waste exemption	On a Farm	Use of waste for a specified purpose
I	190m NE	BROOK HOUSE, BARKHAM STREET, BARKHAM, WOKINGHAM, RG40 4PH	WEX298930	Using waste exemption	On a Farm	Use of waste in construction
I	190m NE	BROOK HOUSE, BARKHAM STREET, BARKHAM, WOKINGHAM, RG40 4PH	WEX298930	Disposing of waste exemption	On a Farm	Burning waste in the open
I	190m NE	BROOK HOUSE, BARKHAM STREET, BARKHAM, WOKINGHAM, RG40 4PH	WEX298930	Using waste exemption	On a Farm	Spreading waste on agricultural land to confer benefit
I	190m NE	BROOK HOUSE, BARKHAM STREET, BARKHAM, WOKINGHAM, RG40 4PH	WEX164098	Using waste exemption	On a Farm	Use of waste in construction
I	190m NE	BROOK HOUSE, BARKHAM STREET, BARKHAM, WOKINGHAM, RG40 4PH	WEX164098	Treating waste exemption	On a Farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
I	190m NE	BROOK HOUSE, BARKHAM STREET, BARKHAM, WOKINGHAM, RG40 4PH	WEX164098	Disposing of waste exemption	On a Farm	Deposit of waste from dredging of inland waters
I	190m NE	BROOK HOUSE, BARKHAM STREET, BARKHAM, WOKINGHAM, RG40 4PH	WEX164098	Using waste exemption	On a Farm	Spreading of plant matter to confer benefit
I	190m NE	BROOK HOUSE, BARKHAM STREET, BARKHAM, WOKINGHAM, RG40 4PH	WEX164098	Using waste exemption	On a Farm	Use of waste for a specified purpose
I	190m NE	BROOK HOUSE, BARKHAM STREET, BARKHAM, WOKINGHAM, RG40 4PH	WEX164098	Disposing of waste exemption	On a Farm	Burning waste in the open
I	190m NE	BROOK HOUSE, BARKHAM STREET, BARKHAM, WOKINGHAM, RG40 4PH	WEX164098	Using waste exemption	On a Farm	Spreading waste on agricultural land to confer benefit
J	213m NW	Handpost Farm School Road WOKINGHAM Berkshire RG41 4TN	EPR/ZH0013RF /A001	Disposing of waste exemption	Agricultural Waste Only	Deposit of waste from dredging of inland waters
J	213m NW	Handpost Farm School Road WOKINGHAM Berkshire RG41 4TN	EPR/ZH0013RF /A001	Treating waste exemption	Agricultural Waste Only	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising



ID	Location	Site	Reference	Category	Sub-Category	Description
J	213m NW	Handpost Farm School Road WOKINGHAM Berkshire RG41 4TN	EPR/ZH0013RF /A001	Using waste exemption	Agricultural Waste Only	Spreading of plant matter to confer benefit
J	213m NW	Handpost Farm School Road WOKINGHAM Berkshire RG41 4TN	EPR/ZH0013RF /A001	Using waste exemption	Agricultural Waste Only	Use of waste for a specified purpose
J	213m NW	Handpost Farm School Road WOKINGHAM Berkshire RG41 4TN	EPR/ZH0013RF /A001	Disposing of waste exemption	Agricultural Waste Only	Burning waste in the open
J	213m NW	Handpost Farm School Road WOKINGHAM Berkshire RG41 4TN	EPR/ZH0013RF /A001	Using waste exemption	Agricultural Waste Only	Spreading waste on agricultural land to confer benefit
K	256m NW	WILLOW FARM, SCHOOL ROAD, BARKHAM, WOKINGHAM, RG41 4TN	WEX300062	Disposing of waste exemption	On a Farm	Deposit of waste from dredging of inland waters
K	256m NW	WILLOW FARM, SCHOOL ROAD, BARKHAM, WOKINGHAM, RG41 4TN	WEX300062	Treating waste exemption	On a Farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
K	256m NW	WILLOW FARM, SCHOOL ROAD, BARKHAM, WOKINGHAM, RG41 4TN	WEX300062	Using waste exemption	On a Farm	Spreading of plant matter to confer benefit
K	256m NW	WILLOW FARM, SCHOOL ROAD, BARKHAM, WOKINGHAM, RG41 4TN	WEX300062	Using waste exemption	On a Farm	Use of waste for a specified purpose
K	256m NW	WILLOW FARM, SCHOOL ROAD, BARKHAM, WOKINGHAM, RG41 4TN	WEX300062	Using waste exemption	On a Farm	Use of waste in construction
K	256m NW	WILLOW FARM, SCHOOL ROAD, BARKHAM, WOKINGHAM, RG41 4TN	WEX300062	Disposing of waste exemption	On a Farm	Burning waste in the open
K	256m NW	WILLOW FARM, SCHOOL ROAD, BARKHAM, WOKINGHAM, RG41 4TN	WEX300062	Using waste exemption	On a Farm	Spreading waste on agricultural land to confer benefit
K	256m NW	WILLOW FARM, SCHOOL ROAD, BARKHAM, WOKINGHAM, RG41 4TN	WEX163563	Disposing of waste exemption	On a Farm	Deposit of waste from dredging of inland waters
K	256m NW	WILLOW FARM, SCHOOL ROAD, BARKHAM, WOKINGHAM, RG41 4TN	WEX163563	Treating waste exemption	On a Farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising



ID	Location	Site	Reference	Category	Sub-Category	Description
K	256m NW	WILLOW FARM, SCHOOL ROAD, BARKHAM, WOKINGHAM, RG41 4TN	WEX163563	Using waste exemption	On a Farm	Spreading of plant matter to confer benefit
K	256m NW	WILLOW FARM, SCHOOL ROAD, BARKHAM, WOKINGHAM, RG41 4TN	WEX163563	Using waste exemption	On a Farm	Use of waste in construction
K	256m NW	WILLOW FARM, SCHOOL ROAD, BARKHAM, WOKINGHAM, RG41 4TN	WEX163563	Using waste exemption	On a Farm	Use of waste for a specified purpose
K	256m NW	WILLOW FARM, SCHOOL ROAD, BARKHAM, WOKINGHAM, RG41 4TN	WEX002772	Disposing of waste exemption	On a farm	Deposit of waste from dredging of inland waters
K	256m NW	WILLOW FARM, SCHOOL ROAD, BARKHAM, WOKINGHAM, RG41 4TN	WEX002772	Treating waste exemption	On a farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
K	256m NW	WILLOW FARM, SCHOOL ROAD, BARKHAM, WOKINGHAM, RG41 4TN	WEX002772	Using waste exemption	On a farm	Spreading of plant matter to confer benefit
K	256m NW	WILLOW FARM, SCHOOL ROAD, BARKHAM, WOKINGHAM, RG41 4TN	WEX002772	Using waste exemption	On a farm	Use of waste for a specified purpose
K	256m NW	WILLOW FARM, SCHOOL ROAD, BARKHAM, WOKINGHAM, RG41 4TN	WEX163563	Disposing of waste exemption	On a Farm	Burning waste in the open
K	256m NW	WILLOW FARM, SCHOOL ROAD, BARKHAM, WOKINGHAM, RG41 4TN	WEX163563	Using waste exemption	On a Farm	Spreading waste on agricultural land to confer benefit
K	256m NW	WILLOW FARM, SCHOOL ROAD, BARKHAM, WOKINGHAM, RG41 4TN	WEX002772	Disposing of waste exemption	On a farm	Burning waste in the open
K	256m NW	WILLOW FARM, SCHOOL ROAD, BARKHAM, WOKINGHAM, RG41 4TN	WEX002772	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
1	270m N	-	WEX263217	Treating waste exemption	Not on a farm	Screening and blending of waste
L	381m W	-	WEX273096	Using waste exemption	Not on a farm	Spreading waste on non-agricultural land to confer benefit



ID	Location	Site	Reference	Category	Sub-Category	Description
L	381m W	-	WEX273096	Treating waste exemption	Not on a farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
L	381m W	-	WEX273096	Treating waste exemption	Not on a farm	Aerobic composting and associated prior treatment
L	381m W	-	WEX273096	Using waste exemption	Not on a farm	Use of mulch
L	381m W	Arborfield Garrison, Reading, Berks, RG2 9NH	WEX133895	Treating waste exemption	Not on a farm	Aerobic composting and associated prior treatment
L	381m W	Arborfield Garrison, Reading, Berks, RG2 9NH	WEX133895	Treating waste exemption	Not on a farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
L	381m W	Arborfield Garrison, Reading, Berks, RG2 9NH	WEX134560	Using waste exemption	Not on a farm	Spreading waste on non-agricultural land to confer benefit
L	381m W	Arborfield Garrison, Reading, Berks, RG2 9NH	WEX133895	Using waste exemption	Not on a farm	Use of mulch
L	381m W	Arborfield Garrison Berks RG2 9NH	EPR/HF0604H V/A001	Treating waste exemption	Non-Agricultural Waste Only	Aerobic composting and associated prior treatment
L	381m W	Arborfield Garrison Berks RG2 9NH	EPR/HF0604H V/A001	Using waste exemption	Non-Agricultural Waste Only	Use of mulch
L	382m W	Hazebrouck Barracks READING RG2 9NH	EPR/BF0736EV /A001	Treating waste exemption	Non-Agricultural Waste Only	Aerobic composting and associated prior treatment
L	382m W	Hazebrouck Barracks READING RG2 9NH	EPR/BF0736EV /A001	Treating waste exemption	Non-Agricultural Waste Only	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
M	384m W	Field Farm Langley Common Road Barkham RG40 4TS	EPR/PF0704EQ /A001	Disposing of waste exemption	Both agricultural and non-agricultural waste	Deposit of waste from dredging of inland waters
M	384m W	Field Farm Langley Common Road Barkham RG40 4TS	EPR/PF0704EQ /A001	Treating waste exemption	Both agricultural and non-agricultural waste	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising



ID	Location	Site	Reference	Category	Sub-Category	Description
M	384m W	Field Farm Langley Common Road Barkham RG40 4TS	EPR/PF0704EQ /A001	Using waste exemption	Both agricultural and non- agricultural waste	Use of waste in construction
M	384m W	Field Farm Langley Common Road Barkham RG40 4TS	EPR/PF0704EQ /A001	Using waste exemption	Both agricultural and non- agricultural waste	Spreading waste on non- agricultural land to confer benefit
M	384m W	Field Farm Langley Common Road Barkham RG40 4TS	EPR/PF0704EQ /A001	Using waste exemption	Both agricultural and non- agricultural waste	Use of waste for a specified purpose
M	384m W	Field Farm Langley Common Road Barkham RG40 4TS	EPR/SE5353ZY /A001	Disposing of waste exemption	Agricultural Waste Only	Deposit of waste from dredging of inland waters
M	384m W	Field Farm Langley Common Road Barkham RG40 4TS	EPR/SE5353ZY /A001	Treating waste exemption	Both agricultural and non- agricultural waste	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
M	384m W	Field Farm Langley Common Road Barkham RG40 4TS	EPR/SE5353ZY /A001	Using waste exemption	Both agricultural and non- agricultural waste	Use of waste in construction
M	384m W	Field Farm Langley Common Road Barkham RG40 4TS	EPR/SE5353ZY /A001	Using waste exemption	Both agricultural and non- agricultural waste	Use of waste for a specified purpose
M	384m W	Field Farm Langley Common Road Barkham RG40 4TS	EPR/PF0704EQ /A001	Disposing of waste exemption	Both agricultural and non- agricultural waste	Burning waste in the open
M	384m W	Field Farm Langley Common Road Barkham RG40 4TS	EPR/PF0704EQ /A001	Using waste exemption	Both agricultural and non- agricultural waste	Spreading waste on agricultural land to confer benefit

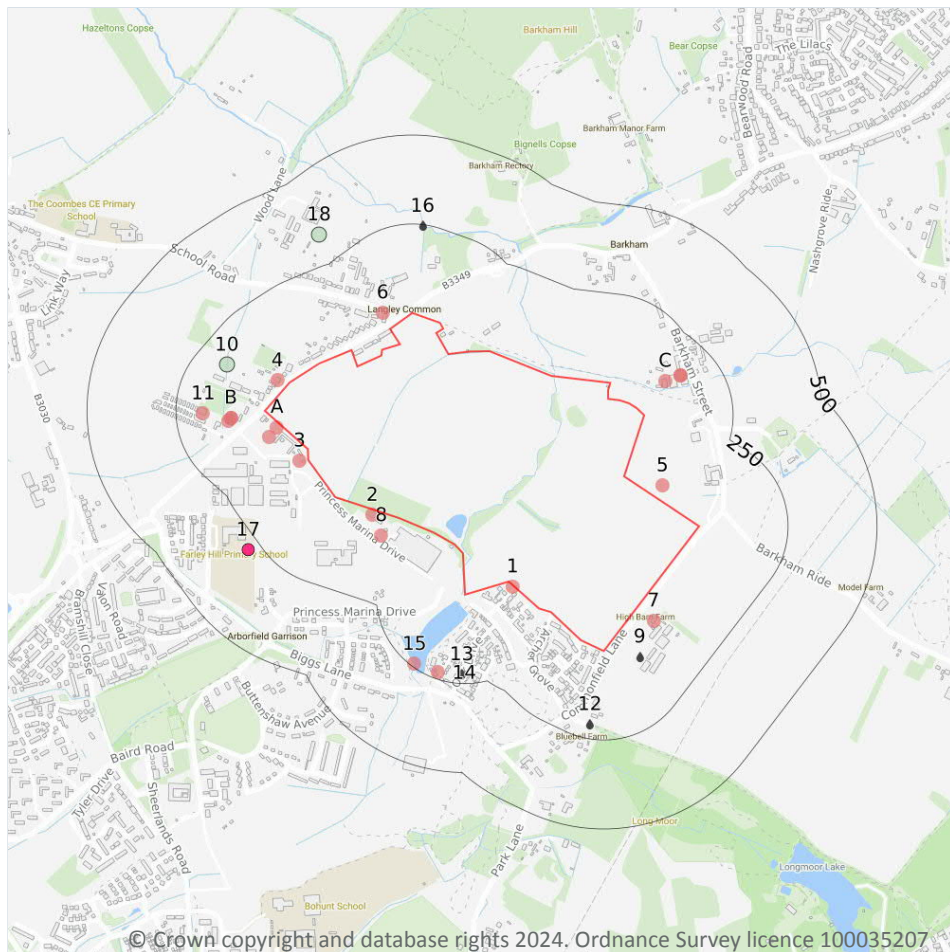


ID	Location	Site	Reference	Category	Sub-Category	Description
M	384m W	Field Farm Langley Common Road Barkham RG40 4TS	EPR/SE5353ZY /A001	Disposing of waste exemption	Agricultural Waste Only	Deposit of agricultural waste consisting of plant tissue under a Plant Health notice
M	384m W	Field Farm Langley Common Road Barkham RG40 4TS	EPR/SE5353ZY /A001	Using waste exemption	Agricultural Waste Only	Spreading waste on agricultural land to confer benefit
M	384m W	Field Farm Langley Common Road Barkham RG40 4TS	EPR/SE5353ZY /A001	Disposing of waste exemption	Both agricultural and non- agricultural waste	Burning waste in the open
N	414m NW	Land Adjoining Arborfield Sewage Treatment Works, Wood Lane, Barkham, RG41 4TS, RG41 4TS	WEX362058	Using waste exemption	On a farm	Use of waste in construction
N	414m NW	Land Adjoining Arborfield Sewage Treatment Works, Wood Lane, Barkham, RG41 4TS	WEX225359	Using waste exemption	On a Farm	Use of waste in construction
N	414m NW	Wokingham Borough Council Chipping Dump, Wood Lane, Arborfield, RG41 4TS	WEX022995	Storing waste exemption	Not on a farm	Storage of waste in a secure place
N	414m NW	Safe horses turst, Wood Lane, Barkham, WOKINGHAM, RG41 4TS	WEX160553	Using waste exemption	Not on a Farm	Use of waste in construction
N	414m NW	VolkerHighways, Wokingham Borough Council storage area, Wood Lane, Arborfield, RG41 4TS	WEX165490	Storing waste exemption	Not on a Farm	Storage of waste in a secure place
2	491m NE	Home Farm Buildings adjoining The Baliffs Cottage Barkham Road Barkham Berkshire RG41 4TG	EPR/YE5944N M/A001	Using waste exemption	Non- Agricultural Waste Only	Use of waste in construction
3	499m NW	-	WEX373519	Storing waste exemption	Not on a farm	Storage of waste in a secure place

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
- Radioactive Substance Authorisations
- Licensed Discharges to controlled waters
- Pollution Incidents (EA/NRW)

4.1 Recent industrial land uses

Records within 250m

19

Current potentially contaminative industrial sites.

Features are displayed on the Current industrial land use map on [page 38](#) >

ID	Location	Company	Address	Activity	Category
1	3m S	Electricity Sub Station	Berkshire, RG2	Electrical Features	Infrastructure and Facilities
A	12m W	Tank	Berkshire, RG40	Tanks (Generic)	Industrial Features
2	15m W	Mast	Berkshire, RG40	Telecommunications Features	Infrastructure and Facilities



ID	Location	Company	Address	Activity	Category
3	25m W	Water Tower	Berkshire, RG40	Water Pumping Stations	Industrial Features
4	30m NW	Iona Engineering	38, Langley Common Road, Barkham, Berkshire, RG40 4TS	Precision Engineers	Engineering Services
5	38m E	Tank	Berkshire, RG40	Tanks (Generic)	Industrial Features
A	48m W	Tank	Berkshire, RG40	Tanks (Generic)	Industrial Features
6	50m NW	Electricity Sub Station	Berkshire, RG40	Electrical Features	Infrastructure and Facilities
7	59m SE	Aj Lake	High Barn Farm, Commonfield Lane, Barkham, Berkshire, RG40 4PR	Agricultural Contractors	Contract Services
8	62m SW	Electricity Sub Station	Berkshire, RG40	Electrical Features	Infrastructure and Facilities
B	98m W	Stay Sure Tyres	58-62, Langley Common Road, Barkham, Berkshire, RG40 4TS	Vehicle Parts and Accessories	Motoring
B	98m W	Coupes & Convertibles Ltd	58-62, Langley Common Road, Barkham, Berkshire, RG40 4TS	Secondhand Vehicles	Motoring
B	108m W	Redlake Garage Services Ltd	58-62, Langley Common Road, Barkham, Wokingham, Berkshire, RG40 4TS	Vehicle Repair, Testing and Servicing	Repair and Servicing
C	111m NE	Jomar Engineering	Unit 5 Barkham Grange, Barkham Street, Barkham, Berkshire, RG40 4PJ	Metalworkers Including Blacksmiths	Construction Services
C	151m NE	Axis Tooling Solutions Ltd	Barkham Grange, Barkham Street, Barkham, Berkshire, RG40 4PJ	Rubber, Silicones and Plastics	Industrial Products
C	151m NE	Little Knocks	Barkham Grange, Barkham Street, Barkham, Berkshire, RG40 4PJ	Vehicle Repair, Testing and Servicing	Repair and Servicing
11	174m W	Imperial Bodycraft	64b, Langley Common Road, Barkham, Berkshire, RG40 4TS	Vehicle Repair, Testing and Servicing	Repair and Servicing
14	230m S	Electricity Sub Station	Berkshire, RG2	Electrical Features	Infrastructure and Facilities
15	241m S	Jetty	Berkshire, RG2	Moorings and Unloading Facilities	Water

This data is sourced from Ordnance Survey.



