

A417 Missing Link
TR010056

6.4 Environmental Statement
Appendix 9.4 Groundsure Enviro
Insight Reports

Planning Act 2008

APFP Regulation 5(2)(a)
Infrastructure Planning (Applications: Prescribed Forms and
Procedure) Regulations 2009

Volume 6

May 2021

Infrastructure Planning

Planning Act 2008

**The Infrastructure Planning
(Applications: Prescribed Forms
and Procedure) Regulations 2009**

A417 Missing Link

Development Consent Order 202[x]

**6.4 Environmental Statement
Appendix 9.4 Groundsure Enviro Insight Reports**

Regulation Number:	5(2)(a)
Planning Inspectorate Scheme Reference	TR010056
Application Document Reference	6.4
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Version	Date	Status of Version
C01	May 2021	Application Submission



Groundsure

LOCATION INTELLIGENCE

Groundsure Reference: ARUP_1
Your Reference: ARUP_1
Report Date: 8th July 2019
Report Delivery Method: Email - pdf

Enviro Insight

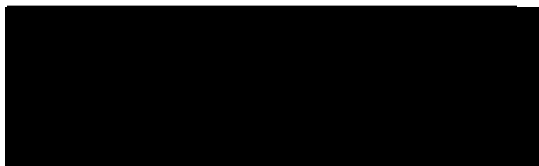
Address:

Dear Sir/ Madam,

Thank you for placing your order with Groundsure. Please find enclosed the **Groundsure Enviro Insight** as requested.

If you need any further assistance, please do not hesitate to contact our helpline on 08444 159000 quoting the above Groundsure reference number.

Yours faithfully,



Managing Director
Groundsure Limited

Enc.
Groundsure Enviroinsight

Enviro Insight

Address:

Date: 8th July 2019

Reference: ARUP_1

Client:

NW

N

NE

W

E



SW

S

SE

Aerial Photograph Capture date: 14-May-2018

Grid Reference: 567362,155547

Site Size: NaNha

Report Reference: ARUP_1

Client Reference: ARUP_1

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Overview of Findings

For further details on each dataset, please refer to each individual section in the main report as listed. Where the database has been searched a numerical result will be recorded. Where the database has not been searched '-' will be recorded.

Section 1: Historical Industrial Sites	On-site	0-50	51-250	251-500
1.1 Potentially Contaminative Uses identified from 1:10,000 scale mapping	47	5	9	28
1.2 Additional Information – Historical Tank Database	38	2	14	8
1.3 Additional Information – Historical Energy Features Database	47	1	2	6
1.4 Additional Information – Historical Petrol and Fuel Site Database	0	0	0	0
1.5 Additional Information – Historical Garage and Motor Vehicle Repair Database	2	0	0	5
1.6 Historical military sites	0	0	0	0
1.7 Potentially Infilled Land	58	3	7	25
Section 2: Environmental Permits, Incidents and Registers	On-site	0-50m	51-250	251-500
2.1 Industrial Sites Holding Environmental Permits and/or Authorisations				
2.1.1 Records of historic IPC Authorisations	0	0	0	0
2.1.2 Records of Part A(1) and IPPC Authorised Activities	8	0	0	0
2.1.3 Records of Red List Discharge Consents	0	0	0	0
2.1.4 Records of List 1 Dangerous Substances Inventory sites	0	0	0	0
2.1.5 Records of List 2 Dangerous Substances Inventory sites	0	0	0	0
2.1.6 Records of Part A(2) and Part B Activities and Enforcements	2	0	1	0
2.1.7 Records of Category 3 or 4 Radioactive Substances Authorisations	0	0	0	0
2.1.8 Records of Licensed Discharge Consents	10	0	0	2
2.1.9 Records of Water Industry Referrals	0	0	0	0
2.1.10 Records of Planning Hazardous Substance Consents and Enforcements within 500m of the study site	0	0	0	0
2.2 Records of COMAH and NIHHS sites	0	1	0	0
2.3 Environment Agency/Natural Resources Wales Recorded Pollution Incidents				
2.3.1 National Incidents Recording System, List 2	11	0	0	3
2.3.2 National Incidents Recording System, List 1	0	0	0	0
2.4 Sites Determined as Contaminated Land under Part 2A EPA 1990	0	0	0	0

Section 3: Landfill and Other Waste Sites	On-site	0-50m	51-250	251-500	501-1000	1000-1500
3.1 Landfill Sites						
3.1.1 Environment Agency/Natural Resources Wales Registered Landfill Sites	2	0	0	0	0	Not searched
3.1.2 Environment Agency/Natural Resources Wales Historic Landfill Sites	4	1	0	3	3	4
3.1.3 BGS/DoE Landfill Site Survey	0	0	0	0	0	1
3.1.4 Records of Landfills in Local Authority and Historical Mapping Records	0	0	0	0	0	3
3.2 Landfill and Other Waste Sites Findings						
3.2.1 Operational and Non-Operational Waste Treatment, Transfer and Disposal Sites	2	0	0	0	Not searched	Not searched
3.2.2 Environment Agency/Natural Resources Wales Licensed Waste Sites	18	2	0	0	0	0

Section 4: Current Land Use	On-site	0-50m	51-250	251-500
4.1 Current Industrial Sites Data	49	2	8	Not searched
4.2 Records of Petrol and Fuel Sites	1	0	0	1
4.3 National Grid Underground Electricity Cables	0	0	0	0
4.4 National Grid Gas Transmission Pipelines	0	0	0	0

Section 5: Geology	
5.1 Records of Artificial Ground and Made Ground present beneath the study site	None identified
5.2 Records of Superficial Ground and Drift Geology present beneath the study site	Identified
5.3 For records of Bedrock and Solid Geology beneath the study site see the detailed findings section.	