4.2 Current or recent petrol stations

Records within 500m**0**

Open, closed, under development and obsolete petrol stations.

This data is sourced from Experian.

4.3 Electricity cables

Records within 500m**0**

High voltage underground electricity transmission cables.

This data is sourced from National Grid.

4.4 Gas pipelines

Records within 500m**0**

High pressure underground gas transmission pipelines.

This data is sourced from National Grid.

4.5 Sites determined as Contaminated Land

Records within 500m**0**

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

This data is sourced from Local Authority records.

4.6 Control of Major Accident Hazards (COMAH)

Records within 500m**0**

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

This data is sourced from the Health and Safety Executive.



4.7 Regulated explosive sites

Records within 500m

0

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

This data is sourced from the Health and Safety Executive.

4.8 Hazardous substance storage/usage

Records within 500m

0

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

This data is sourced from Local Authority records.

4.9 Historical licensed industrial activities (IPC)

Records within 500m

0

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

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

4.10 Licensed industrial activities (Part A(1))

Records within 500m

0

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

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

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

Records within 500m

0

Records of Part A(2) and Part B installations regulated under the Environmental Permitting (England and Wales) Regulations 2016 for the release of substances to the environment.

This data is sourced from Local Authority records.

4.12 Radioactive Substance Authorisations

Records within 500m

1

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

Features are displayed on the Current industrial land use map on [page 38 >](#)

ID	Location	Address	Details	
17	285m W	Ministry Of Defence, School Of Electronic Engineering, hazelbrouck Barracks, arborfield, Reading, Berkshire, RG2 9NH	Operator: Ministry Of Defence Type: Keeping And Use Of Radioactive Materials (was Rsa60 Section 1). Permission number: AM4762 Date of approval: 31/03/1991	Effective from: 31/03/1991 Last date of update: 01/01/2015 Status: Superseded By Variation

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

4.13 Licensed Discharges to controlled waters

Records within 500m

4

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

Features are displayed on the Current industrial land use map on [page 38 >](#)

ID	Location	Address	Details	
9	89m SE	BROOK FARM, COMMONFIELD LANE, BARKH, BROOK FARM, COMMONFIELD LANE, BARKHAM, WOKINGHAM, BERKS	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: CTCU.1396 Permit Version: 1 Receiving Water: SAND (LWR BAGSHOT BEDS) STRATA	Status: TRANSFERRED FROM WRA 1963 Issue date: 03/06/1985 Effective Date: 03/06/1985 Revocation Date: -
12	209m S	WINDMILL FARM COTTAGE, COMMONFIELD LANE, BARKHAM, WOKINGHAM, BERKSHIRE, RG40 4PP	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: CASM.0785 Permit Version: 1 Receiving Water: LAND AND TRIB OF LONGMOOR LAKE	Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 21/02/2003 Effective Date: 06/02/2003 Revocation Date: -
13	224m S	ARBORFIELD GARRISON, ARBORFIELD, NE, ARBORFIELD GARRISON, ARBORFIELD NEAR READING, BERKSHIRE	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE Permit Number: CATM.2572 Permit Version: 1 Receiving Water: TRIBUTARY OF THE BARKHAM BROOK	Status: NEW CONSENT, BY APPLICATION (WRA 91, SECTION 88) Issue date: 19/12/1996 Effective Date: 19/12/1996 Revocation Date: -



ID	Location	Address	Details	
16	246m N	CALDWELL HOUSE, BARKHAM ROAD, BARKHAM, WOKINGHAM, BERKSHIRE	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: CASM.0130 Permit Version: 1 Receiving Water: LAND AND BARKHAM BROOK	Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 26/05/2000 Effective Date: 13/09/1999 Revocation Date: -

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

4.14 Pollutant release to surface waters (Red List)

Records within 500m

0

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

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

4.15 Pollutant release to public sewer

Records within 500m

0

Discharges of Special Category Effluents to the public sewer.

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

4.16 List 1 Dangerous Substances

Records within 500m

0

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

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

4.17 List 2 Dangerous Substances

Records within 500m

0

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

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



4.18 Pollution Incidents (EA/NRW)

Records within 500m

2

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 38](#) >

ID	Location	Details	
10	165m W	Incident Date: 15/08/2002 Incident Identification: 100497 Pollutant: Inert Materials and Wastes Pollutant Description: Other Inert Material or Waste	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
18	332m NW	Incident Date: 12/08/2002 Incident Identification: 99483 Pollutant: Inert Materials and Wastes Pollutant Description: Soils and Clay	Water Impact: Category 4 (No Impact) Land Impact: Category 2 (Significant) Air Impact: Category 4 (No Impact)

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

4.19 Pollution inventory substances

Records within 500m

0

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

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

4.20 Pollution inventory waste transfers

Records within 500m

0

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

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



4.21 Pollution inventory radioactive waste

Records within 500m

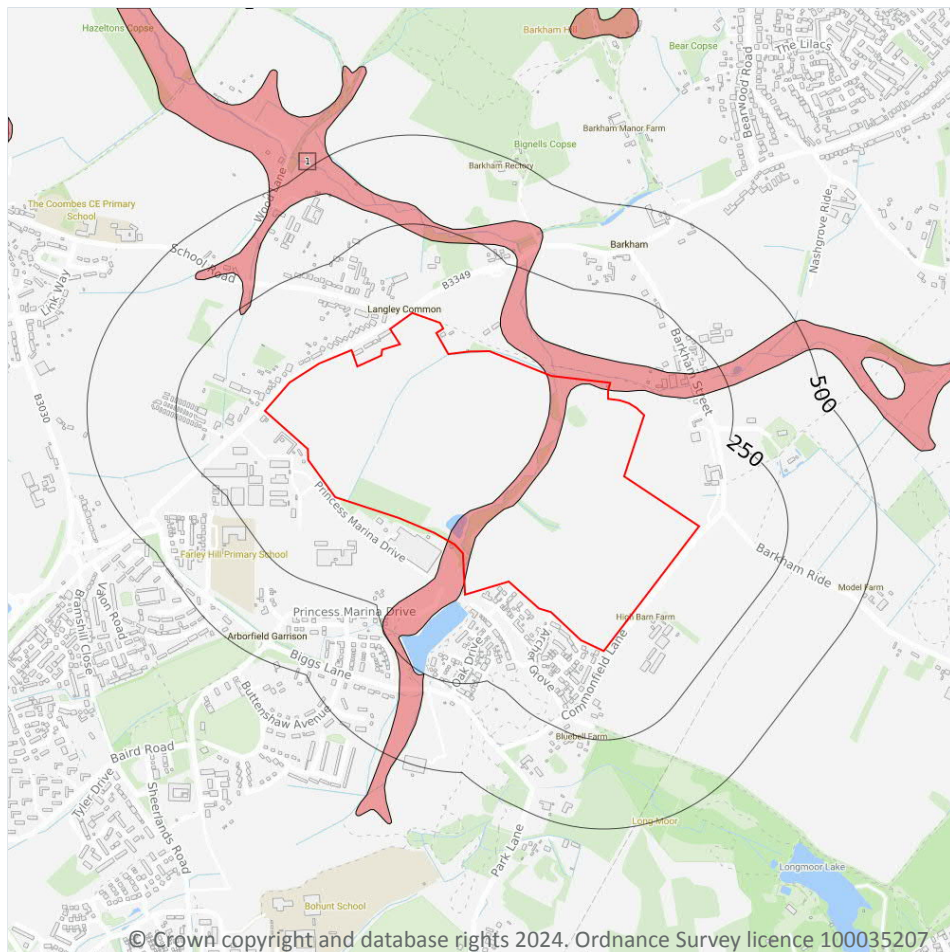
0

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

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



5 Hydrogeology - Superficial aquifer



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

5.1 Superficial aquifer

Records within 500m

1

Aquifer status of groundwater held within superficial geology.

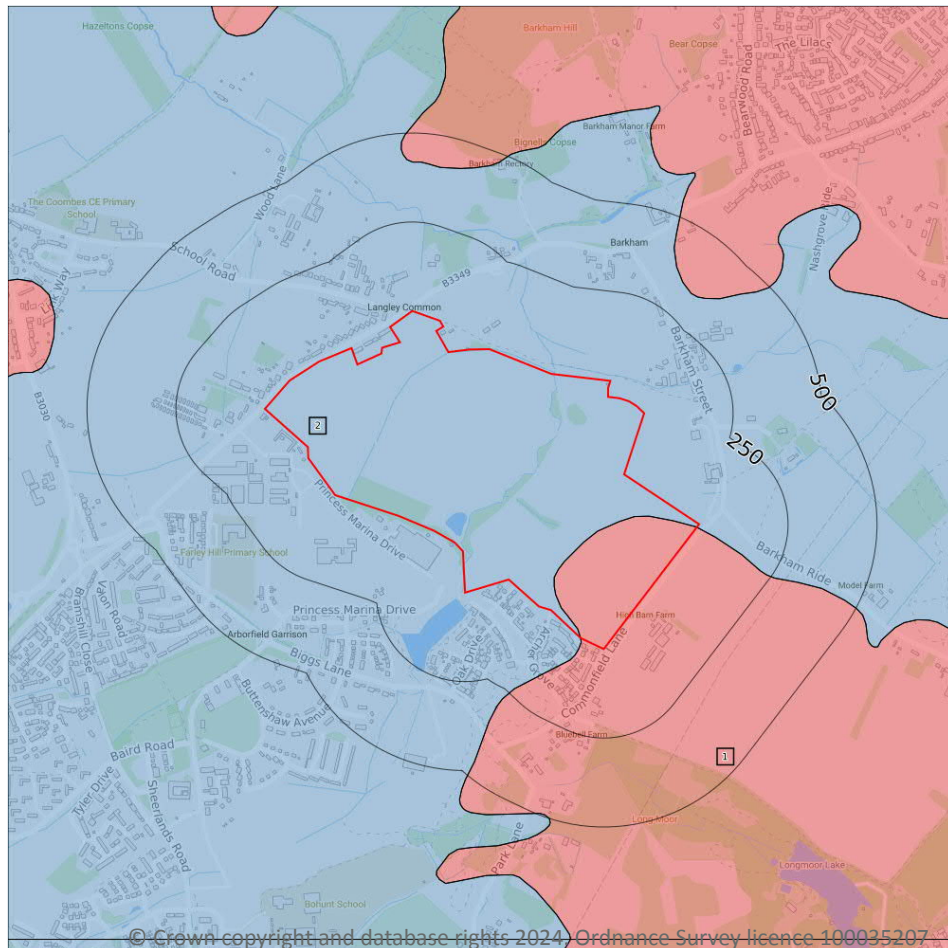
Features are displayed on the Hydrogeology map on [page 46](#) >

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

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



Bedrock aquifer



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

5.2 Bedrock aquifer

Records within 500m

2

Aquifer status of groundwater held within bedrock geology.

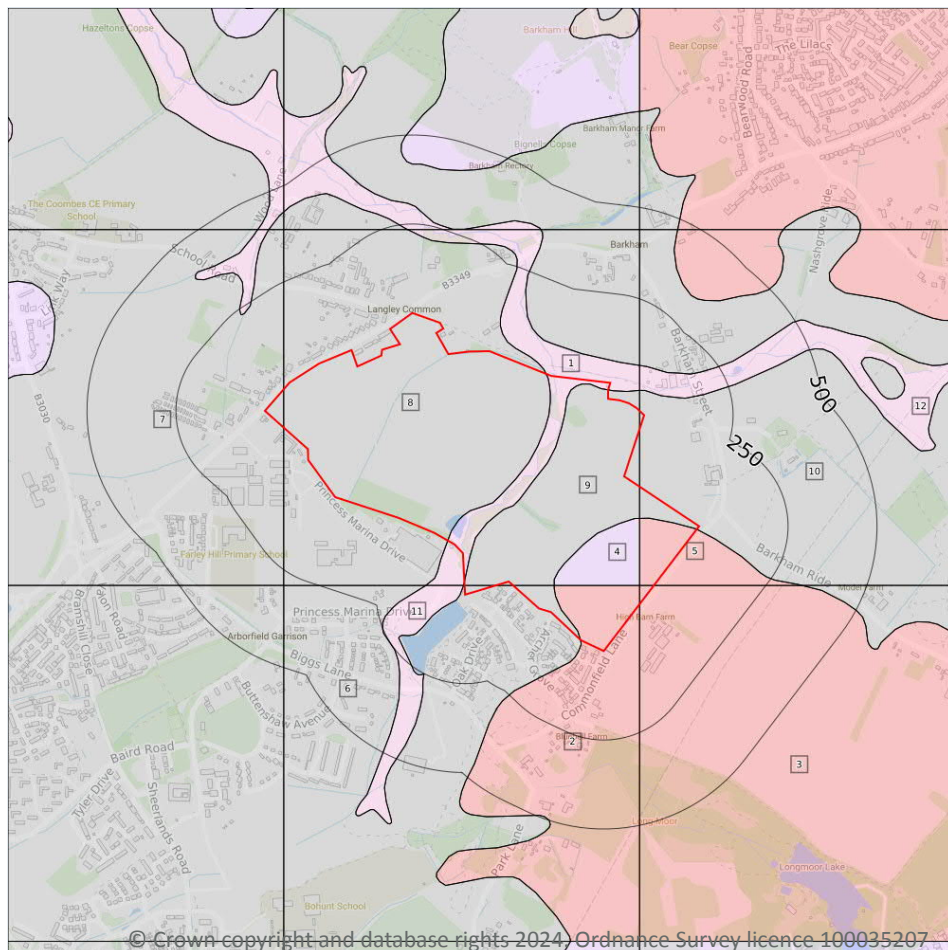
Features are displayed on the Bedrock aquifer map on [page 47](#) >

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	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow

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

12

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 48](#) >



ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
1	On site	Summary Classification: Secondary superficial aquifer - Medium Vulnerability Combined classification: Unproductive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Low Infiltration value: 40- 70% Dilution value: <300mm/year	Vulnerability: Medium Aquifer type: Secondary Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Mixed
2	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Secondary Flow mechanism: Mixed
3	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Intermediate Infiltration value: >70% Dilution value: 300- 550mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Secondary Flow mechanism: Mixed
4	On site	Summary Classification: Secondary bedrock aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low Infiltration value: 40- 70% Dilution value: <300mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: Medium Aquifer type: Secondary Flow mechanism: Mixed
5	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Secondary Flow mechanism: Mixed
6	On site	Summary Classification: Unproductive aquifer (may have productive aquifer beneath) Combined classification: Unproductive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Mixed



ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
7	On site	Summary Classification: Unproductive aquifer (may have productive aquifer beneath) Combined classification: Unproductive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low Infiltration value: 40-70% Dilution value: <300mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Mixed
8	On site	Summary Classification: Unproductive aquifer (may have productive aquifer beneath) Combined classification: Unproductive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low Infiltration value: 40-70% Dilution value: <300mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Mixed
9	On site	Summary Classification: Unproductive aquifer (may have productive aquifer beneath) Combined classification: Unproductive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low Infiltration value: 40-70% Dilution value: <300mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Mixed
10	On site	Summary Classification: Unproductive aquifer (may have productive aquifer beneath) Combined classification: Unproductive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Mixed
11	3m S	Summary Classification: Secondary superficial aquifer - Medium Vulnerability Combined classification: Unproductive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Low Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: Medium Aquifer type: Secondary Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Mixed
12	46m NE	Summary Classification: Secondary superficial aquifer - Medium Vulnerability Combined classification: Unproductive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Low Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: Medium Aquifer type: Secondary Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Mixed

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

6

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 52 >](#)



ID	Location	Details	
-	1447m NW	Status: Historical Licence No: 28/39/24/0102 Details: General Farming & Domestic Direct Source: THAMES GROUNDWATER Point: WELL AT NEWLANDS, ARBORFIELD Data Type: Point Name: HATCH FARM DAIRIES LTD Easting: 476800 Northing: 168100	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 08/05/1967 Expiry Date: - Issue No: 101 Version Start Date: 01/04/2001 Version End Date: -
-	1943m E	Status: Historical Licence No: 28/39/24/0250 Details: Spray Irrigation - Direct Direct Source: THAMES GROUNDWATER Point: SANDMARTINS GOLF CLUB WOKINGHAM-BOREHOLE 'B' Data Type: Point Name: SANDMARTINS GOLF CLUB LIMITED Easting: 480110 Northing: 166200	Annual Volume (m ³): 30000 Max Daily Volume (m ³): 150 Original Application No: - Original Start Date: 31/08/2006 Expiry Date: 31/03/2016 Issue No: 1 Version Start Date: 31/08/2006 Version End Date: -
-	1945m E	Status: Active Licence No: 28/39/24/0250/R01 Details: Spray Irrigation - Direct Direct Source: THAMES GROUNDWATER Point: SANDMARTINS GOLF CLUB WOKINGHAM-BOREHOLE 'B' Data Type: Point Name: SANDMARTINS GOLF CLUB LIMITED Easting: 480112 Northing: 166212	Annual Volume (m ³): 15000 Max Daily Volume (m ³): 150 Original Application No: NPS/WR/019290 Original Start Date: 01/04/2016 Expiry Date: 31/03/2028 Issue No: 1 Version Start Date: 01/04/2021 Version End Date: -
-	1945m E	Status: Historical Licence No: 28/39/24/0250 Details: Spray Irrigation - Direct Direct Source: THAMES GROUNDWATER Point: SANDMARTINS GOLF CLUB WOKINGHAM-BOREHOLE 'B' Data Type: Point Name: SANDMARTINS GOLF CLUB LIMITED Easting: 480112 Northing: 166212	Annual Volume (m ³): 30000 Max Daily Volume (m ³): 150 Original Application No: - Original Start Date: 31/08/2006 Expiry Date: 31/03/2016 Issue No: 1 Version Start Date: 31/08/2006 Version End Date: -