Section 6: Hydrogeology and Hydrology	0-500m					
6.1 Records of Strata Classification in the Superficial Geology within 500m of the study site	Identified					
6.2 Records of Strata Classification in the Bedrock Geology within 500m of the study site	Identified					
	On-site	0-50m	51-250	251-500	501-1000	1000-2000
6.3 Groundwater Abstraction Licences (within 2000m of the study site)	0	0	0	0	0	0
6.4 Surface Water Abstraction Licences (within 2000m of the study site)	4	0	3	3	1	3
6.5 Potable Water Abstraction Licences (within 2000m of the study site)	2	0	2	3	1	2
6.6 Source Protection Zones (within 500m of the study site)	0	0	0	0	Not searched	Not searched
6.7 Source Protection Zones within Confined Aquifer	0	0	0	0	Not searched	Not searched
6.8 Groundwater Vulnerability and Soil Leaching Potential (within 500m of the study site)	11	1	4	1	Not searched	Not searched

Section 6: Hydrogeology and Hydrology	0-500m					
	On-site	0-50m	51-250	251-500	501-1000	1000-1500
6.9 Environment Agency/Natural Resources Wales information on river quality within 1500m of the study site	No	No	No	No	No	Yes
6.10 Ordnance Survey MasterMap Water Network entries within 500m of the site	414	42	58	134	Not searched	Not searched
6.11 Surface water features within 250m of the study site	Yes	Yes	Yes	Not searched	Not searched	Not searched

Section 7: Flooding	
7.1 Environment Agency Zone 2 floodplains within 250m of the study site	Identified
7.2 Environment Agency/Natural Resources Wales Zone 3 floodplains within 250m of the study site	Identified
7.3 Risk of flooding from Rivers and the Sea (RoFRaS) rating for the study site	High
7.4 Flood Defences within 250m of the study site	None identified
7.5 Areas benefiting from Flood Defences within 250m of the study site	None identified
7.6 Areas used for Flood Storage within 250m of the study site	None identified
7.7 Maximum BGS Groundwater Flooding susceptibility within 50m of the study site	Potential at Surface
7.8 BGS confidence rating for the Groundwater Flooding susceptibility areas	High

Section 8: Designated Environmentally Sensitive Sites	On-site	0-50m	51-250	251-500	501-1000	1000-2000
8.1 Records of Sites of Special Scientific Interest (SSSI)	0	1	0	1	5	9
8.2 Records of National Nature Reserves (NNR)	0	0	0	0	1	6
8.3 Records of Special Areas of Conservation (SAC)	0	1	0	1	3	2
8.4 Records of Special Protection Areas (SPA)	0	0	0	0	0	0
8.5 Records of Ramsar sites	0	0	0	0	0	0
8.6 Records of Ancient Woodlands	0	1	0	1	1	4
8.7 Records of Local Nature Reserves (LNR)	0	0	0	1	0	1
8.8 Records of World Heritage Sites	0	0	0	0	0	0
8.9 Records of Environmentally Sensitive Areas	2	0	0	0	0	2

Section 8: Designated Environmentally Sensitive Sites

	On-site	0-50m	51-250	251-500	501-1000	1000-2000
8.10 Records of Areas of Outstanding Natural Beauty (AONB)	2	0	0	0	0	0
8.11 Records of National Parks	0	0	0	0	0	0
8.12 Records of Nitrate Sensitive Areas	0	0	0	0	0	0
8.13 Records of Nitrate Vulnerable Zones	2	0	0	0	1	4
8.14 Records of Green Belt land	3	0	0	0	1	4

Section 9: Natural Hazards

9.1 Maximum risk of natural ground subsidence

Low

9.1.1 Maximum Shrink-Swell hazard rating identified on the study site

Low

9.1.2 Maximum Landslides hazard rating identified on the study site

High

9.1.3 Maximum Soluble Rocks hazard rating identified on the study site

Negligible

9.1.4 Maximum Compressible Ground hazard rating identified on the study site

Negligible

9.1.5 Maximum Collapsible Rocks hazard rating identified on the study site

Very Low

9.1.6 Maximum Running Sand hazard rating identified on the study site

Very Low

9.2 Radon

9.2.1 Is the property in a Radon Affected Area as defined by the Health Protection Agency (HPA) and if so what percentage of homes are above the Action Level?

The site is in a Radon Affected Area, as between 10 and 30% of properties are above the Action Level.

9.2.2 Is the property in an area where Radon Protection are required for new properties or extensions to existing ones as described in publication BR211 by the Building Research Establishment?

Full radon protective measures are necessary.

Section 10: Mining

10.1 Coal mining areas within 75m of the study site

None identified

10.2 Non-Coal Mining areas within 50m of the study site boundary

None identified

10.3 Brine affected areas within 75m of the study site

None identified

Using this report

The following report is designed by Environmental Consultants for Environmental Professionals bringing together the most up-to-date market leading environmental data. This report is provided under and subject to the Terms & Conditions agreed between Groundsure and the Client. The document contains the following sections:

1. Historical Industrial Sites

Provides information on past land uses that may pose a risk to the study site in terms of potential contamination from activities or processes. Potentially Infilled Land features are also included. This search is conducted using radii of up to 500m.

2. Environmental Permits, Incidents and Registers

Provides information on Regulated Industrial Activities and Pollution Incidents as recorded by Regulatory Authorities, and sites determined as Contaminated Land. This search is conducted using radii up to 500m.