ID	Location	Details	
-	1983m E	Status: Historical Licence No: 28/39/24/0250 Details: Spray Irrigation - Direct Direct Source: THAMES GROUNDWATER Point: SANDMARTINS GOLF CLUB WOKINGHAM -BOREHOLE 'A' Data Type: Point Name: SANDMARTINS GOLF CLUB LIMITED Easting: 480150 Northing: 166200	Annual Volume (m ³): 30000 Max Daily Volume (m ³): 150 Original Application No: - Original Start Date: 31/08/2006 Expiry Date: 31/03/2016 Issue No: 1 Version Start Date: 31/08/2006 Version End Date: -
-	1988m N	Status: Historical Licence No: 28/39/24/0152 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: THAMES GROUNDWATER Point: BEAR WOOD, SINDLESHAM - BOREHOLE 'B' Data Type: Point Name: ROYAL MERCHANT NAVY SCHOOL FOUNDATION Easting: 476900 Northing: 168700	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 09/10/1972 Expiry Date: - Issue No: 100 Version Start Date: 05/03/1980 Version End Date: -

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

5.7 Surface water abstractions

Records within 2000m	6
-----------------------------	----------

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

Features are displayed on the Abstractions and Source Protection Zones map on [page 52 >](#)

ID	Location	Details	
-	1646m N	Status: Historical Licence No: 28/39/24/0223 Details: Spray Irrigation - Direct Direct Source: THAMES SURFACE WATER - NON TIDAL Point: BEARWOOD LAKE AT BEARWOOD LAKES GOLF CLUB Data Type: Point Name: WARD WILSON INVESTMENTS LTD Easting: 477560 Northing: 168400	Annual Volume (m ³): 26940 Max Daily Volume (m ³): 427 Original Application No: - Original Start Date: 02/05/1996 Expiry Date: 31/12/2006 Issue No: 100 Version Start Date: 21/05/1998 Version End Date: -



ID	Location	Details	
-	1646m N	Status: Historical Licence No: 28/39/24/0251 Details: Spray Irrigation - Direct Direct Source: THAMES SURFACE WATER - NON TIDAL Point: BEARWOOD LAKE AT BEARWOOD LAKES GOLF CLUB Data Type: Point Name: WARD WILSON INVESTMENTS LTD Easting: 477560 Northing: 168400	Annual Volume (m ³): 26940 Max Daily Volume (m ³): 427 Original Application No: - Original Start Date: 01/01/2007 Expiry Date: 31/03/2016 Issue No: 1 Version Start Date: 01/04/2012 Version End Date: -
-	1646m N	Status: Historical Licence No: 28/39/24/0251/R01 Details: Spray Irrigation - Direct Direct Source: THAMES SURFACE WATER - NON TIDAL Point: BEARWOOD LAKE AT BEARWOOD LAKES GOLF CLUB Data Type: Point Name: WARD WILSON INVESTMENTS LTD Easting: 477560 Northing: 168400	Annual Volume (m ³): 26940 Max Daily Volume (m ³): 427 Original Application No: - Original Start Date: 01/04/2016 Expiry Date: 31/03/2028 Issue No: 1 Version Start Date: 01/04/2016 Version End Date: -
-	1646m N	Status: Historical Licence No: 28/39/24/0251/R01 Details: Spray Irrigation - Storage Direct Source: THAMES SURFACE WATER - NON TIDAL Point: BEARWOOD LAKE AT BEARWOOD LAKES GOLF CLUB Data Type: Point Name: WARD WILSON INVESTMENTS LTD Easting: 477560 Northing: 168400	Annual Volume (m ³): 36000 Max Daily Volume (m ³): 854 Original Application No: NPS/WR/029765 Original Start Date: 01/04/2016 Expiry Date: 31/03/2028 Issue No: 3 Version Start Date: 01/04/2019 Version End Date: -
-	1995m N	Status: Historical Licence No: 28/39/24/0200 Details: Spray Irrigation - Direct Direct Source: THAMES SURFACE WATER - NON TIDAL Point: BEARWOOD LAKE AT BEARWOOD GOLF COURSE, SINDLESHAM Data Type: Point Name: RFC Bearwood Limited Easting: 477071 Northing: 168740	Annual Volume (m ³): 2273 Max Daily Volume (m ³): 33 Original Application No: NPS/WR/025060 Original Start Date: 01/08/1989 Expiry Date: - Issue No: 102 Version Start Date: 22/12/2016 Version End Date: -



ID	Location	Details	
-	1995m N	Status: Historical Licence No: 28/39/24/0200 Details: Spray Irrigation - Direct Direct Source: THAMES SURFACE WATER - NON TIDAL Point: BEARWOOD LAKE AT BEARWOOD GOLF COURSE, SINDLESHAM Data Type: Point Name: ROYAL MERCHANT NAVY SCHOOL FOUNDATION Easting: 477070 Northing: 168740	Annual Volume (m ³): 2273 Max Daily Volume (m ³): 33 Original Application No: - Original Start Date: 01/08/1989 Expiry Date: - Issue No: 100 Version Start Date: 01/04/2008 Version End Date: -

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

5.8 Potable abstractions

Records within 2000m	1
-----------------------------	----------

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.

Features are displayed on the Abstractions and Source Protection Zones map on [page 52 >](#)

ID	Location	Details	
-	1988m N	Status: Historical Licence No: 28/39/24/0152 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: THAMES GROUNDWATER Point: BEAR WOOD, SINDLESHAM - BOREHOLE 'B' Data Type: Point Name: ROYAL MERCHANT NAVY SCHOOL FOUNDATION Easting: 476900 Northing: 168700	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 09/10/1972 Expiry Date: - Issue No: 100 Version Start Date: 05/03/1980 Version End Date: -

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

5.9 Source Protection Zones

Records within 500m	0
----------------------------	----------

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

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



5.10 Source Protection Zones (confined aquifer)

Records within 500m

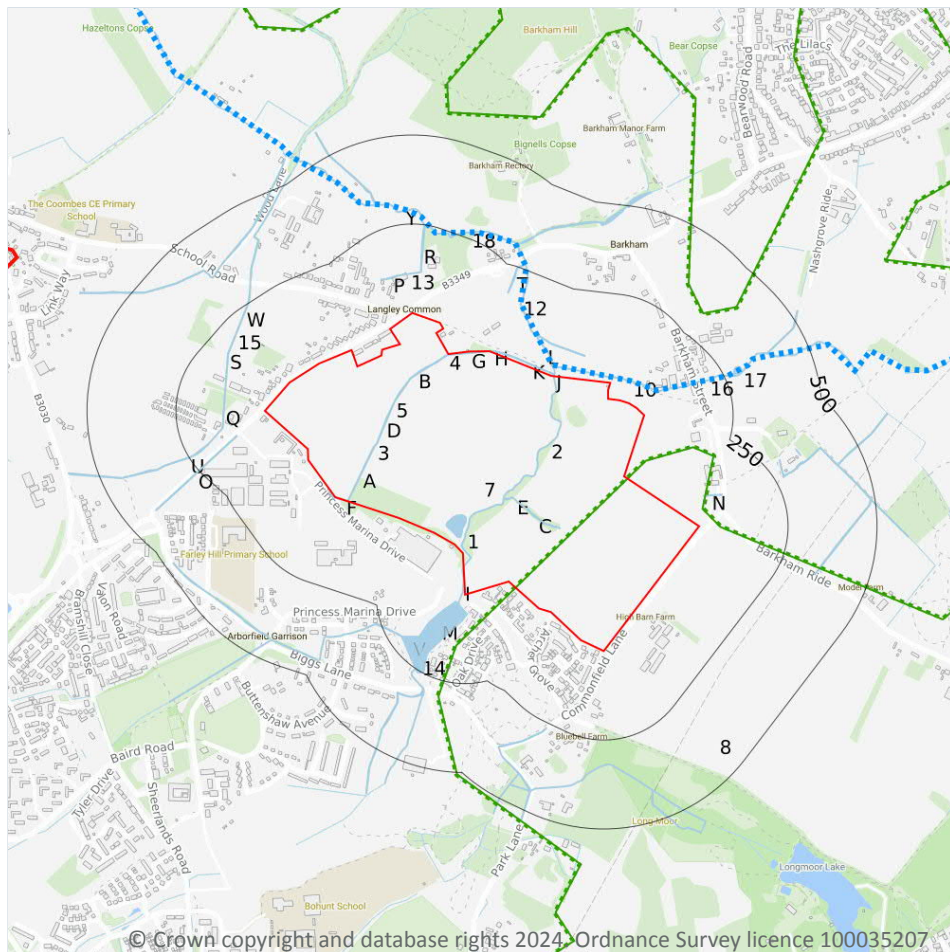
0

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

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



6 Hydrology



6.1 Water Network (OS MasterMap)

Records within 250m

61

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 58 >](#)

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



ID	Location	Type of water feature	Ground level	Permanence	Name
2	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
3	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
4	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
5	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
A	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
B	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
C	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
D	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
E	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
E	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
F	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
G	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
F	1m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-



ID	Location	Type of water feature	Ground level	Permanence	Name
H	3m N	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
I	3m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
I	3m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
H	4m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
J	5m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
J	5m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
J	7m NE	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
K	7m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
I	9m S	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
H	10m N	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
10	15m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
L	27m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
M	31m S	Lake, loch or reservoir.	On ground surface	Watercourse contains water year round (in normal circumstances)	-



ID	Location	Type of water feature	Ground level	Permanence	Name
L	66m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
N	78m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
12	92m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
N	100m E	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
O	104m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
N	104m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
13	109m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
P	113m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
Q	115m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
R	117m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
P	120m NW	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
Q	120m W	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
Q	122m W	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-



ID	Location	Type of water feature	Ground level	Permanence	Name
Q	123m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
Q	124m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
P	124m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
Q	127m W	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
Q	128m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
Q	138m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
Q	148m W	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
S	149m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
T	171m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
U	183m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
14	191m S	Lake, loch or reservoir.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
V	191m S	Lake, loch or reservoir.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
15	202m NW	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-



ID	Location	Type of water feature	Ground level	Permanence	Name
16	203m NE	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
W	203m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
17	206m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
V	215m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
V	224m SW	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
V	227m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
18	233m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
Y	246m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-

This data is sourced from the Ordnance Survey.

6.2 Surface water features

Records within 250m

25

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 58](#) >

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 58 >](#)

ID	Location	Type	Water body catchment	Water body ID	Operational catchment	Management catchment
7	On site	River	Barkham Brook	GB106039017400	Loddon	Loddon and Trib

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

6.4 WFD Surface water bodies

Records identified

1

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

Features are displayed on the Hydrology map on [page 58 >](#)

ID	Location	Type	Name	Water body ID	Overall rating	Chemical rating	Ecological rating	Year
11	17m NE	River	Barkham Brook	GB106039017400 ↗	Moderate	Fail	Moderate	2019

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

6.5 WFD Groundwater bodies

Records on site

1

Groundwater bodies are also covered by the Directive and the same regime of objectives and reporting detailed in the previous section is in place. Click on the water body ID in the table to visit the EA Catchment Explorer to find out more about each groundwater body listed.

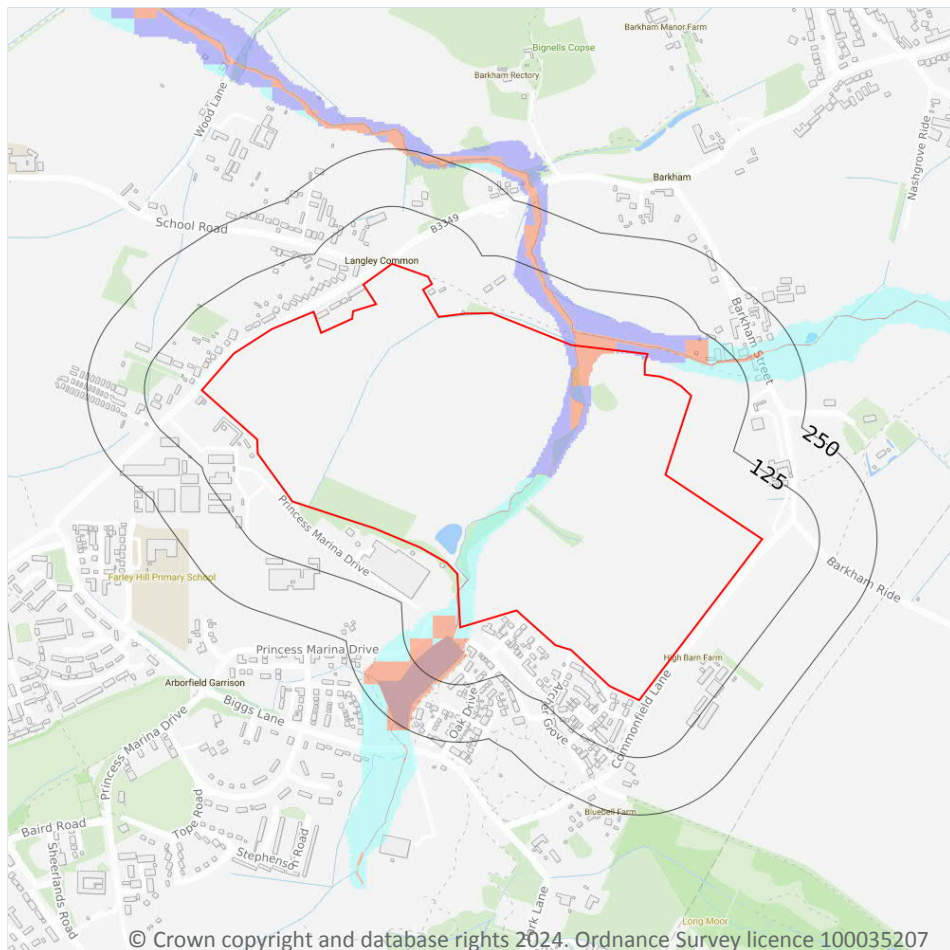
Features are displayed on the Hydrology map on [page 58 >](#)



ID	Location	Name	Water body ID	Overall rating	Chemical rating	Quantitative	Year
8	On site	Farnborough Bagshot Beds	GB40602G601300 ↗	Good	Good	Good	2019

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

7 River and coastal flooding



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

7.1 Risk of flooding from rivers and the sea

Records within 50m

15

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

Features are displayed on the River and coastal flooding map on [page 66](#) >



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

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

7.2 Historical Flood Events

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

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

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

7.3 Flood Defences

Records within 250m	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 66 >](#)

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.

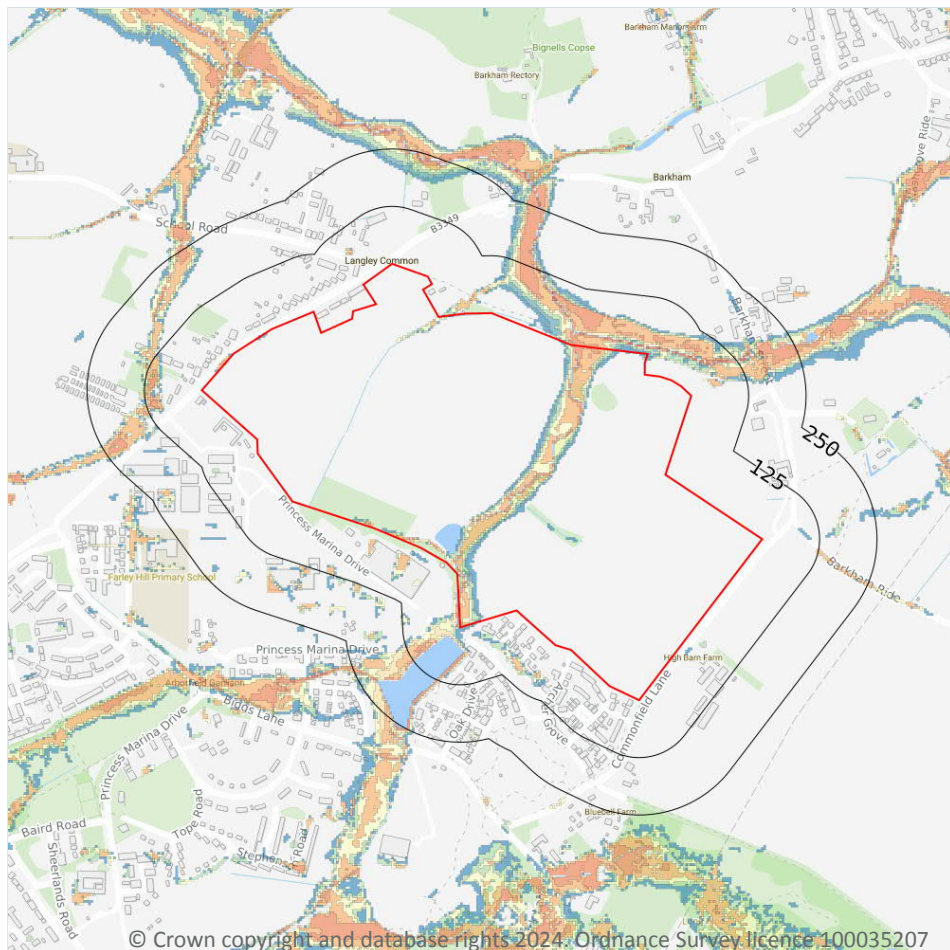
Features are displayed on the River and coastal flooding map on [page 66](#) >

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 30 year, Greater than 1.0m

Highest risk within 50m

1 in 30 year, Greater than 1.0m

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

Features are displayed on the Surface water flooding map on [page 70 >](#)

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

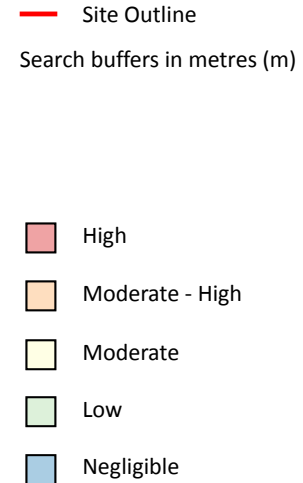
The table below shows the maximum flood depths for a range of return periods for the site.