3. Landfills and Other Waste Sites

Provides information on landfills and other waste sites that may pose a risk to the study site. This search is conducted using radii up to 1500m.

4. Current Land Uses

Provides information on current land uses that may pose a risk to the study site in terms of potential contamination from activities or processes. These searches are conducted using radii of up to 500m. This includes information on potentially contaminative industrial sites, petrol stations and fuel sites as well as high pressure gas pipelines and underground electricity transmission lines.

5. Geology

Provides information on artificial and superficial deposits and bedrock beneath the study site.

6. Hydrogeology and Hydrology

Provides information on productive strata within the bedrock and superficial geological layers, abstraction licences, Source Protection Zones (SPZs) and river quality. These searches are conducted using radii of up to 2000m.

7. Flooding

Provides information on river and coastal flooding, flood defences, flood storage areas and groundwater flood areas. This search is conducted using radii of up to 250m.

8. Designated Environmentally Sensitive Sites

Provides information on the Sites of Special Scientific Interest (SSSI), National Nature Reserves (NNR), Special Areas of Conservation (SAC), Special Protection Areas (SPA), Ramsar sites, Local Nature Reserves (LNR), Areas of Outstanding Natural Beauty (AONB), National Parks (NP), Environmentally Sensitive Areas, Nitrate Sensitive Areas, Nitrate Vulnerable Zones and World Heritage Sites and Scheduled Ancient Woodland. These searches are conducted using radii of up to 2000m.

9. Natural Hazards

Provides information on a range of natural hazards that may pose a risk to the study site. These factors include natural ground subsidence and radon..

10. Mining

Provides information on areas of coal and non-coal mining and brine affected areas.

11. Contacts

This section of the report provides contact points for statutory bodies and data providers that may be able to provide further information on issues raised within this report. Alternatively, Groundsure provide a free Technical Helpline (08444 159000) for further information and guidance.

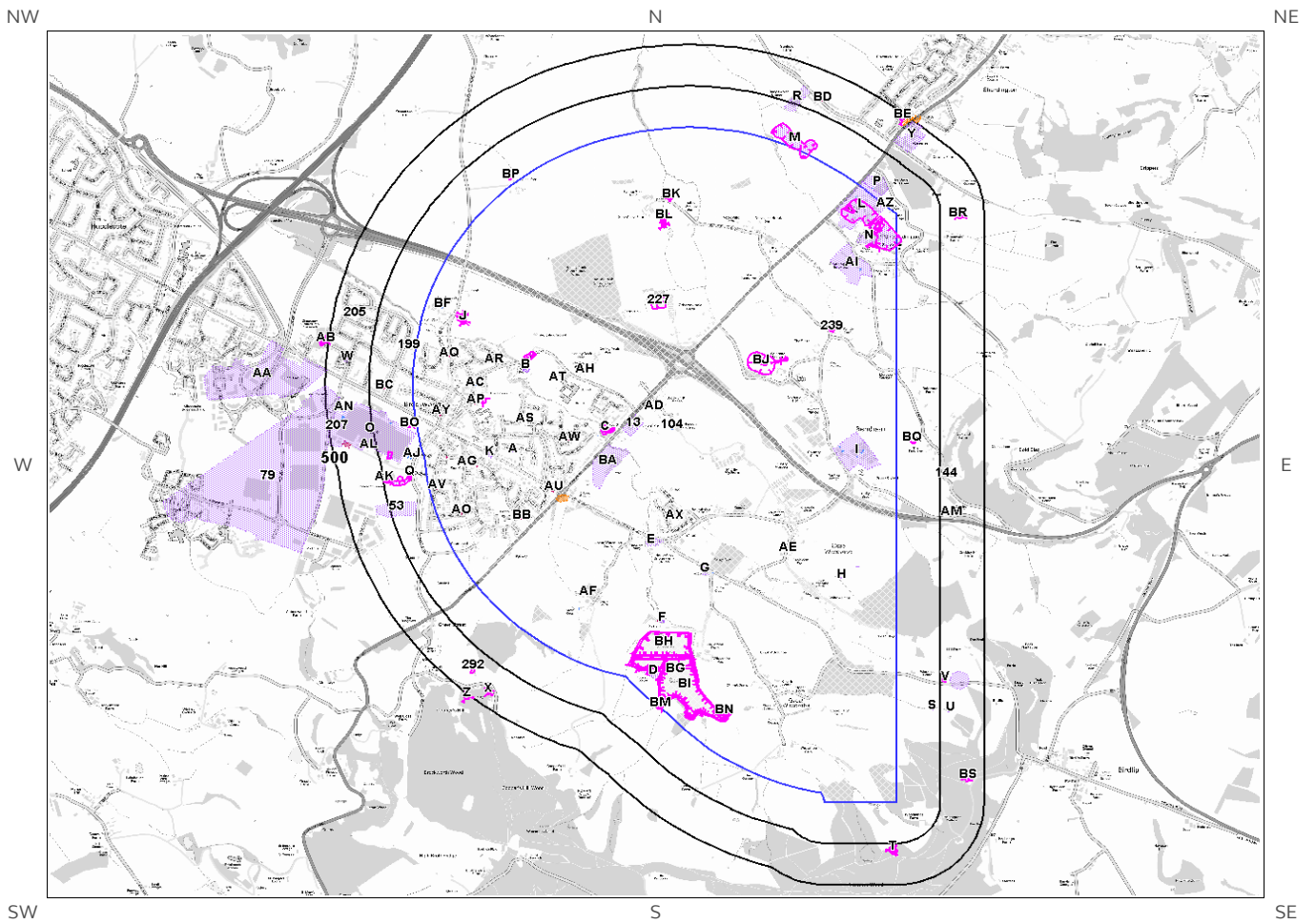
Note: Maps

Only certain features are placed on the maps within the report. All features represented on maps found within this search are given an identification number. This number identifies the feature on the mapping and correlates it to the additional information provided below. This identification number precedes all other information and takes the following format -Id: 1, Id: 2, etc. Where numerous features on the same map are in such close proximity that the numbers would obscure each other a letter identifier is used instead to represent the features. (e.g. Three features which overlap may be given the identifier "A" on the map and would be identified separately as features 1A, 3A, 10A on the data tables provided).