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

This data is sourced from Ambiantal Risk Analytics.



9 Groundwater flooding



9.1 Groundwater flooding

Highest risk on site

Moderate

Highest risk within 50m

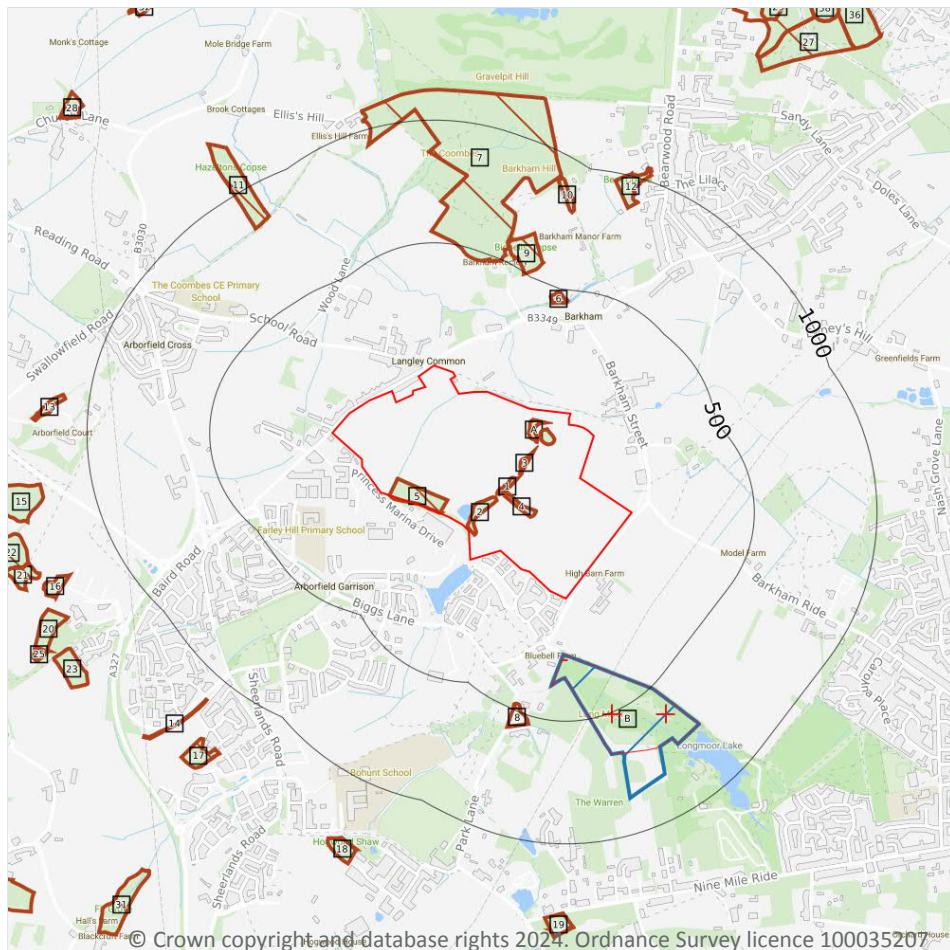
Moderate

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 72 >](#)

This data is sourced from Ambiantal Risk Analytics.

10 Environmental designations



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

10.1 Sites of Special Scientific Interest (SSSI)

Records within 2000m

1

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

Features are displayed on the Environmental designations map on [page 73](#) >

ID	Location	Name	Data source
B	228m S	Longmoor Bog	Natural England



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

10.2 Conserved wetland sites (Ramsar sites)

Records within 2000m

0

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

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

10.3 Special Areas of Conservation (SAC)

Records within 2000m

0

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

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

10.4 Special Protection Areas (SPA)

Records within 2000m

0

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

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

10.5 National Nature Reserves (NNR)

Records within 2000m

0

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

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



10.6 Local Nature Reserves (LNR)

Records within 2000m

1

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

Features are displayed on the Environmental designations map on [page 73 >](#)

ID	Location	Name	Data source
B	227m S	Longmoor Bog	Natural England

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

10.7 Designated Ancient Woodland

Records within 2000m

46

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 73 >](#)

ID	Location	Name	Woodland Type
1	On site	Kidgem Copse (Tithe:kitchem Coppice)(tithe:kitchen Coppice)(osd=kidghans (?) Coppice)	Ancient & Semi-Natural Woodland
2	On site	Kidgem Copse (Tithe:kitchem Coppice)(tithe:kitchen Coppice)(osd=kidghans (?) Coppice)	Ancient & Semi-Natural Woodland
3	On site	Kidgem Copse (Tithe:kitchem Coppice)(tithe:kitchen Coppice)(osd=kidghans (?) Coppice)	Ancient & Semi-Natural Woodland
4	On site	Kidgem Copse (Tithe:kitchem Coppice)(tithe:kitchen Coppice)(osd=kidghans (?) Coppice)	Ancient & Semi-Natural Woodland
5	On site	Kidgem Copse (Tithe:kitchem Coppice)(tithe:kitchen Coppice)(osd=kidghans (?) Coppice)	Ancient & Semi-Natural Woodland
A	On site	Kidgem Copse (Tithe:kitchem Coppice)(tithe:kitchen Coppice)(osd=kidghans (?) Coppice)	Ancient & Semi-Natural Woodland
A	On site	Kidgem Copse (Tithe:kitchem Coppice)(tithe:kitchen Coppice)(osd=kidghans (?) Coppice)	Ancient & Semi-Natural Woodland
6	435m N	(Tithe:little Coppice)	Ancient & Semi-Natural Woodland



ID	Location	Name	Woodland Type
7	464m N	The Coombes	Ancient & Semi-Natural Woodland
8	472m S	(Tithe=411=the Clumps; Osd=long Moor)	Ancient & Semi-Natural Woodland
9	493m N	Bignell's Copse(tithe:bignolds Coppice)	Ancient & Semi-Natural Woodland
10	808m N	The Coombes	Ancient & Semi-Natural Woodland
11	840m NW	(Epo2: Hazeltons Copse; Tithe:hazletons Copse)	Ancient & Semi-Natural Woodland
12	871m NE	Bears Copse(tithe:bears Coppice)	Ancient & Semi-Natural Woodland
13	1097m W	Unknown	Ancient & Semi-Natural Woodland
14	1104m SW	Whitehall Copse (Tithe Map: White Hall Coppice)(tithe:white Hall Coppice)	Ancient & Semi-Natural Woodland
15	1207m W	(Epo2:spring Copse. Tithe Map: Spring Coppice)(tithe:spring Coppice)	Ancient & Semi-Natural Woodland
16	1217m W	Long Copse (Tithe Map: The Long Coppice)(tithe:long Coppice Hurdle Coppice)	Ancient & Semi-Natural Woodland
17	1238m SW	Whitehall Copse (Tithe Map: White Hall Coppice)(tithe:white Hall Coppice)	Ancient & Semi-Natural Woodland
18	1249m S	Hogwood Shaw(tithe: Hogwood Shaw)	Ancient & Semi-Natural Woodland
19	1283m S	Unknown	Ancient & Semi-Natural Woodland
20	1314m W	(Tithe Map: Hurdle Coppice)(tithe:long Coppice Hurdle Coppice)	Ancient & Semi-Natural Woodland
21	1323m W	Long Copse (Tithe Map: The Long Coppice)(tithe:long Coppice Hurdle Coppice)	Ancient & Semi-Natural Woodland
22	1334m W	Long Copse (Tithe Map: The Long Coppice)(tithe:long Coppice Hurdle Coppice)	Ancient & Semi-Natural Woodland
23	1383m SW	Robinhood Copse (Tithe Map: Robin Hood's Coppice)(tithe:robin Wood Coppice)	Ancient & Semi-Natural Woodland
-	1461m W	(Tithe Map: Coppice)	Ancient & Semi-Natural Woodland



ID	Location	Name	Woodland Type
25	1467m W	Unknown	Ancient & Semi-Natural Woodland
-	1505m S	(Tithe: Sandpit Copse)	Ancient & Semi-Natural Woodland
27	1601m NE	Unknown	Ancient & Semi-Natural Woodland
28	1635m NW	(Tithe Map: Brick Kiln Coppice)(tithe:brickkiln Coppice)	Ancient & Semi-Natural Woodland
29	1641m NE	Unknown	Ancient & Semi-Natural Woodland
-	1789m S	(Tithe: Garden Shaw)	Ancient & Semi-Natural Woodland
31	1811m SW	(Epoch2:fir Grove)(tithe: Yew Tree Copse)	Ancient & Semi-Natural Woodland
32	1827m NW	(Tithe:dog Kennel Copse)	Ancient & Semi-Natural Woodland
-	1846m S	(Tithe: Redgates Shaw)	Ancient & Semi-Natural Woodland
-	1872m W	Castle Copse (Tithe Map: Castle Coppice)	Ancient & Semi-Natural Woodland
-	1879m W	Bottom Copse (Tithe Map: Bottoms Coppice)(tithe:bottom Coppice)	Ancient Replanted Woodland
36	1887m NE	Unknown	Ancient & Semi-Natural Woodland
-	1895m NE	Bottle Copse(tithe: Bottle Coppice)	Ancient & Semi-Natural Woodland
38	1898m NE	Fox Hill(tithe: Fox Hill)	Ancient & Semi-Natural Woodland
-	1902m W	Castle Copse (Tithe Map: Castle Coppice)	Ancient & Semi-Natural Woodland
-	1905m NE	Bottle Copse(tithe: Bottle Coppice)	Ancient & Semi-Natural Woodland
-	1918m W	Pound Copse (Tithe Map: Pound Coppice Wellan's Coppice)(tithe:pond Or Willans Coppice)	Ancient & Semi-Natural Woodland
-	1962m W	Castle Copse (Tithe Map: Castle Coppice)	Ancient & Semi-Natural Woodland
-	1984m W	Castle Copse (Tithe Map: Castle Coppice)	Ancient & Semi-Natural Woodland



ID	Location	Name	Woodland Type
-	1994m NE	Round Hill(tithe: 363=limma Hill Plantation)	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

4

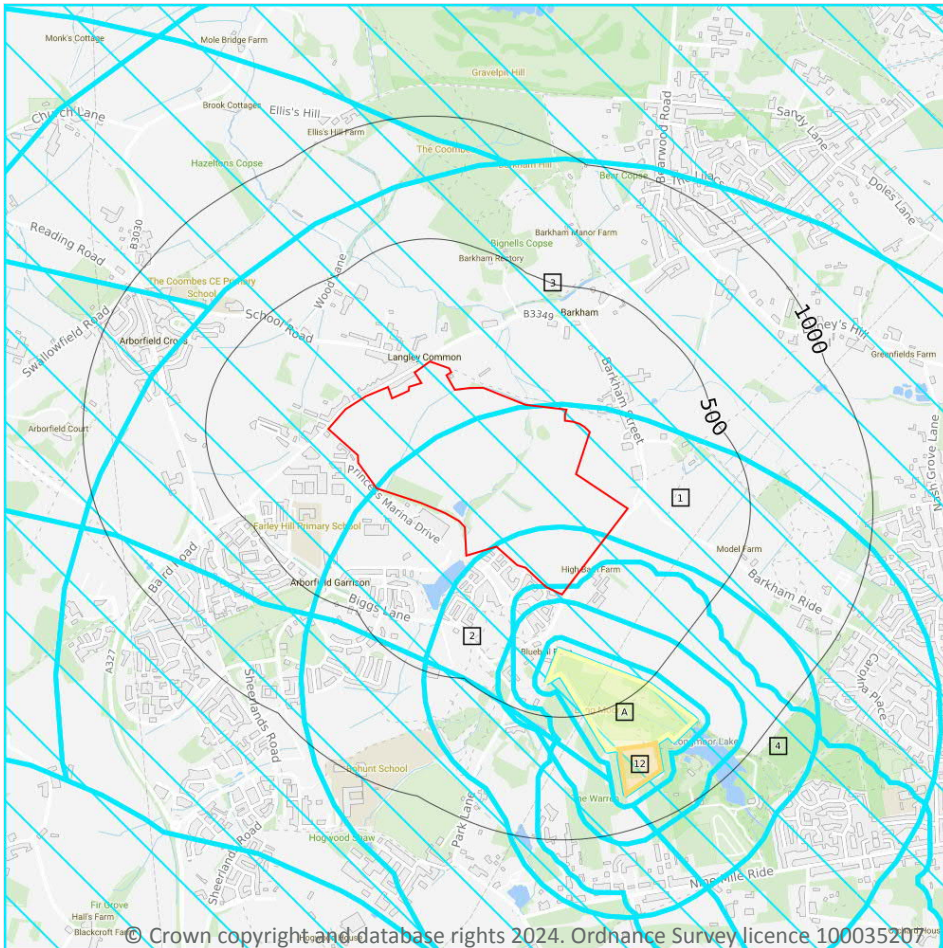
Areas at risk from agricultural nitrate pollution designated under the EC Nitrate Directive (91/676/EEC). These are areas of land that drain into waters polluted by nitrates. Farmers operating within these areas have to follow mandatory rules to tackle nitrate loss from agriculture.

Location	Name	Type	NVZ ID	Status
On site	Barkham Brook NVZ	Surface Water	449	Existing
On site	Barkham Brook NVZ	Surface Water	449	Existing
1415m NE	Emm Brook NVZ	Surface Water	460	Existing
1909m E	Emm Brook NVZ	Surface Water	460	Existing

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



SSSI Impact Zones and Units



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

10.17 SSSI Impact Risk Zones

Records on site

4

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 81](#) >

ID	Location	Type of developments requiring consultation
1	On site	Infrastructure - Pipelines and underground cables, pylons and overhead cables. Any transport proposal including road, rail and by water (excluding routine maintenance). Airports, helipads and other aviation proposals. Minerals, Oil and Gas - Planning applications for quarries, including: new proposals, Review of Minerals Permissions (ROMP), extensions, variations to conditions etc. Oil & gas exploration/extraction. Residential - Residential development of 100 units or more. Rural residential - Any residential development of 50 or more houses outside existing settlements/urban areas. Air pollution - Any industrial/agricultural development that could cause AIR POLLUTION (incl: industrial processes, livestock & poultry units with floorspace > 500m², slurry lagoons & digestate stores > 200m², manure stores > 250t). Combustion - General combustion processes >20MW energy input. Incl: energy from waste incineration, other incineration, landfill gas generation plant, pyrolysis/gasification, anaerobic digestion, sewage treatment works, other incineration/ combustion. Waste - Landfill. Incl: inert landfill, non-hazardous landfill, hazardous landfill. Composting - Any composting proposal with more than 500 tonnes maximum annual operational throughput. Incl: open windrow composting, in-vessel composting, anaerobic digestion, other waste management. Water supply - Large infrastructure such as warehousing / industry where net additional gross internal floorspace is > 1,000m² or any development needing its own water supply . Notes: Strategic solutions for recreational impacts are in place. Please contact your Local Planning Authority as they have the information to advise on specific requirements.
2	On site	Infrastructure - Pipelines and underground cables, pylons and overhead cables. Any transport proposal including road, rail and by water (excluding routine maintenance). Airports, helipads and other aviation proposals. Minerals, Oil and Gas - Planning applications for quarries, including: new proposals, Review of Minerals Permissions (ROMP), extensions, variations to conditions etc. Oil & gas exploration/extraction. Residential - Residential development of 100 units or more. Rural residential - Any residential development of 50 or more houses outside existing settlements/urban areas. Air pollution - Any development that could cause AIR POLLUTION (incl: industrial/commercial processes, livestock & poultry units, slurry lagoons & digestate stores, manure stores). Combustion - All general combustion processes. Incl: energy from waste incineration, other incineration, landfill gas generation plant, pyrolysis/gasification, anaerobic digestion, sewage treatment works, other incineration/ combustion. Waste - Mechanical and biological waste treatment, inert landfill, non-hazardous landfill, hazardous landfill, household civic amenity recycling facilities construction, demolition and excavation waste, other waste management. Composting - Any composting proposal. Incl: open windrow composting, in-vessel composting, anaerobic digestion, other waste management. Water supply - Large infrastructure such as warehousing / industry where net additional gross internal floorspace is > 1,000m² or any development needing its own water supply . Notes: Strategic solutions for recreational impacts are in place. Please contact your Local Planning Authority as they have the information to advise on specific requirements.

ID	Location	Type of developments requiring consultation
3	On site	Infrastructure - Pipelines and underground cables, pylons and overhead cables. Any transport proposal including road, rail and by water (excluding routine maintenance). Airports, helipads and other aviation proposals. Minerals, Oil and Gas - Planning applications for quarries, including: new proposals, Review of Minerals Permissions (ROMP), extensions, variations to conditions etc. Oil & gas exploration/extraction. Air pollution - Any industrial/agricultural development that could cause AIR POLLUTION (incl: industrial processes, livestock & poultry units with floorspace > 500m², slurry lagoons & digestate stores > 200m², manure stores > 250t). Combustion - General combustion processes >20MW energy input. Incl: energy from waste incineration, other incineration, landfill gas generation plant, pyrolysis/gasification, anaerobic digestion, sewage treatment works, other incineration/ combustion. Waste - Landfill. Incl: inert landfill, non-hazardous landfill, hazardous landfill. Composting - Any composting proposal with more than 75000 tonnes maximum annual operational throughput. Incl: open windrow composting, in-vessel composting, anaerobic digestion, other waste management. Water supply - Large infrastructure such as warehousing / industry where total net additional gross internal floorspace following development is 1,000m² or more. Notes: Strategic solutions for recreational impacts are in place. Please contact your Local Planning Authority as they have the information to advise on specific requirements.
4	On site	Infrastructure - Pipelines and underground cables, pylons and overhead cables. Any transport proposal including road, rail and by water (excluding routine maintenance). Airports, helipads and other aviation proposals. Minerals, Oil and Gas - Planning applications for quarries, including: new proposals, Review of Minerals Permissions (ROMP), extensions, variations to conditions etc. Oil & gas exploration/extraction. Rural non-residential - Large non residential developments outside existing settlements/urban areas where net additional gross internal floorspace is > 1,000m² or footprint exceeds 0.2ha. Residential - Residential development of 100 units or more. Rural residential - Any residential development of 50 or more houses outside existing settlements/urban areas. Air pollution - Any development that could cause AIR POLLUTION (incl: industrial/commercial processes, livestock & poultry units, slurry lagoons & digestate stores, manure stores). Combustion - All general combustion processes. Incl: energy from waste incineration, other incineration, landfill gas generation plant, pyrolysis/gasification, anaerobic digestion, sewage treatment works, other incineration/ combustion. Waste - Mechanical and biological waste treatment, inert landfill, non-hazardous landfill, hazardous landfill, household civic amenity recycling facilities construction, demolition and excavation waste, other waste management. Composting - Any composting proposal. Incl: open windrow composting, in-vessel composting, anaerobic digestion, other waste management. Discharges - Any discharge of water or liquid waste that is discharged to ground (ie to seep away) or to surface water, such as a beck or stream. Water supply - Large infrastructure such as warehousing / industry where net additional gross internal floorspace is > 1,000m² or any development needing its own water supply . Notes: Strategic solutions for recreational impacts are in place. Please contact your Local Planning Authority as they have the information to advise on specific requirements.

This data is sourced from Natural England.



10.18 SSSI Units

Records within 2000m

2

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

Features are displayed on the SSSI Impact Zones and Units map on [page 81](#) >

ID: A
 Location: 228m S
 SSSI name: Longmoor Bog
 Unit name: Wdc
 Broad habitat: Fen, Marsh And Swamp - Lowland
 Condition: Unfavourable - Recovering
 Reportable features:

Feature name	Feature condition	Date of assessment
Lowland fens, including basin, flood-plain, open water transition and valley fens	Unfavourable - Recovering	22/07/2013
Lowland wet heath	Unfavourable - Recovering	22/07/2013
Wet woodland	Favourable	22/07/2013

ID: 12
 Location: 671m SE
 SSSI name: Longmoor Bog
 Unit name: California
 Broad habitat: Fen, Marsh And Swamp - Lowland
 Condition: Unfavourable - No change
 Reportable features:

Feature name	Feature condition	Date of assessment
Lowland wet heath	Unfavourable - No change	22/07/2013

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



11 Visual and cultural designations



- Site Outline
- Search buffers in metres (m)
- Listed buildings
- Conservation areas
- Conservation areas - no data
- National Parks
- Areas of Outstanding Natural Beauty
- Registered parks and gardens
- Scheduled Monuments
- World Heritage Sites

11.1 World Heritage Sites

Records within 250m

0

Sites designated for their globally important cultural or natural interest requiring appropriate management and protection measures. World Heritage Sites are designated to meet the UK's commitments under the World Heritage Convention.

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

11.2 Area of Outstanding Natural Beauty

Records within 250m

0

Areas of Outstanding Natural Beauty (AONB) are conservation areas, chosen because they represent 18% of the finest countryside. Each AONB has been designated for special attention because of the quality of their flora, fauna, historical and cultural associations, and/or scenic views. The National Parks and Access to the Countryside Act of 1949 created AONBs and the Countryside and Rights of Way Act, 2000 added further regulation and protection. There are likely to be restrictions to some developments within these areas.

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

11.3 National Parks

Records within 250m

0

In England and Wales, the purpose of National Parks is to conserve and enhance landscapes within the countryside whilst promoting public enjoyment of them and having regard for the social and economic well-being of those living within them. In Scotland National Parks have the additional purpose of promoting the sustainable use of the natural resources of the area and the sustainable social and economic development of its communities. The National Parks and Access to the Countryside Act 1949 established the National Park designation in England and Wales, and The National Parks (Scotland) Act 2000 in Scotland.

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

11.4 Listed Buildings

Records within 250m

1

Buildings listed for their special architectural or historical interest. Building control in the form of 'listed building consent' is required in order to make any changes to that building which might affect its special interest. Listed buildings are graded to indicate their relative importance, however building controls apply to all buildings equally, irrespective of their grade, and apply to the interior and exterior of the building in its entirety, together with any curtilage structures.

Features are displayed on the Visual and cultural designations map on [page 85 >](#)

ID	Location	Name	Grade	Reference Number	Listed date
1	126m E	Barkham Square	II	1118115	26/01/1967

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



11.5 Conservation Areas

Records within 250m

0

Local planning authorities are obliged to designate as conservation areas any parts of their own area that are of special architectural or historic interest, the character and appearance of which it is desirable to preserve or enhance. Designation of a conservation area gives broader protection than the listing of individual buildings. All the features within the area, listed or otherwise, are recognised as part of its character. Conservation area designation is the means of recognising the importance of all factors and of ensuring that planning decisions address the quality of the landscape in its broadest sense.

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

11.6 Scheduled Ancient Monuments

Records within 250m

0

A scheduled monument is an historic building or site that is included in the Schedule of Monuments kept by the Secretary of State for Digital, Culture, Media and Sport. The regime is set out in the Ancient Monuments and Archaeological Areas Act 1979. The Schedule of Monuments has c.20,000 entries and includes sites such as Roman remains, burial mounds, castles, bridges, earthworks, the remains of deserted villages and industrial sites. Monuments are not graded, but all are, by definition, considered to be of national importance.

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

11.7 Registered Parks and Gardens

Records within 250m

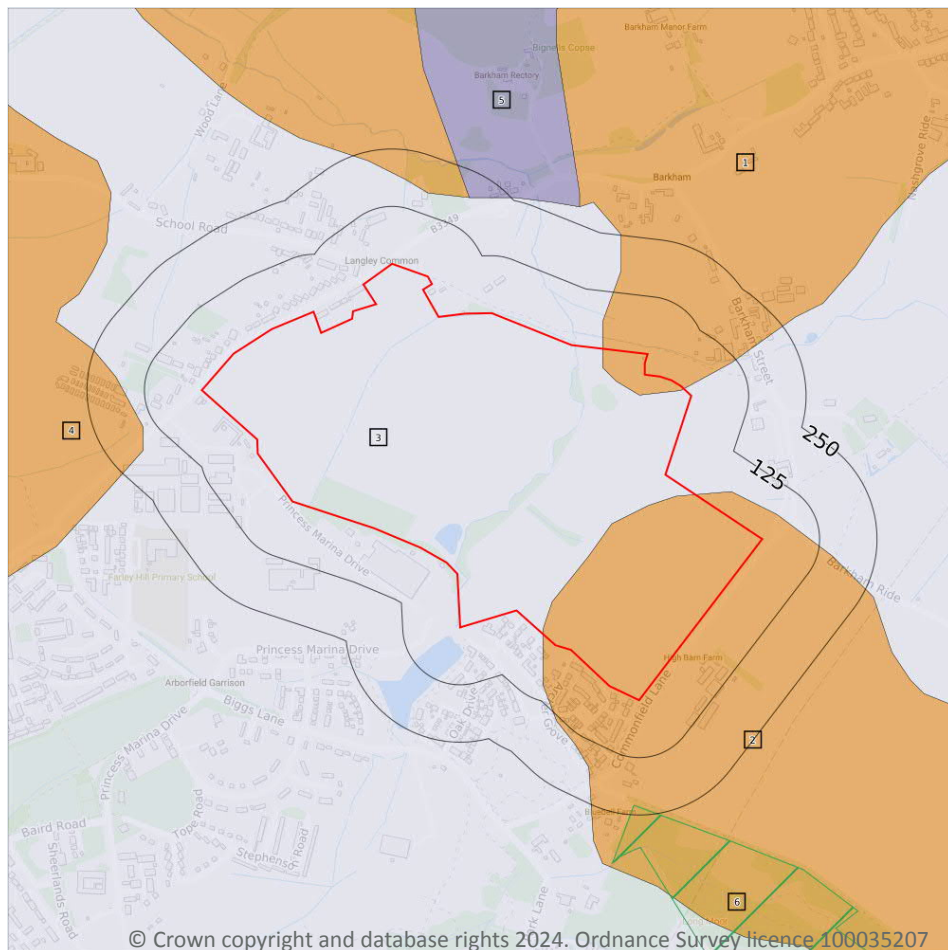
0

Parks and gardens assessed to be of particular interest and of special historic interest. The emphasis being on 'designed' landscapes, rather than on planting or botanical importance. Registration is a 'material consideration' in the planning process, meaning that planning authorities must consider the impact of any proposed development on the special character of the landscape.

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



12 Agricultural designations



- Site Outline
- Search buffers in metres (m)
- Grade 1 - excellent quality
- Grade 2 - very good quality
- Grade 3 - good to moderate quality
- Grade 3a - good quality
- Grade 3b - moderate quality
- Grade 4 - poor quality
- Grade 5 - very poor quality
- Non-agricultural land
- Urban land
- Exclusion land
- Tree felling licences
- Open Access land

12.1 Agricultural Land Classification

Records within 250m

5

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 88](#) >

ID	Location	Classification	Description
1	On site	Grade 3	Good to moderate quality agricultural land. Land with moderate limitations which affect the choice of crops, timing and type of cultivation, harvesting or the level of yield. Where more demanding crops are grown yields are generally lower or more variable than on land in Grades 1 and 2.



ID	Location	Classification	Description
2	On site	Grade 3	Good to moderate quality agricultural land. Land with moderate limitations which affect the choice of crops, timing and type of cultivation, harvesting or the level of yield. Where more demanding crops are grown yields are generally lower or more variable than on land in Grades 1 and 2.
3	On site	Grade 4	Poor quality agricultural land. Land with severe limitations which significantly restrict the range of crops and/or level of yields. It is mainly suited to grass with occasional arable crops (e.g. cereals and forage crops) the yields of which are variable. In moist climates, yields of grass may be moderate to high but there may be difficulties in utilisation. The grade also includes very droughty arable land.
4	151m W	Grade 3	Good to moderate quality agricultural land. Land with moderate limitations which affect the choice of crops, timing and type of cultivation, harvesting or the level of yield. Where more demanding crops are grown yields are generally lower or more variable than on land in Grades 1 and 2.
5	194m N	Non Agricultural	-

This data is sourced from Natural England.

12.2 Open Access Land

Records within 250m

0

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

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

12.3 Tree Felling Licences

Records within 250m

1

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

Features are displayed on the Agricultural designations map on [page 88](#) >

ID	Location	Description	Reference	Application date
6	229m S	Selective Fell/Thin (Unconditional)	019/426/99-00	28/06/2000

This data is sourced from the Forestry Commission.



12.4 Environmental Stewardship Schemes

Records within 250m**4**

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.

Location	Reference	Scheme	Start Date	End date
On site	AG00514111	Organic Entry Level Stewardship	01/10/2013	30/09/2018
On site	AG00514111	Organic Entry Level Stewardship	01/10/2013	30/09/2018
83m E	AG00514111	Organic Entry Level Stewardship	01/10/2013	30/09/2018
227m S	AG00373849	Higher Level Stewardship	01/06/2011	31/05/2023

This data is sourced from Natural England.

12.5 Countryside Stewardship Schemes

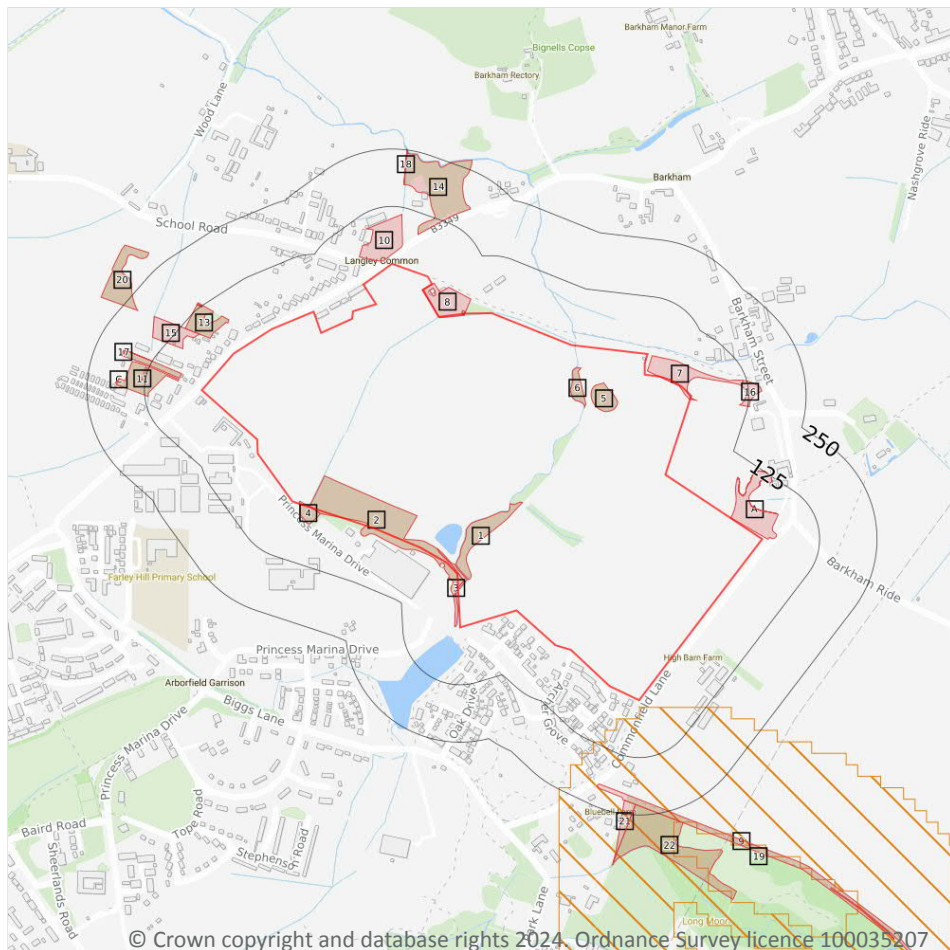
Records within 250m**0**

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

This data is sourced from Natural England.



13 Habitat designations



- Site Outline
- Search buffers in metres (m)
- Priority Habitat Inventory
- Open Mosaic Habitat
- Limestone Pavement Orders
- Habitat Networks
- Primary Habitat
- Restorable Habitat
- Associated Habitats
- Habitat Restoration-Creation
- Network Enhancement Zone 1
- Network Enhancement Zone 2

13.1 Priority Habitat Inventory

Records within 250m

42

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

Features are displayed on the Habitat designations map on [page 91](#) >

ID	Location	Main Habitat	Other habitats
1	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
2	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
3	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
4	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)



ID	Location	Main Habitat	Other habitats
5	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
6	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
7	On site	No main habitat but additional habitats present	Additional: TORCH (INV 50%)
8	On site	No main habitat but additional habitats present	Additional: TORCH (INV 50%)
A	1m E	Traditional orchard	Overruled by Traditional Orchards HAP Inventory dataset
10	16m NW	Traditional orchard	Overruled by Traditional Orchards HAP Inventory dataset
A	47m E	Traditional orchard	Main habitat: TORCH (INV > 50%)
A	47m E	Traditional orchard	Overruled by Traditional Orchards HAP Inventory dataset
A	51m E	Traditional orchard	Overruled by Traditional Orchards HAP Inventory dataset
B	55m E	Traditional orchard	Overruled by Traditional Orchards HAP Inventory dataset
B	55m E	Traditional orchard	Overruled by Traditional Orchards HAP Inventory dataset
11	55m W	Traditional orchard	Overruled by Traditional Orchards HAP Inventory dataset
12	55m W	Traditional orchard	Overruled by Traditional Orchards HAP Inventory dataset
B	58m E	Traditional orchard	Main habitat: TORCH (INV > 50%)
B	59m E	Traditional orchard	Overruled by Traditional Orchards HAP Inventory dataset
B	59m E	Traditional orchard	Main habitat: TORCH (INV > 50%)
13	61m NW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
B	74m E	Traditional orchard	Main habitat: TORCH (INV > 50%)
14	79m N	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
B	80m E	Traditional orchard	Overruled by Traditional Orchards HAP Inventory dataset
B	82m E	Traditional orchard	Overruled by Traditional Orchards HAP Inventory dataset
15	84m NW	No main habitat but additional habitats present	Main habitat: DWOOD (INV > 50%)
B	91m E	Traditional orchard	Main habitat: TORCH (INV > 50%)
B	95m E	Traditional orchard	Main habitat: TORCH (INV > 50%)
B	97m E	Traditional orchard	Main habitat: TORCH (INV > 50%)
B	98m E	Traditional orchard	Overruled by Traditional Orchards HAP Inventory dataset
B	102m E	Traditional orchard	Main habitat: TORCH (INV > 50%)



ID	Location	Main Habitat	Other habitats
16	108m E	Traditional orchard	Overruled by Traditional Orchards HAP Inventory dataset
B	116m E	Traditional orchard	Main habitat: TORCH (INV > 50%)
B	119m E	Traditional orchard	Main habitat: TORCH (INV > 50%)
17	128m W	Traditional orchard	Overruled by Traditional Orchards HAP Inventory dataset
18	174m N	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
C	181m W	Traditional orchard	Main habitat: TORCH (INV > 50%)
C	184m W	Traditional orchard	Overruled by Traditional Orchards HAP Inventory dataset
19	202m S	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
20	219m NW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
21	220m S	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
22	227m S	Deciduous woodland	Main habitat: DWOOD (INV > 50%); LHEAT (ENSIS L1); Additional: LFENS (ENSIS L2)

This data is sourced from Natural England.

13.2 Habitat Networks

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

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

Features are displayed on the Habitat designations map on [page 91 >](#)

ID	Location	Type	Habitat
9	16m SE	Network Enhancement Zone 1	Not specified

This data is sourced from Natural England.

13.3 Open Mosaic Habitat

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

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

This data is sourced from Natural England.