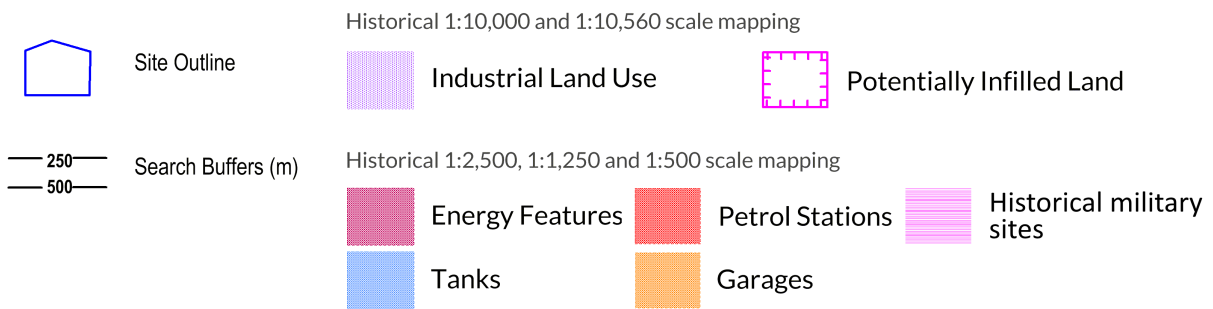
Where a feature is reported in the data tables to a distance greater than the map area, it is noted in the data table as "Not Shown".

All distances given in this report are in Metres (m). Directions are given as compass headings such as N: North, E: East, NE: North East from the nearest point of the study site boundary.

1. Historical Land Use



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1. Historical Industrial Sites

1.1 Potentially Contaminative Uses identified from 1:10,000 scale Mapping

The systematic analysis of data extracted from standard 1:10,560 and 1:10,000 scale historical maps provides the following information:

Records of sites with a potentially contaminative past land use within 500m of the search boundary: 89

ID	Distance [m]	Direction	Use	Date
1J	0	On Site	Unspecified Pit	1966
2K	0	On Site	Smithy	1883
3A	0	On Site	Butts	1924
4A	0	On Site	Butts	1900
5A	0	On Site	Butts	1924
6B	0	On Site	Unspecified Disused Mill	1966
7B	0	On Site	Unspecified Mill	1924
8B	0	On Site	Unspecified Mill	1924
9B	0	On Site	Disused Corn Mill	1883
10B	0	On Site	Unspecified Mill	1900
11C	0	On Site	Unspecified Ground Workings	1992
12C	0	On Site	Unspecified Ground Workings	1975
13	0	On Site	Nurseries	1975
14D	0	On Site	Water Works	1924
15E	0	On Site	Smithy	1883
16D	0	On Site	Filter Beds	1924
17E	0	On Site	Smithy	1900
18E	0	On Site	Smithy	1924
19F	0	On Site	Electricity Substation	1975
20F	0	On Site	Electricity Substation	1992
21F	0	On Site	Filter House	1924
22F	0	On Site	Filter House	1924
23G	0	On Site	Telephone Exchange	1975
24G	0	On Site	Telephone Exchange	1992
25H	0	On Site	Pumping House	1924
26H	0	On Site	Pumping House	1924
27I	0	On Site	Unspecified Works	1975
28I	0	On Site	Unspecified Works	1992
29J	0	On Site	Unspecified Old Quarry	1883
30J	0	On Site	Unspecified Old Quarry	1900
31K	0	On Site	Smithy	1900
32BA	0	On Site	Electricity Substation	1975
33F	0	On Site	Filter House	1949

34E	0	On Site	Smithy	1924
35J	0	On Site	Unspecified Old Quarry	1924
36B	0	On Site	Cuttings	1974
37B	0	On Site	Cuttings	1989
38J	0	On Site	Unspecified Old Quarry	1924
39AI	0	On Site	Nursery	1992
40N	0	On Site	Nursery	1992
41L	0	On Site	Unspecified Works	1992
42L	0	On Site	Unspecified Works	1975
43M	0	On Site	Unspecified Disused Pit	1992
44M	0	On Site	Unspecified Disused Pit	1975
45BM	0	On Site	Filter Bed	1924
46BN	0	On Site	Filter Bed	1924
47N	0	On Site	Sand Pit	1949
48O	12	W	Unspecified Works	1989
49O	12	W	Unspecified Works	1974
50BO	29	W	Unspecified Pit	1883
51P	30	NE	Nurseries	1992
52P	30	NE	Nurseries	1975
53	89	W	Nurseries	1966
54Q	90	W	Refuse Heap	1924
55Q	90	W	Refuse Heap	1924
56Q	92	W	Unspecified Pit	1966
57S	197	E	Pumping Houses	1949
58R	201	N	Nurseries	1992
59R	201	N	Nurseries	1975
60S	204	E	Pumping Houses	1924
61S	204	E	Pumping Houses	1924
62V	265	E	Cuttings	1924
63T	271	S	Unspecified Quarry	1901
64T	271	S	Unspecified Quarry	1924
65T	271	S	Unspecified Quarry	1883
66T	281	S	Unspecified Old Quarry	1949
67T	287	S	Unspecified Old Quarry	1924
68U	289	E	Pumping Houses	1924
69U	293	E	Pumping Houses	1949
70U	303	E	Pumping Houses	1924
71V	303	E	Unspecified Tank	1883
72Y	332	NE	Nurseries	1992
73W	372	W	Police Station	1974
74W	372	W	Police Station	1989
75BS	394	E	Cuttings	1949
76X	410	SW	Unspecified Pit	1901
77X	410	SW	Unspecified Pit	1883
78X	414	SW	Unspecified Pit	1924
79	421	W	Disused Airfield	1989

80Y	443	NE	Nurseries	1975
81BE	458	NE	Unspecified Pit	1884
82Z	492	SW	Unspecified Disused Quarry	1973
83Z	492	SW	Unspecified Quarry	1954
84AA	493	W	Unspecified Commercial/Industrial	1924
85AA	493	W	Unspecified Commercial/Industrial	1924
86AB	498	W	Unspecified Pit	1966
87AB	498	W	Unspecified Pit	1924
88AB	498	W	Unspecified Pit	1924
89AB	498	W	Unspecified Pit	1900

1.2 Additional Information – Historical Tank Database

The systematic analysis of data extracted from High Detailed 1:1,250 and 1:2,500 scale historical maps provides the following information.

Records of historical tanks within 500m of the search boundary:

62

ID	Distance (m)	Direction	Use	Date
90BF	0	On Site	Unspecified Tank	1936
91AG	0	On Site	Unspecified Tank	1964
92AC	0	On Site	Unspecified Tank	1902
93AC	0	On Site	Unspecified Tank	1923
94AD	0	On Site	Unspecified Tank	1922
95AD	0	On Site	Unspecified Tank	1902
96I	0	On Site	Tanks	1973
97I	0	On Site	Unspecified Tank	1973
98I	0	On Site	Tanks	1973
99I	0	On Site	Unspecified Tank	1973
100C	0	On Site	Unspecified Tank	1936
101I	0	On Site	Unspecified Tank	1991
102I	0	On Site	Unspecified Tank	1991
103I	0	On Site	Unspecified Tank	1996
104	0	On Site	Unspecified Tank	1998
105AE	0	On Site	Unspecified Tank	1902
106AE	0	On Site	Unspecified Tank	1922
107G	0	On Site	Unspecified Tank	1922
108L	0	On Site	Unspecified Tank	1991
109G	0	On Site	Unspecified Tank	1939
110AF	0	On Site	Unspecified Tank	1923
111AF	0	On Site	Unspecified Tank	1936
112AF	0	On Site	Unspecified Tank	1884

113J	0	On Site	Unspecified Tank	1971
114AG	0	On Site	Unspecified Tank	1964
115AH	0	On Site	Unspecified Tank	1964
116AH	0	On Site	Unspecified Tank	1971
117AH	0	On Site	Unspecified Tank	1964
118I	0	On Site	Unspecified Tank	1973
119I	0	On Site	Unspecified Tank	1991
120I	0	On Site	Tanks	1996
121I	0	On Site	Tanks	1991
122I	0	On Site	Unspecified Tank	1996
123I	0	On Site	Unspecified Tank	1996
124J	0	On Site	Unspecified Tank	1996
125AI	0	On Site	Unspecified Tank	1991
126AI	0	On Site	Unspecified Tank	1998
127N	0	On Site	Unspecified Tank	1998
128P	29	NE	Unspecified Tank	1998
129P	30	NE	Unspecified Tank	1991
130AJ	68	W	Unspecified Tank	1964
131AJ	68	W	Unspecified Tank	1964
132AJ	68	W	Unspecified Tank	1991
133AJ	73	W	Unspecified Tank	1964
134AJ	74	W	Unspecified Tank	1964
135AJ	74	W	Unspecified Tank	1991
136AJ	83	W	Unspecified Tank	1964
137AJ	84	W	Unspecified Tank	1964
138AJ	84	W	Unspecified Tank	1991
139O	140	W	Unspecified Tank	1923
140O	140	W	Unspecified Tank	1936
141AJ	176	W	Unspecified Tank	1991
142AK	246	W	Tanks	1923
143AK	246	W	Tanks	1936
144	280	E	Unspecified Tank	1922
145AL	298	W	Unspecified Tank	1964
146AL	298	W	Unspecified Tank	1964
147AM	306	E	Unspecified Tank	1902
148AM	306	E	Unspecified Tank	1922
149AN	400	W	Tanks	1991
150AN	400	W	Tanks	1991
151AN	414	W	Tanks	1991

1.3 Additional Information – Historical Energy Features Database

The systematic analysis of data extracted from High Detailed 1:1,250 and 1:2,500 scale historical maps provides the following information.