13.4 Limestone Pavement Orders

Records within 250m

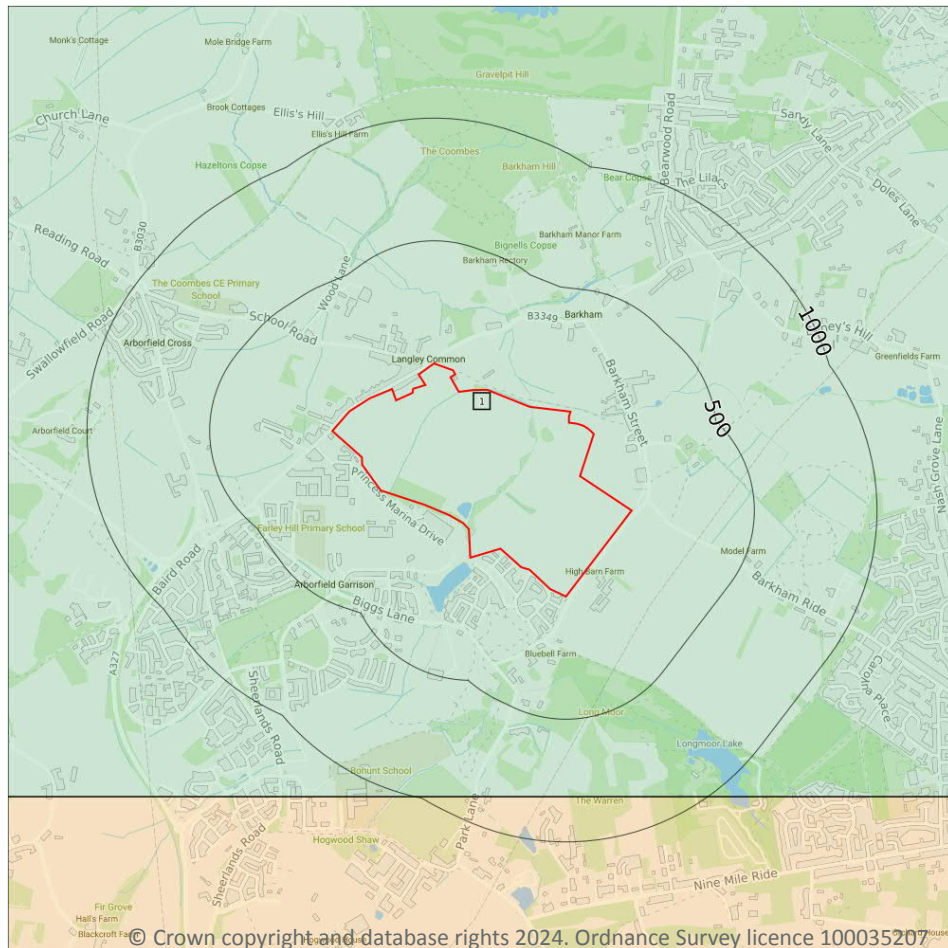
0

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

This data is sourced from Natural England.



14 Geology 1:10,000 scale - Availability



— Site Outline
Search buffers in metres (m)

- Full coverage
- Partial coverage
- No coverage

14.1 10k Availability

Records within 500m

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.

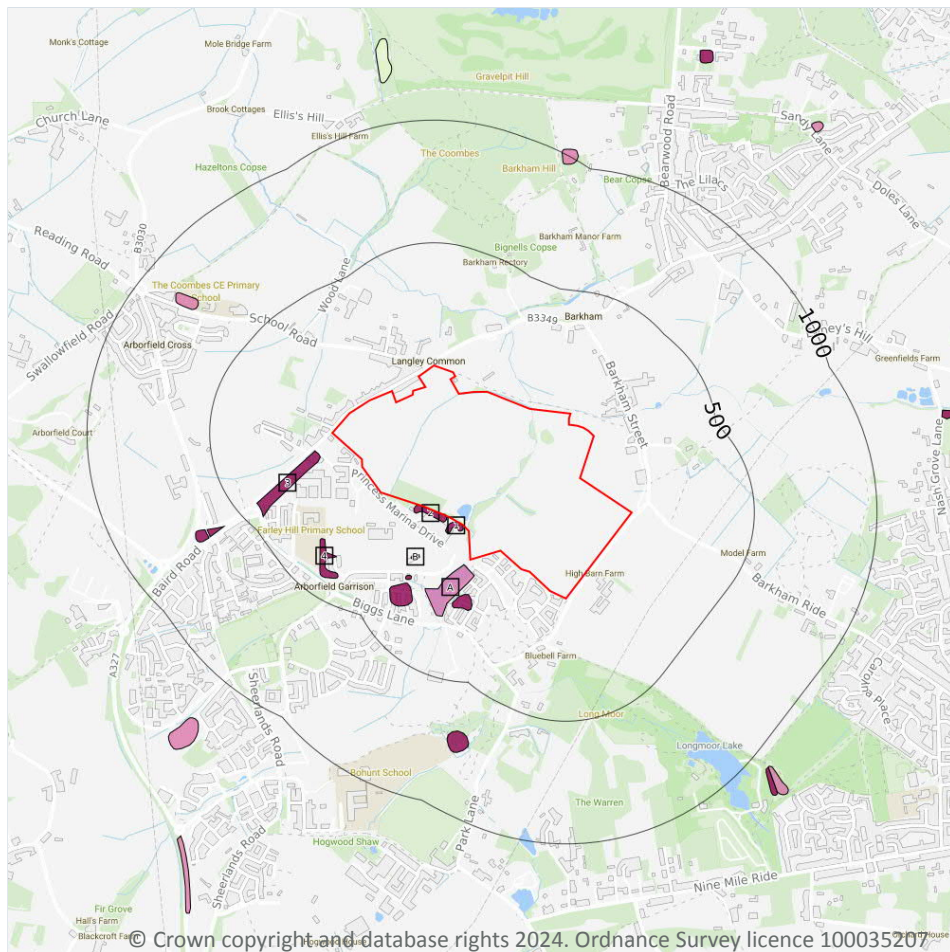
Features are displayed on the Geology 1:10,000 scale - Availability map on [page 95](#) >

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	Full	Full	Full	No coverage	SU76NE

This data is sourced from the British Geological Survey.



Geology 1:10,000 scale - Artificial and made ground



— Site Outline
Search buffers in metres (m)

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

14.2 Artificial and made ground (10k)

Records within 500m

9

Details of made, worked, infilled, disturbed and landscaped ground at 1:10,000 scale. Artificial ground can be associated with potentially contaminated material, unpredictable engineering conditions and instability.

Features are displayed on the Geology 1:10,000 scale - Artificial and made ground map on [page 96](#) >

ID	Location	LEX Code	Description	Rock description
1	On site	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
2	On site	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
A	33m S	WGR-VOID	Worked Ground (Undivided)	Void
3	101m W	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit



ID	Location	LEX Code	Description	Rock description
A	143m S	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
B	189m SW	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
B	249m SW	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
B	269m SW	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
4	298m W	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit

This data is sourced from the British Geological Survey.



14.4 Landslip (10k)

Records within 500m

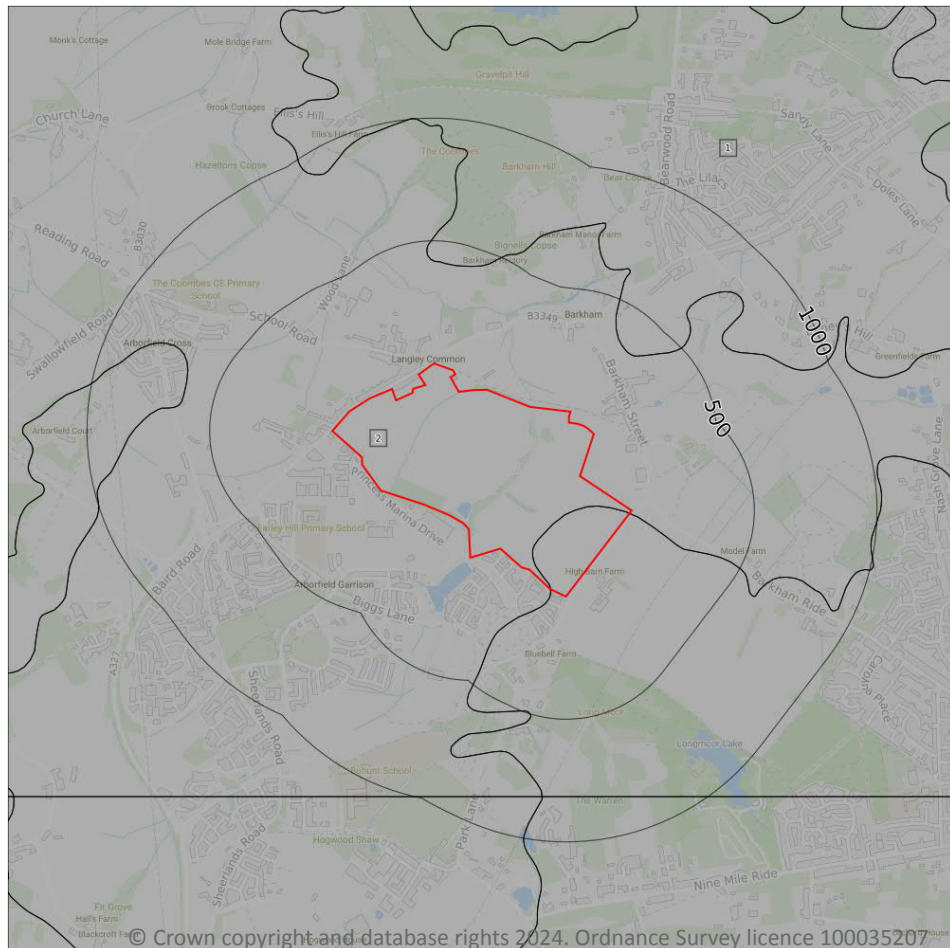
0

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 100](#) >

ID	Location	LEX Code	Description	Rock age
1	On site	BGS-SANDU	Bagshot Formation - Sand	Eocene Epoch
2	On site	LC-CLSISA	London Clay Formation - Clay, Silt And Sand	Eocene Epoch

This data is sourced from the British Geological Survey.



14.6 Bedrock faults and other linear features (10k)

Records within 500m

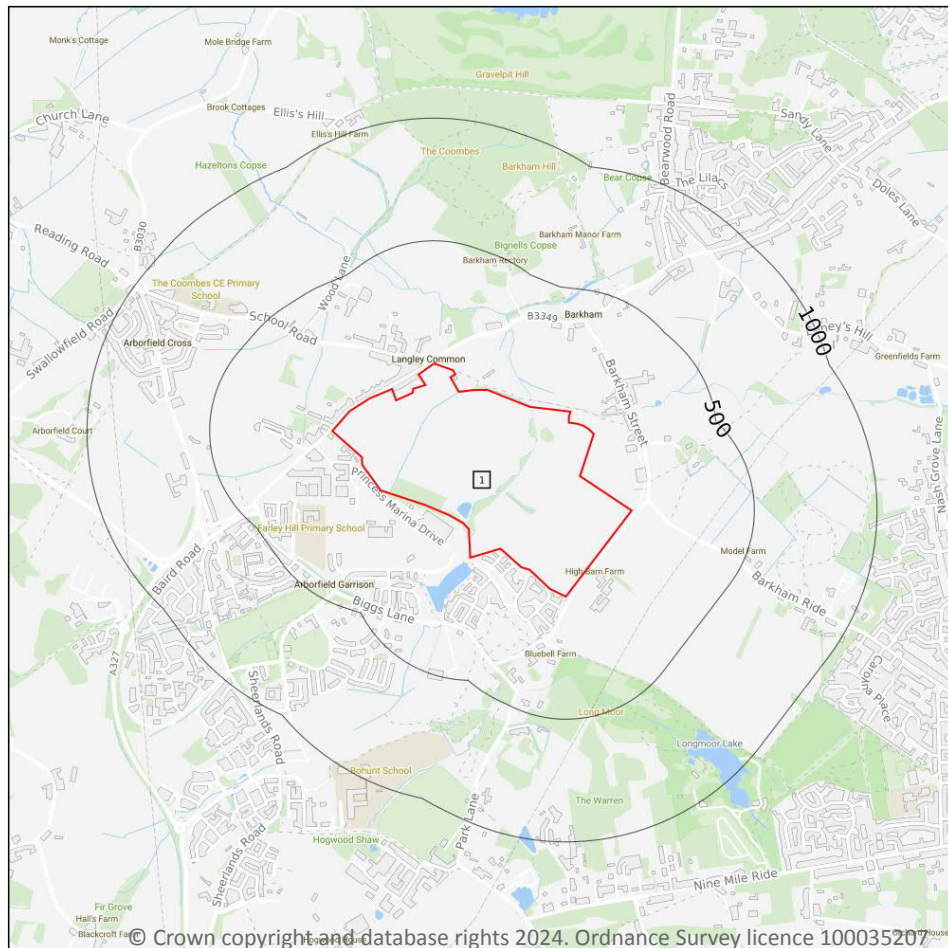
0

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

1

An indication on the coverage of 1:50,000 scale geology data for the site. Either 'Full' or 'No coverage' for each geological theme.

Features are displayed on the Geology 1:50,000 scale - Availability map on [page 102](#) >

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	Full	Full	Full	No coverage	EW268_reading_v4

This data is sourced from the British Geological Survey.



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

15.2 Artificial and made ground (50k)

Records within 500m

0

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.

This data is sourced from the British Geological Survey.

15.3 Artificial ground permeability (50k)

Records within 50m

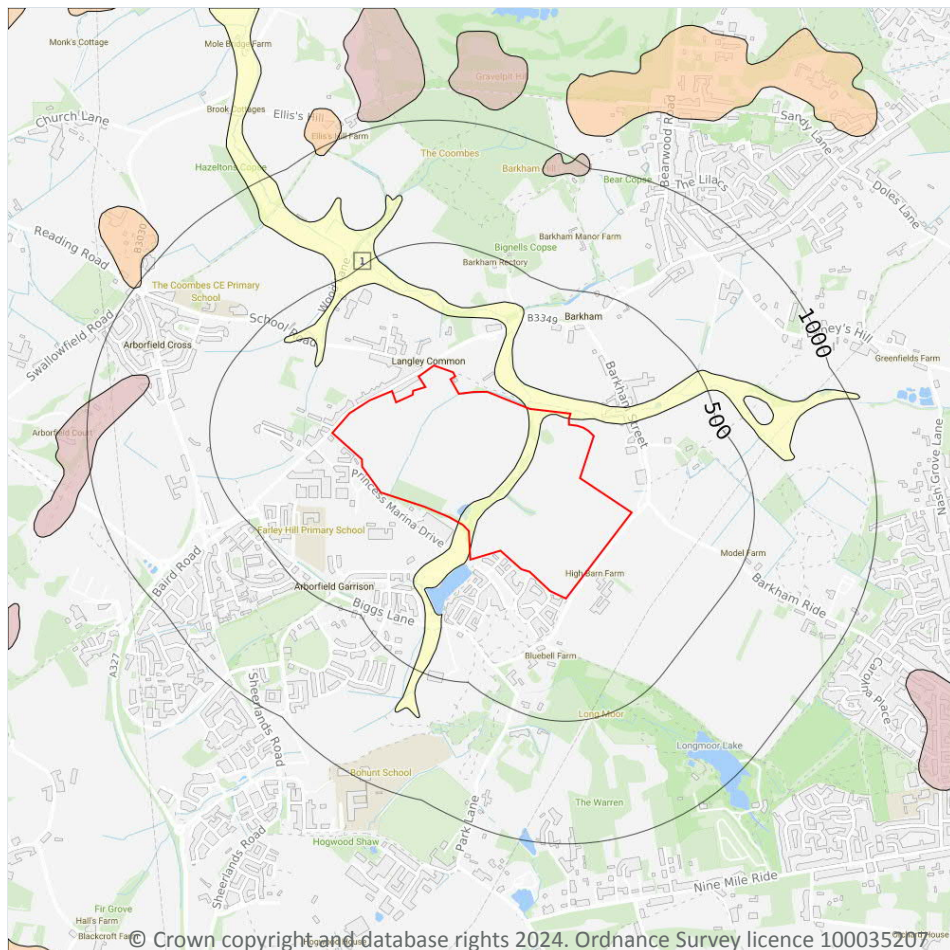
0

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

This data is sourced from the British Geological Survey.



Geology 1:50,000 scale - Superficial



Site Outline

Search buffers in metres (m)

Landslip (50k)

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

15.4 Superficial geology (50k)

Records within 500m

1

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

Features are displayed on the Geology 1:50,000 scale - Superficial map on [page 104](#) >

ID	Location	LEX Code	Description	Rock description
1	On site	ALV-XCZSV	ALLUVIUM	CLAY, SILT, SAND AND GRAVEL

This data is sourced from the British Geological Survey.



15.5 Superficial permeability (50k)

Records within 50m

1

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

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

This data is sourced from the British Geological Survey.

15.6 Landslip (50k)

Records within 500m

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)

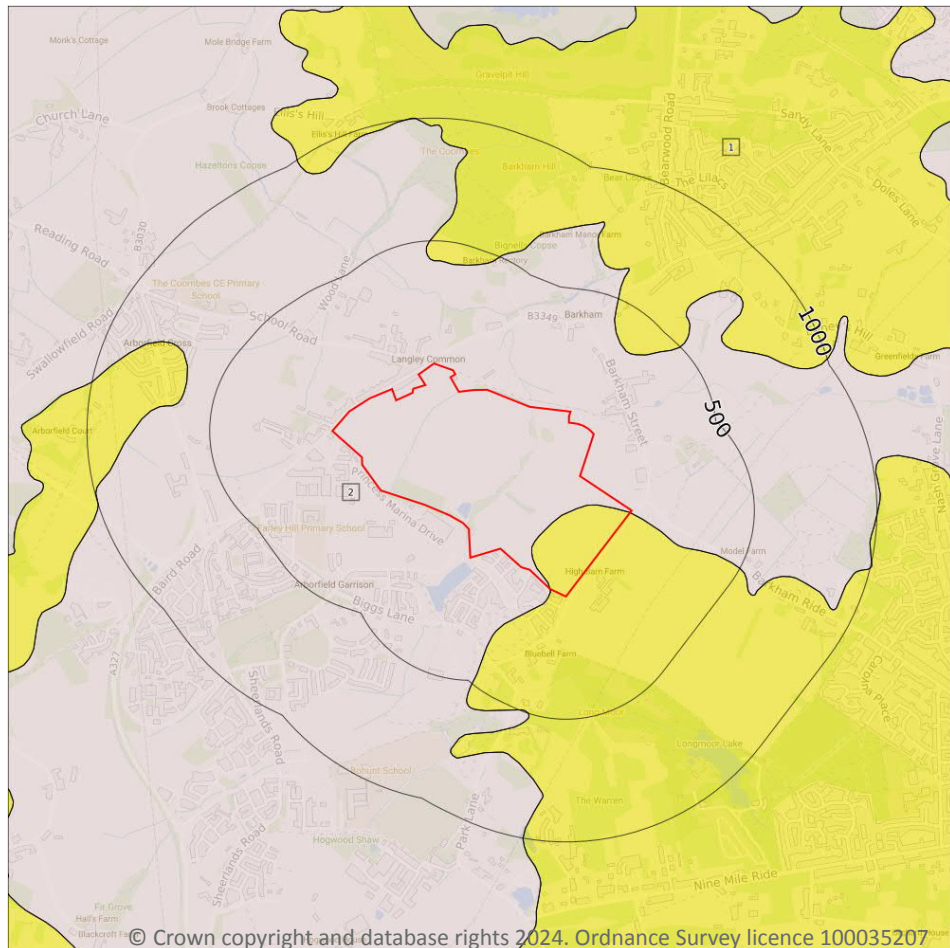
Records within 50m

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

2

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 106 >](#)

ID	Location	LEX Code	Description	Rock age
1	On site	BGS-S	BAGSHOT FORMATION - SAND	YPRESIAN
2	On site	LC-XCZS	LONDON CLAY FORMATION - CLAY, SILT AND SAND	YPRESIAN

This data is sourced from the British Geological Survey.



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

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

This data is sourced from the British Geological Survey.

15.10 Bedrock faults and other linear features (50k)

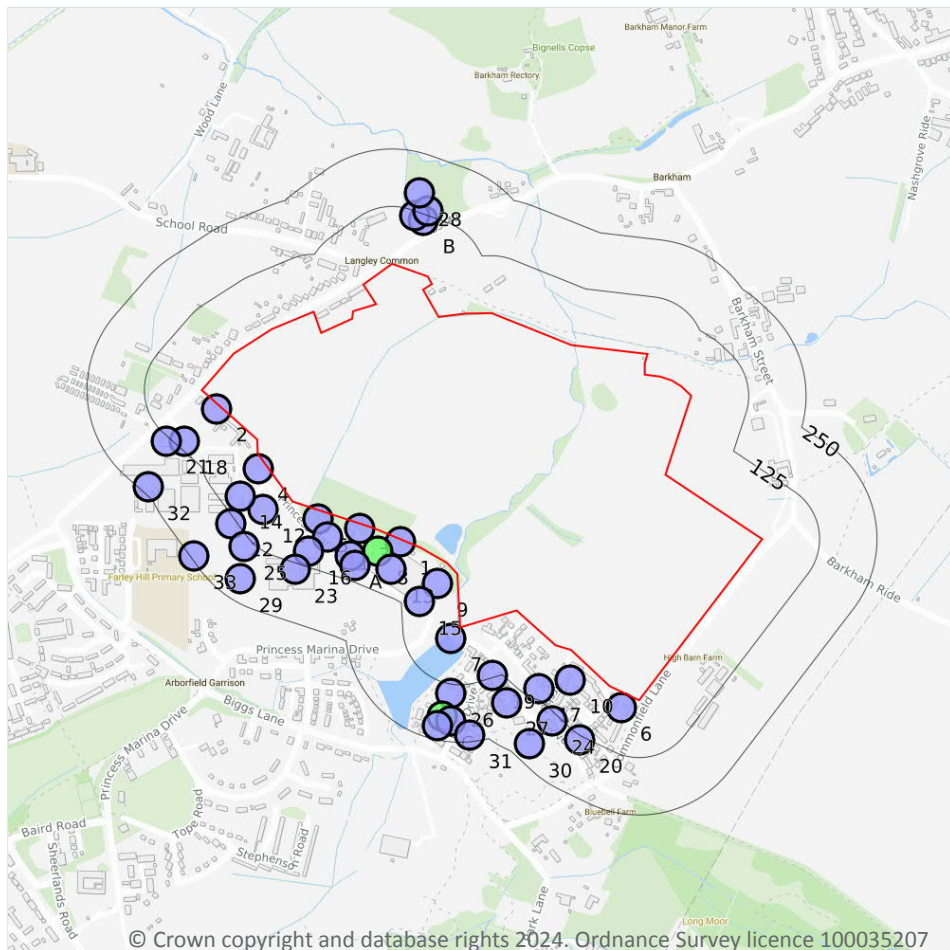
Records within 500m**0**

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

41

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 108](#) >

ID	Location	Grid reference	Name	Length	Confidential	Web link
1	5m SW	477380 166160	ARBORFIELD GARRISON 22	6.0	N	427010 ↗
2	9m W	476980 166450	ARBORFIELD GARRISON 54	3.0	N	427042 ↗
3	10m SW	477290 166190	ARBORFIELD GARRISON 21	6.0	N	427009 ↗



ID	Location	Grid reference	Name	Length	Confidential	Web link
4	18m W	477070 166320	ARBORFIELD GARRISON 55	3.0	N	427043 ↗
5	19m W	477200 166210	ARBORFIELD GARRISON 57	3.0	N	427045 ↗
6	31m SE	477860 165800	ARBORFIELD GARRISON 79	3.0	N	427067 ↗
7	31m S	477490 165950	ARBORFIELD GARRISON 70	3.0	N	427058 ↗
8	43m SW	477330 166140	ARBORFIELD GARRISON 23	15.0	N	427011 ↗
9	45m SW	477460 166070	ARBORFIELD GARRISON 66	3.0	N	427054 ↗
10	48m S	477750 165860	ARBORFIELD GARRISON 77	3.0	N	427065 ↗
11	51m W	477220 166170	ARBORFIELD GARRISON 58	3.0	N	427046 ↗
12	63m W	477080 166230	ARBORFIELD GARRISON 56	3.0	N	427044 ↗
13	69m SW	477360 166100	ARBORFIELD GARRISON 25	6.0	N	427013 ↗
A	73m SW	477270 166130	ARBORFIELD GARRISON 24	6.0	N	427012 ↗
14	86m W	477030 166260	ARBORFIELD GARRISON 29	6.0	N	427017 ↗
15	87m SW	477420 166030	ARBORFIELD GARRISON 65	3.0	N	427053 ↗
A	89m SW	477280 166110	ARBORFIELD GARRISON 61	3.0	N	427049 ↗
16	92m SW	477180 166140	ARBORFIELD GARRISON 60	3.0	N	427048 ↗
17	102m S	477680 165840	ARBORFIELD GARRISON 76	3.0	N	427064 ↗
18	107m W	476910 166380	ARBORFIELD GARRISON 27	10.0	N	427015 ↗
B	112m N	477430 166860	CALDWELL NURSERIES WOKINGHAM 5	4.0	N	427095 ↗
B	115m N	477410 166870	CALDWELL NURSERIES WOKINGHAM 3	4.0	N	427093 ↗
19	120m S	477580 165870	ARBORFIELD GARRISON 74	3.0	N	427062 ↗
20	133m S	477770 165730	ARBORFIELD GARRISON 81	3.0	N	427069 ↗
21	134m W	476870 166380	ARBORFIELD GARRISON 26	2.0	N	427014 ↗
B	134m N	477440 166880	CALDWELL NURSERIES WOKINGHAM 4	4.0	N	427094 ↗
22	137m W	477010 166200	ARBORFIELD GARRISON 31	10.0	N	427019 ↗
23	139m SW	477150 166100	ARBORFIELD GARRISON 36	6.0	N	427024 ↗
24	141m S	477710 165770	ARBORFIELD GARRISON 78	3.0	N	427066 ↗
25	143m W	477040 166150	ARBORFIELD GARRISON 59	3.0	N	427047 ↗
26	146m S	477490 165830	ARBORFIELD GARRISON 73	3.0	N	427061 ↗

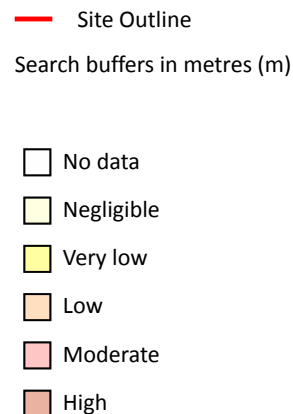
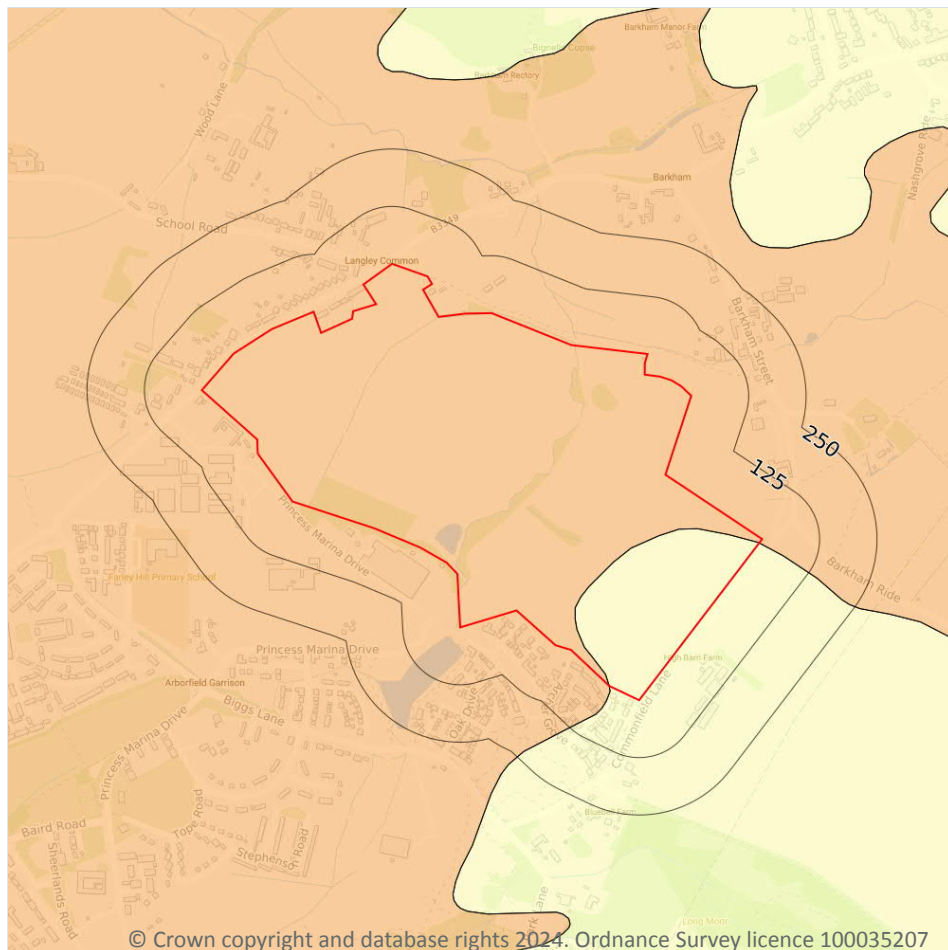


ID	Location	Grid reference	Name	Length	Confidential	Web link
27	165m S	477610 165810	ARBORFIELD GARRISON 75	3.0	N	427063 ↗
28	165m N	477420 166920	CALDWELL NURSERIES WOKINGHAM 2	4.0	N	427092 ↗
C	198m S	477470 165780	ARBORFIELD GARRISON 46	20.0	N	427034 ↗
29	204m SW	477030 166080	ARBORFIELD GARRISON 35	10.0	N	427023 ↗
C	205m S	477490 165770	ARBORFIELD GARRISON 47	10.0	N	427035 ↗
30	212m S	477660 165720	ARBORFIELD GARRISON 80	3.0	N	427068 ↗
C	220m S	477460 165760	ARBORFIELD GARRISON 45	10.0	N	427033 ↗
31	235m S	477530 165740	ARBORFIELD GARRISON 48	10.0	N	427036 ↗
32	235m W	476830 166280	ARBORFIELD GARRISON 28	9.0	N	427016 ↗
33	243m W	476930 166130	ARBORFIELD GARRISON 33	6.0	N	427021 ↗

This data is sourced from the British Geological Survey.



17 Natural ground subsidence - Shrink swell clays



17.1 Shrink swell clays

Records within 50m

2

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

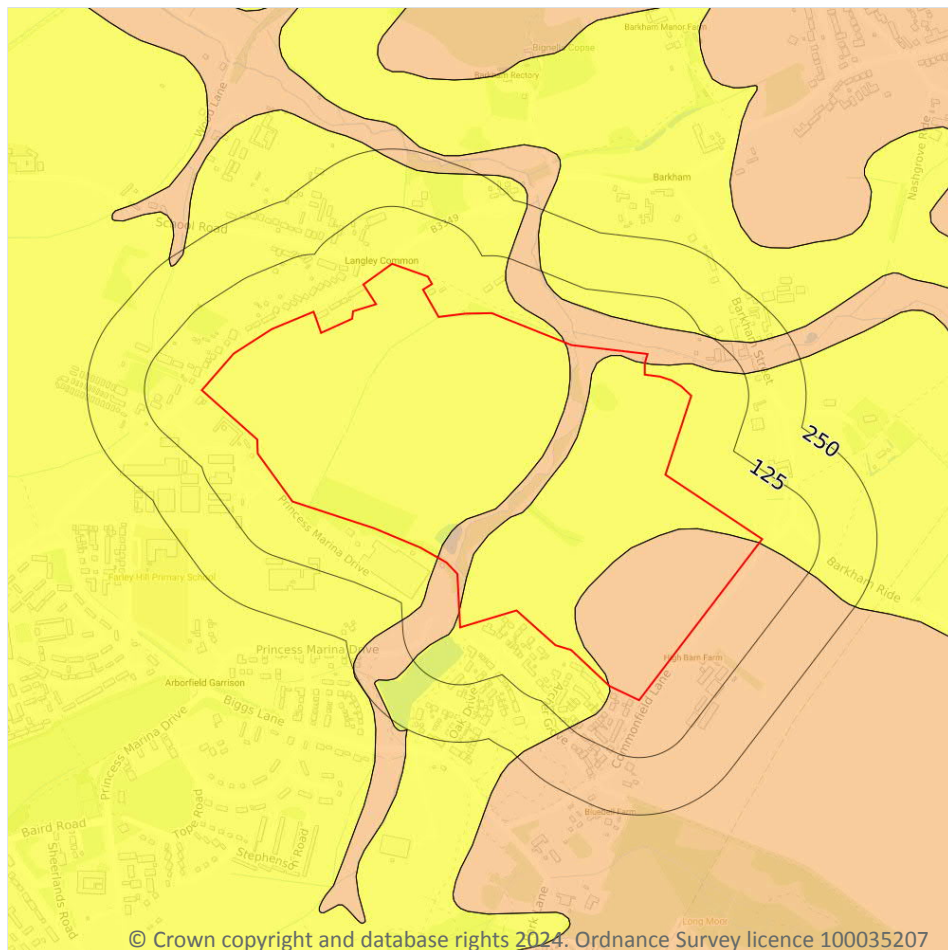
Features are displayed on the Natural ground subsidence - Shrink swell clays map on [page 111 >](#)

Location	Hazard rating	Details
On site	Negligible	Ground conditions predominantly non-plastic.
On site	Low	Ground conditions predominantly medium 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

2

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 112](#) >

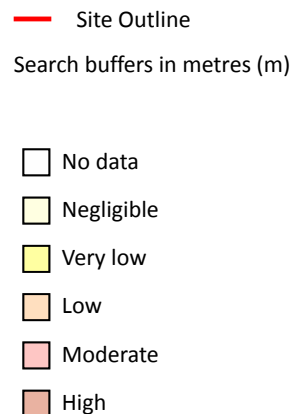
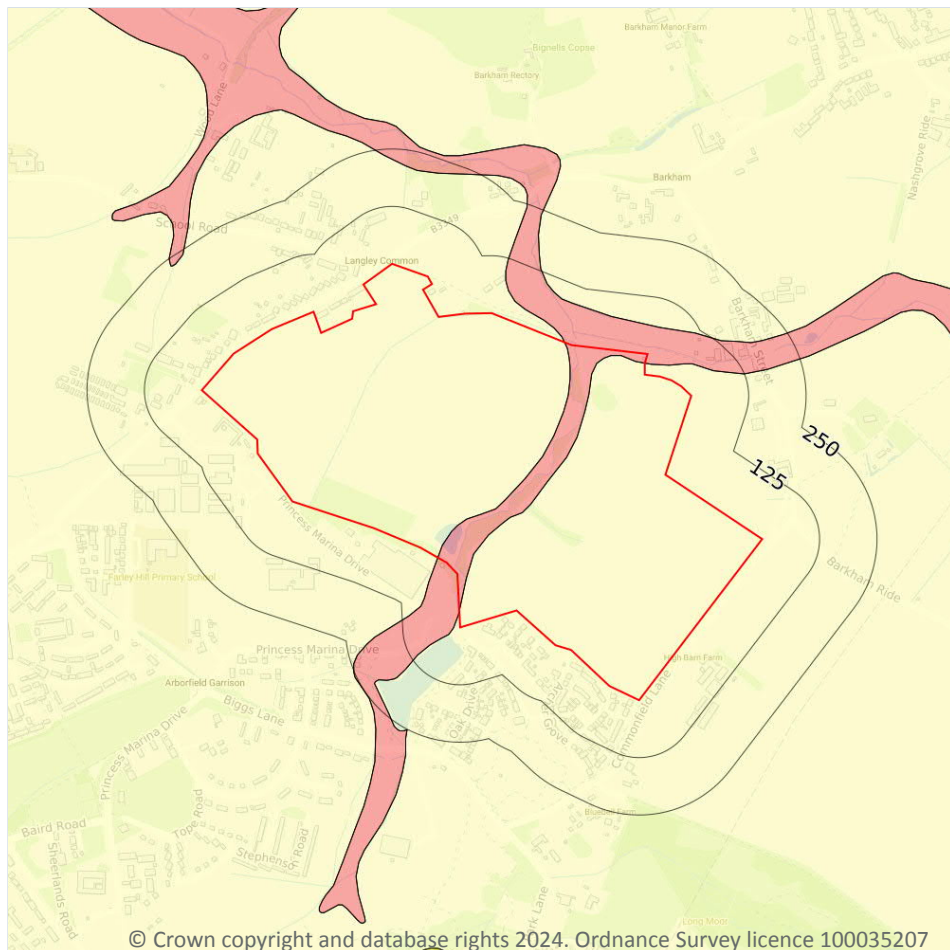
Location	Hazard rating	Details
On site	Very low	Running sand conditions are unlikely. No identified constraints on land use due to running conditions unless water table rises rapidly.

Location	Hazard rating	Details
On site	Low	Running sand conditions may be present. Constraints may apply to land uses involving excavation or the addition or removal of water.

This data is sourced from the British Geological Survey.