Records of historical energy features within 500m of the search boundary:

56

ID	Distance (m)	Direction	Use	Date
152AO	0	On Site	Electricity Substation	1984
153AO	0	On Site	Electricity Substation	1991
154AR	0	On Site	Electricity Substation	1992
155AP	0	On Site	Electricity Substation	1978
156AP	0	On Site	Electricity Substation	1992
157AG	0	On Site	Electricity Substation	1986
158AV	0	On Site	Electricity Substation	1986
159AQ	0	On Site	Electricity Substation	1992
160AQ	0	On Site	Electricity Substation	1978
161AR	0	On Site	Electricity Substation	1978
162K	0	On Site	Electricity Substation	1986
163AS	0	On Site	Electricity Substation	1991
164AS	0	On Site	Electricity Substation	1984
165AS	0	On Site	Electricity Substation	1976
166BB	0	On Site	Electricity Substation	1983
167AT	0	On Site	Electricity Substation	1971
168AT	0	On Site	Electricity Substation	1991
169AU	0	On Site	Electricity Substation	1991
170AU	0	On Site	Electricity Substation	1984
171AU	0	On Site	Electricity Substation	1970
172K	0	On Site	Electricity Substation	1994
173AV	0	On Site	Electricity Substation	1994
174AY	0	On Site	Electricity Substation	1994
175AU	0	On Site	Electricity Substation	1983
176AU	0	On Site	Electricity Substation	1976
177AW	0	On Site	Electricity Substation	1984
178AW	0	On Site	Electricity Substation	1991
179AW	0	On Site	Electricity Substation	1976
180F	0	On Site	Electricity Substation	1991
181F	0	On Site	Electricity Substation	1992
182AX	0	On Site	Electricity Substation	1992
183AX	0	On Site	Electricity Substation	1991
184AO	0	On Site	Electricity Substation	1973
185AY	0	On Site	Electricity Substation	1979
186AG	0	On Site	Electricity Substation	1979
187AG	0	On Site	Electricity Substation	1979
188AG	0	On Site	Electricity Substation	1994
189AZ	0	On Site	Electricity Substation	1973
190AZ	0	On Site	Electricity Substation	1991
191BA	0	On Site	Electricity Substation	1973
192F	0	On Site	Electricity Substation	1972

193AX	0	On Site	Electricity Substation	1972
194AY	0	On Site	Electricity Substation	1978
195AG	0	On Site	Electricity Substation	1978
196AG	0	On Site	Electricity Substation	1978
197AU	0	On Site	Electricity Substation	1994
198BB	0	On Site	Electricity Substation	1994
199	33	W	Electricity Substation	1991
200BC	161	W	Electricity Substation	1991
201BC	161	W	Electricity Substation	1989
202BD	324	NE	Electricity Substation	1972
203BD	326	NE	Electricity Substation	1991
204BD	326	NE	Electricity Substation	1991
205	371	W	Electricity Substation	1996
206AL	391	W	Electricity Substation	1991
207	446	W	Electricity Substation	1991

1.4 Additional Information – Historical Petrol and Fuel Site Database

The systematic analysis of data extracted from High Detailed 1:1,250 and 1:2,500 scale historical maps provides the following information.

Records of historical petrol stations and fuel sites within 500m of the search boundary: 0

Database searched and no data found.

1.5 Additional Information – Historical Garage and Motor Vehicle Repair Database

The systematic analysis of data extracted from High Detailed 1:1,250 and 1:2,500 scale historical maps provides the following information.

Records of historical garage and motor vehicle repair sites within 500m of the search boundary: 7

ID	Distance (m)	Direction	Use	Date
208AU	0	On Site	Garage	1970
209AU	0	On Site	Garage	1983
210BE	432	NE	Garage	1991
211BE	432	NE	Garage	1991
212BE	469	NE	Garage	1972
213BE	500	NE	Garage	1991
214BE	500	NE	Garage	1991

1.6 Historical military sites

Certain military installations were not noted on historic mapping for security reasons. Whilst not all military land is necessarily of concern, Groundsure has researched and digitised a number of Ordnance Factories and other military industrial features (e.g. Ordnance Depots, Munitions Testing Grounds) which may be of contaminative concern. This research was drawn from a number of different sources, and should not be regarded as a definitive or exhaustive database of potentially contaminative military installations. The boundaries of sites within this database have been estimated from the best evidence available to Groundsure at the time of compilation.

Records of historical military sites within 500m of the search boundary: 0
Database searched and no data found.

1.7 Potentially Infilled Land

Records of Potentially Infilled Features from 1:10,000 scale mapping within 500m of the study site: 93