Natural ground subsidence - Compressible deposits



17.3 Compressible deposits

Records within 50m

2

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 114](#) >

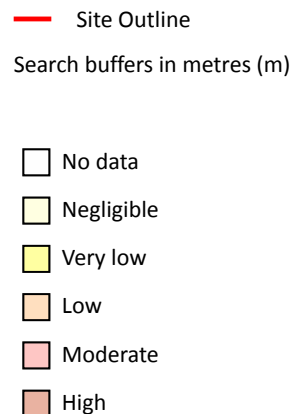
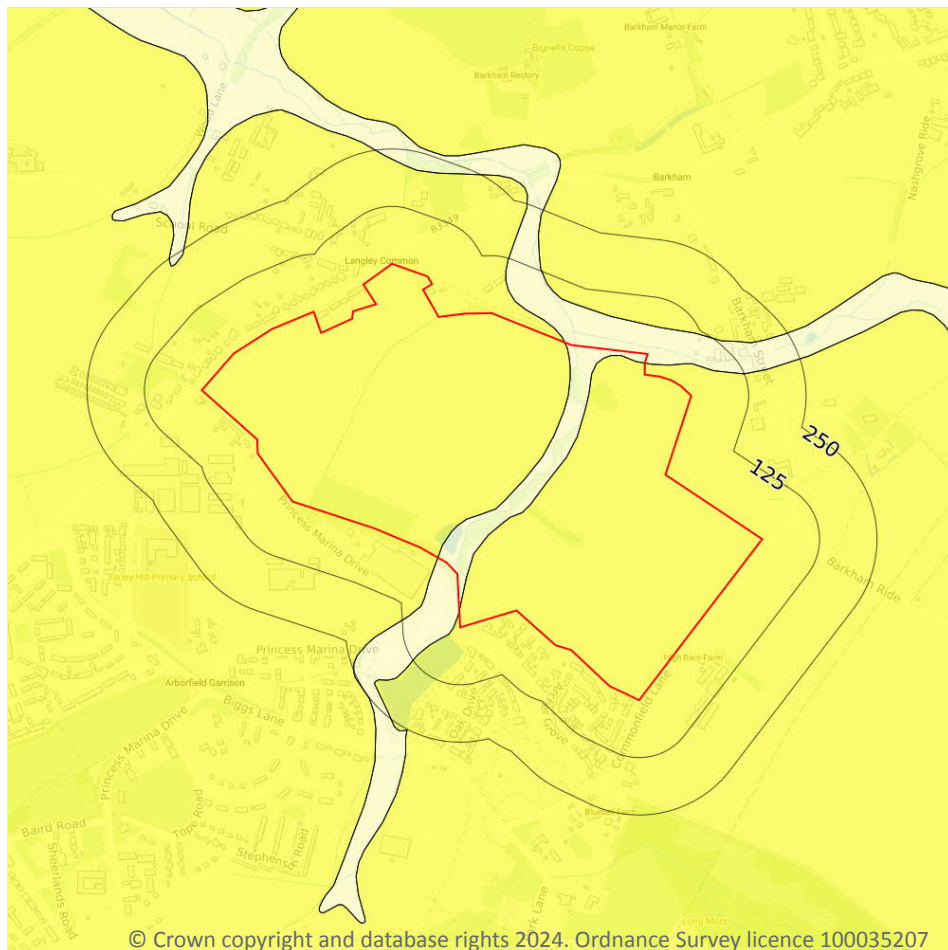
Location	Hazard rating	Details
On site	Negligible	Compressible strata are not thought to occur.
On site	Moderate	Compressibility and uneven settlement hazards are probably present. Land use should consider specifically the compressibility and variability of the site.



This data is sourced from the British Geological Survey.



Natural ground subsidence - Collapsible deposits



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.

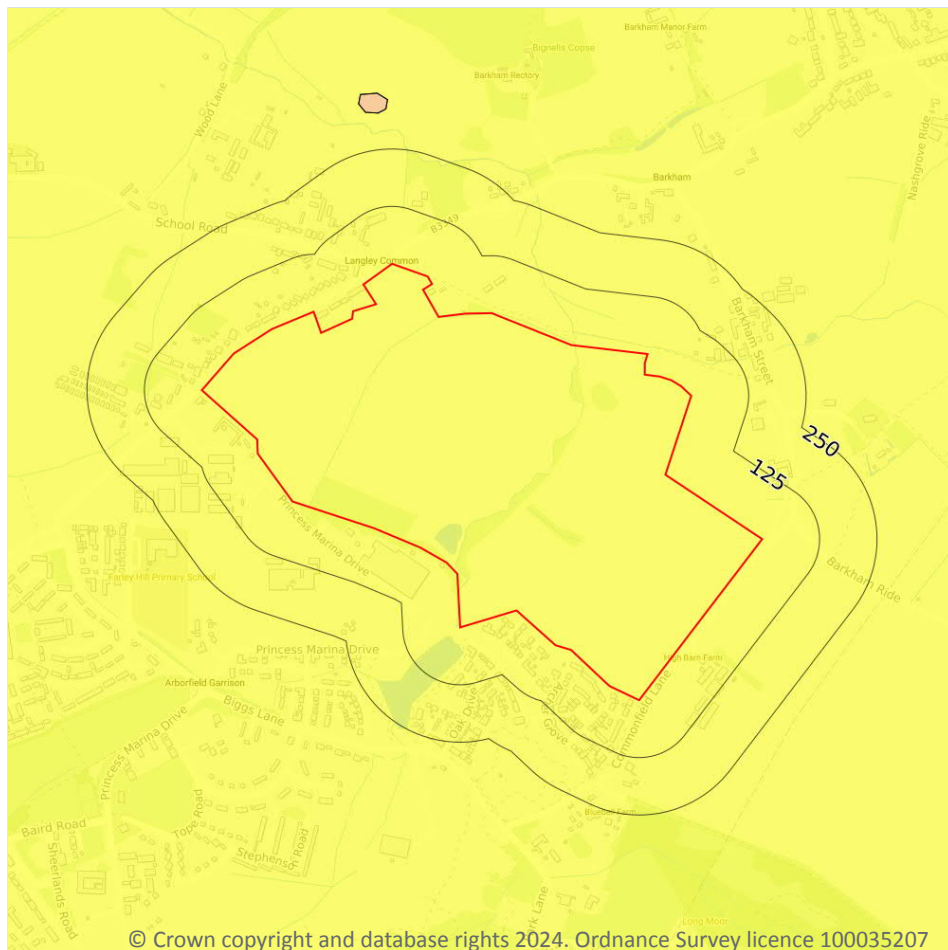
Features are displayed on the Natural ground subsidence - Collapsible deposits map on [page 116](#) >

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.

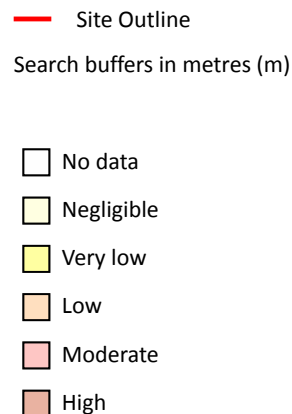
Features are displayed on the Natural ground subsidence - Landslides map on [page 117 >](#)

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 118 >](#)

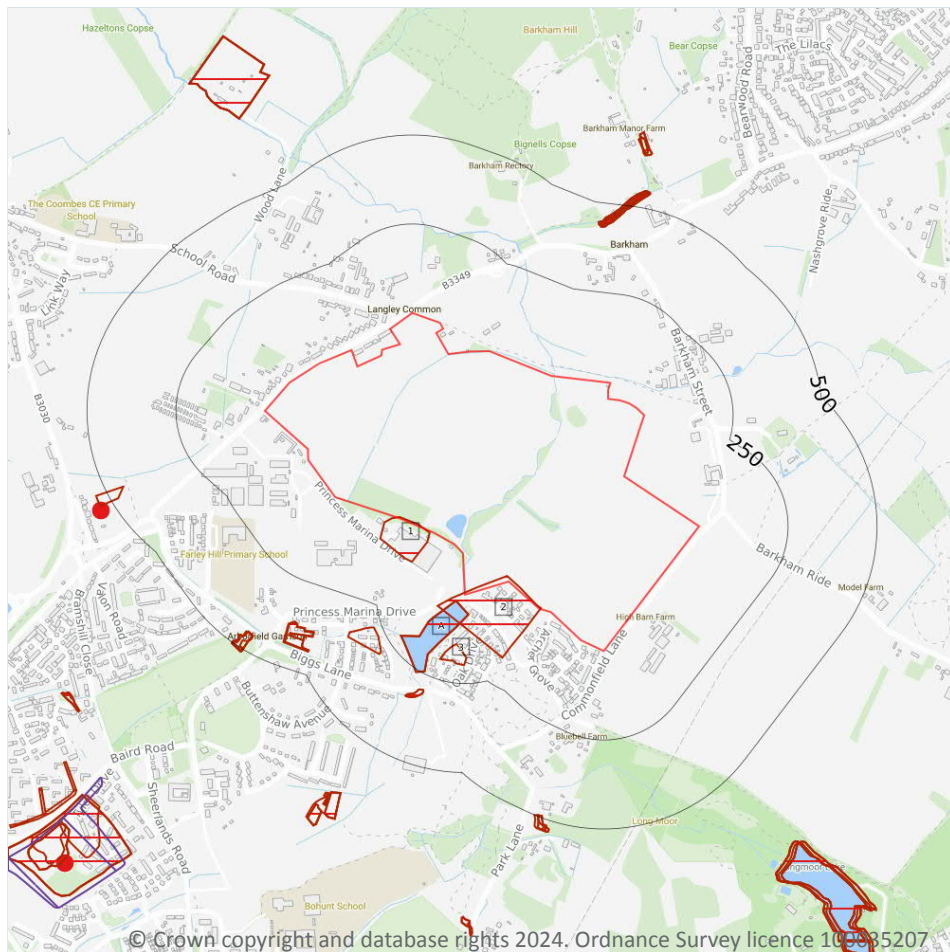
Location	Hazard rating	Details
On site	Negligible	Soluble rocks are either not thought to be present within the ground, or not prone to dissolution. Dissolution features are unlikely to be present.



This data is sourced from the British Geological Survey.



18 Mining and ground workings



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

18.1 BritPits

Records within 500m

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.

18.2 Surface ground workings

Records within 250m**5**

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

Features are displayed on the Mining and ground workings map on [page 120 >](#)

ID	Location	Land Use	Year of mapping	Mapping scale
1	On site	Unspecified Heap	1988	1:10000
2	On site	Disused Sewage Works	1969	1:10000
A	31m S	Pond	1988	1:10000
A	31m S	Pond	1978	1:10000
3	141m S	Unspecified Heap	1988	1:10000

This is data is sourced from Ordnance Survey/Groundsure.

18.3 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 is data is sourced from Ordnance Survey/Groundsure.

18.4 Underground mining extents

Records within 500m**0**

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

This data is sourced from Groundsure.

18.5 Historical Mineral Planning Areas

Records within 500m**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 JPB mining areas

Records on site

0

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

This data is sourced from Johnson Poole and Bloomer.

18.8 The Coal Authority non-coal mining

Records within 500m

0

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

This data is sourced from The Coal Authority.

18.9 Researched mining

Records within 500m

1

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

Location	Mineral type
33m S	Stone



This data is sourced from Groundsure.

18.10 Mining record office plans

Records within 500m

0

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

This data is sourced from Groundsure.

18.11 BGS mine plans

Records within 500m

0

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

This data is sourced from Groundsure.

18.12 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.

18.13 Brine areas

Records on site

0

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

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

18.14 Gypsum areas

Records on site

0

Generalised areas that may be affected by gypsum extraction.

This data is sourced from British Gypsum.



18.15 Tin mining

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

Generalised areas that may be affected by historical tin mining.

This data is sourced from Groundsure.

18.16 Clay mining

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

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

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



19 Ground cavities and sinkholes

19.1 Natural cavities

Records within 500m

0

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

This data is sourced from Stantec UK Ltd.

19.2 Mining cavities

Records within 1000m

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.

19.3 Reported recent incidents

Records within 500m

0

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

This data is sourced from Groundsure.

19.4 Historical incidents

Records within 500m

0

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

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



This data is sourced from Groundsure.

19.5 National karst database

Records within 500m

0

This is a comprehensive database of national karst information gathered from a wide range of sources. BGS have collected data on five main types of karst feature: Sinkholes, stream links, caves, springs, and incidences of associated damage to buildings, roads, bridges and other engineered works.

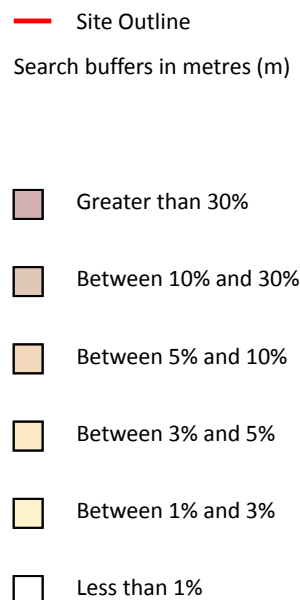
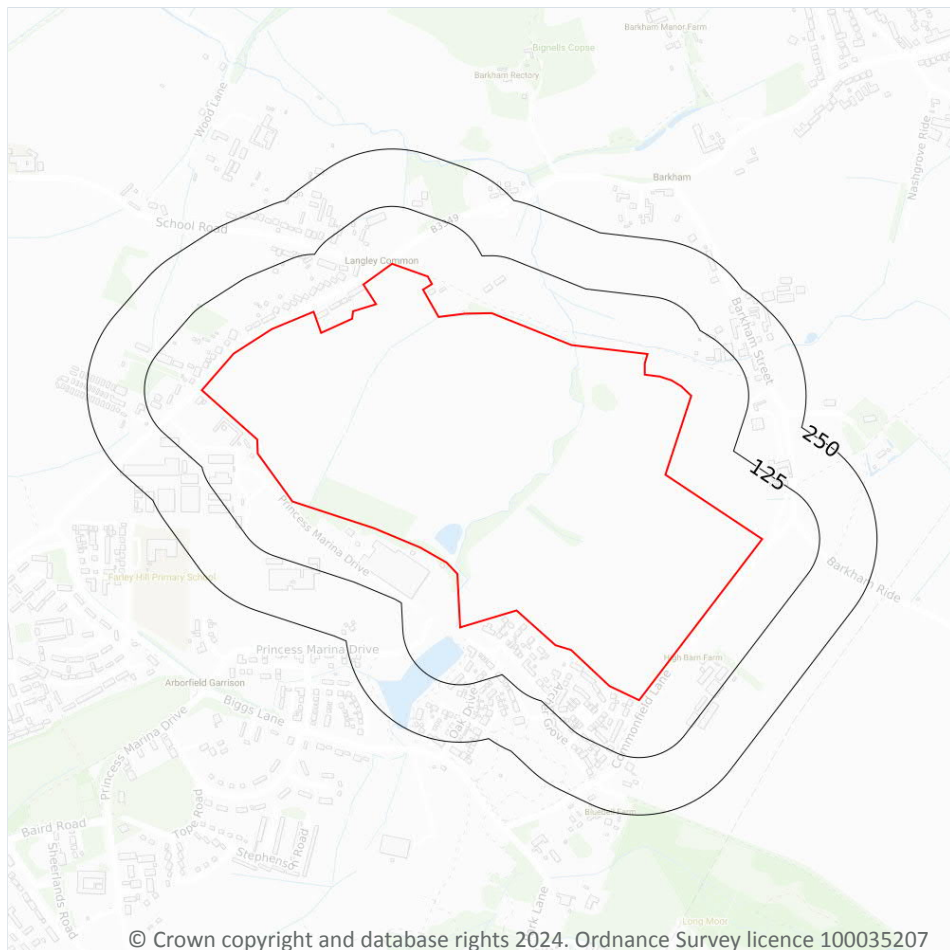
Since the database was set up in 2002 data covering most of the evaporite karst areas of the UK have now been added, along with data covering about 60% of the Chalk, and 35% of the Carboniferous Limestone outcrops. Many of the classic upland karst areas have yet to be included. Recorded so far are: Over 800 caves, 1300 stream sinks, 5600 springs, 10,000 sinkholes.

The database is not yet complete, and not all records have been verified. The absence of data does not mean that karst features are not present at a site. A reliability rating is included with each record.

This data is sourced from the British Geological Survey.



20 Radon



20.1 Radon

Records on site

1

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

Features are displayed on the Radon map on [page 127](#) >

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



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



21 Soil chemistry

21.1 BGS Estimated Background Soil Chemistry

Records within 50m

29

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

Location	Arsenic	Bioaccessible Arsenic	Lead	Bioaccessible Lead	Cadmium	Chromium	Nickel
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 - 25 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 - 25 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 - 25 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 - 25 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 - 25 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 - 25 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 - 25 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 - 25 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 - 25 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 - 25 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 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg



Location	Arsenic	Bioaccessible Arsenic	Lead	Bioaccessible Lead	Cadmium	Chromium	Nickel
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 - 25 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 - 25 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 - 25 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 - 25 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 - 25 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 - 25 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 - 25 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 - 25 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 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
3m S	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
7m NE	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
7m NE	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
8m S	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
9m S	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
46m NE	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
46m NE	15 - 25 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.



21.2 BGS Estimated Urban Soil Chemistry

Records within 50m

0

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

This data is sourced from the British Geological Survey.

21.3 BGS Measured Urban Soil Chemistry

Records within 50m

0

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

This data is sourced from the British Geological Survey.



22 Railway infrastructure and projects

22.1 Underground railways (London)

Records within 250m

0

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

This data is sourced from publicly available information by Groundsure.

22.2 Underground railways (Non-London)

Records within 250m

0

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

This data is sourced from publicly available information by Groundsure.

22.3 Railway tunnels

Records within 250m

0

Railway tunnels taken from contemporary Ordnance Survey mapping.

This data is sourced from the Ordnance Survey.

22.4 Historical railway and tunnel features

Records within 250m

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.

22.5 Royal Mail tunnels

Records within 250m

0

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



This data is sourced from Groundsure/the Postal Museum.

22.6 Historical railways

Records within 250m

0

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

This data is sourced from OpenStreetMap.

22.7 Railways

Records within 250m

0

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

This data is sourced from Ordnance Survey and OpenStreetMap.

22.8 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.

22.9 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.

22.10 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> ↗.

Terms and conditions

Groundsure's Terms and Conditions can be accessed at this link: www.groundsure.com/terms-and-conditions-april-2023/ ↗.





A P P E N D I X H

Land Appraisal | Environmental | Geotechnical | Design | Mining | Inspections

GRM Development Solutions Limited, Laurus House, First Avenue, Centrum 100, Burton upon Trent, Staffs DE14 2WH
www.grm-uk.com | info@grm-uk.com | 01283 551249 Company No. 3099018 (England), VAT Reg. No. 658 1005 48