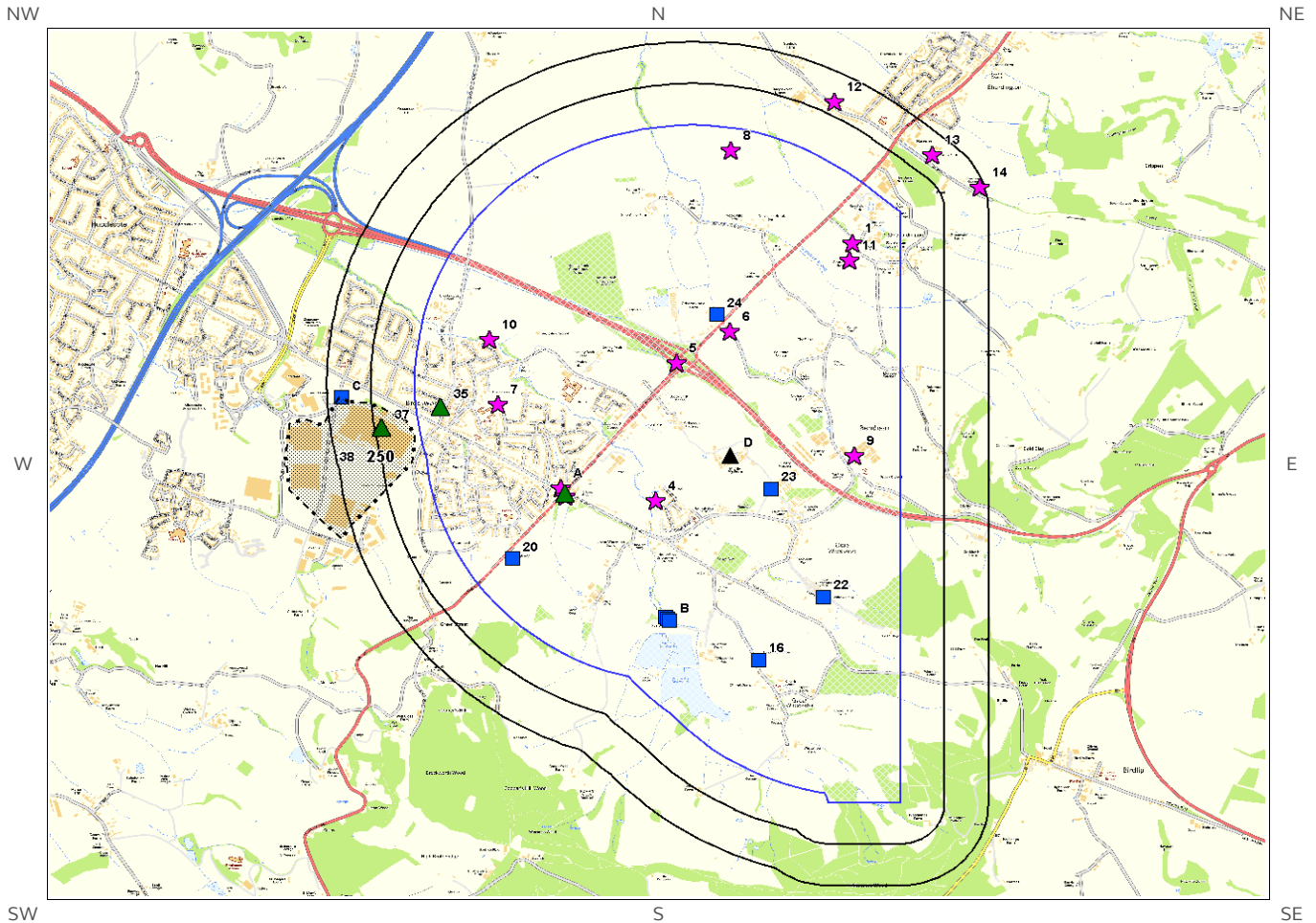
The following Historical Potentially Infilled Features derived from the Historical Mapping information is provided by Groundsure:

ID	Distance(m)	Direction	Use	Date
215BF	0	On Site	Unspecified Pit	1966
216J	0	On Site	Unspecified Old Quarry	1924
217J	0	On Site	Unspecified Old Quarry	1924
218AP	0	On Site	Pond	1924
219BG	0	On Site	Reservoirs	1924
220BH	0	On Site	Reservoirs	1975
221BG	0	On Site	Reservoirs	1883
222BG	0	On Site	Reservoirs	1901
223BG	0	On Site	Reservoirs	1924
224BH	0	On Site	Reservoirs	1900
225BH	0	On Site	Reservoirs	1924
226BH	0	On Site	Reservoirs	1883
227	0	On Site	Pond	1992
228BI	0	On Site	Reservoirs	1949
229BI	0	On Site	Reservoirs	1975
230BI	0	On Site	Reservoirs	1924
231BI	0	On Site	Reservoirs	1901
232BI	0	On Site	Reservoirs	1883
233BG	0	On Site	Reservoirs	1924
234BG	0	On Site	Reservoirs	1901
235BJ	0	On Site	Pond	1883
236BJ	0	On Site	Pond	1883
237BJ	0	On Site	Pond	1924
238BJ	0	On Site	Pond	1924
239	0	On Site	Pond	1883
240M	0	On Site	Unspecified Disused Pit	1975
241M	0	On Site	Unspecified Disused Pit	1992















242L	0	On Site	Pond	1975
243N	0	On Site	Pond	1992
244N	0	On Site	Pond	1975
245N	0	On Site	Sand Pit	1949
246N	0	On Site	Pond	1883
247N	0	On Site	Pond	1924
248N	0	On Site	Pond	1924
249N	0	On Site	Pond	1900
250BK	0	On Site	Pond	1900
251BK	0	On Site	Pond	1883
252BL	0	On Site	Pond	1924
253BL	0	On Site	Pond	1992
254BL	0	On Site	Pond	1949
255D	0	On Site	Filter Beds	1924
256B	0	On Site	Cuttings	1974
257B	0	On Site	Cuttings	1989
258C	0	On Site	Unspecified Ground Workings	1975
259C	0	On Site	Unspecified Ground Workings	1992
260D	0	On Site	Reservoir	1992
261D	0	On Site	Reservoir	1975
262D	0	On Site	Reservoirs	1949
263BH	0	On Site	Reservoirs	1949
264BH	0	On Site	Reservoirs	1992
265BI	0	On Site	Reservoirs	1992
266BF	0	On Site	Unspecified Old Quarry	1883
267BF	0	On Site	Unspecified Old Quarry	1900
268AZ	0	On Site	Pond	1949
269BM	0	On Site	Filter Bed	1924
270BN	0	On Site	Filter Bed	1924
271BJ	0	On Site	Fish Pond	1992
272BJ	0	On Site	Fish Pond	1975
273BO	29	W	Unspecified Pit	1883
274BP	31	NW	Pond	1900
275BP	31	NW	Pond	1924
276BQ	70	E	Pond	1883
277BQ	71	E	Pond	1900
278AV	90	W	Refuse Heap	1924
279AV	90	W	Refuse Heap	1924
280AK	92	W	Unspecified Pit	1966
281AJ	169	W	Pond	1924
282AJ	169	W	Pond	1924
283V	265	E	Cuttings	1924
284T	271	S	Unspecified Quarry	1924
285T	271	S	Unspecified Quarry	1901

286T	271	S	Unspecified Quarry	1883
287T	281	S	Unspecified Old Quarry	1949
288T	287	S	Unspecified Old Quarry	1924
289BR	330	E	Pond	1949
290BR	330	E	Pond	1992
291BR	330	E	Pond	1975
292	332	SW	Pond	1883
293BR	337	E	Pond	1883
294BR	340	E	Pond	1924
295BR	340	E	Pond	1900
296BR	340	E	Pond	1924
297BS	394	E	Cuttings	1949
298X	410	SW	Unspecified Pit	1901
299X	410	SW	Unspecified Pit	1883
300X	414	SW	Unspecified Pit	1924
301BE	458	NE	Unspecified Pit	1884
302Z	492	SW	Unspecified Disused Quarry	1973
303Z	492	SW	Unspecified Quarry	1954
304AB	498	W	Unspecified Pit	1966
305AB	498	W	Unspecified Pit	1900
306AB	498	W	Unspecified Pit	1924
307AB	498	W	Unspecified Pit	1924

2. Environmental Permits, Incidents and Registers Map



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- | | | | | | |
|---|--------------------|---|-------------------------------|---|--|
|  | Site Outline |  | Recorded Pollution Incident |  | RAS 3 & 4 Authorisations |
|  | Search Buffers (m) |  | Dangerous Substances (List 1) |  | Part A(1) Authorised Processes and Historic IPC Authorisations |
| | |  | Dangerous Substances (List 2) |  | Part A(2) and Part B Authorised Processes |
| | |  | Water Industry Referrals |  | COMAH / NIHHS Sites |
| | |  | Licenced Discharge Consents |  | Sites Determined as Contaminated Land |
| | |  | Red List Discharge Consents |  | Hazardous Substance Consents and Enforcements |

2. Environmental Permits, Incidents and Registers

2.1 Industrial Sites Holding Licences and/or Authorisations

Searches of information provided by the Environment Agency/Natural Resources Wales and Local Authorities reveal the following information:

2.1.1 Records of historic IPC Authorisations within 500m of the study site:

0

Database searched and no data found.

2.1.2 Records of Part A(1) and IPPC Authorised Activities within 500m of the study site:

8

The following Part A(1) and IPPC Authorised Activities are represented as points on the Environmental Permits, Incidents and Registers Map:

ID	Distance (m)	Direction	NGR	Details
39D	0	On Site	390770 216190	Operator: ALEXANDER AND ANGELL FARMS LTD Installation Name: BENTHAM, COURT & MIDDLE PIG FARMS EPR/VP3834UB Process: ASSOCIATED PROCESS Permit Number: JP3637HS Original Permit Number: VP3834UB EPR Reference: - Issue Date: 02/08/2011 Effective Date: 02/08/2011 Last date noted as effective: 2019-04-30 Status: SUPERCEDED
40D	0	On Site	390770 216190	Operator: ALEXANDER AND ANGELL FARMS LTD Installation Name: BENTHAM, COURT & MIDDLE PIG FARMS EPR/VP3834UB Process: INTENSIVE FARMING; > 2,000 PIGS (PRODUCTION PIGS) Permit Number: VP3834UB Original Permit Number: VP3834UB EPR Reference: - Issue Date: 18/10/2007 Effective Date: 18/10/2007 Last date noted as effective: 2019-04-30 Status: SUPERCEDED
41D	0	On Site	390770 216190	Operator: ALEXANDER AND ANGELL FARMS LTD Installation Name: BENTHAM, COURT & MIDDLE PIG FARMS EPR/VP3834UB Process: INTENSIVE FARMING; > 2,000 PIGS (PRODUCTION PIGS) Permit Number: JP3637HS Original Permit Number: VP3834UB EPR Reference: - Issue Date: 02/08/2011 Effective Date: 02/08/2011 Last date noted as effective: 2019-04-30 Status: SUPERCEDED
42D	0	On Site	390770 216190	Operator: ALEXANDER & ANGELL (FARMS) LIMITED Installation Name: BENTHAM, COURT & MIDDLE PIG FARMS EPR/VP3834UB Process: ASSOCIATED PROCESS Permit Number: KP3333RQ Original Permit Number: VP3834UB EPR Reference: - Issue Date: 29/01/2016 Effective Date: 29/01/2016 Last date noted as effective: 2019-04-30

ID	Distance (m)	Direction	NGR	Details	
					30 Status: EFFECTIVE
43D	0	On Site	390770 216190	Operator: ALEXANDER & ANGELL (FARMS) LIMITED Installation Name: BENTHAM, COURT & MIDDLE PIG FARMS EPR/VP3834UB Process: INTENSIVE FARMING; > 2,000 PIGS (PRODUCTION PIGS)	Permit Number: KP3333RQ Original Permit Number: VP3834UB EPR Reference: - Issue Date: 29/01/2016 Effective Date: 29/01/2016 Last date noted as effective: 2019-04-30 Status: EFFECTIVE
44D	0	On Site	390770 216190	Operator: ALEXANDER AND ANGELL FARMS LTD Installation Name: BENTHAM, COURT & MIDDLE PIG FARMS EPR/VP3834UB Process: ASSOCIATED PROCESS	Permit Number: VP3834UB Original Permit Number: VP3834UB EPR Reference: - Issue Date: 18/10/2007 Effective Date: 18/10/2007 Last date noted as effective: 2019-04-30 Status: SUPERCEDED
45D	0	On Site	390770 216190	Operator: ALEXANDER AND ANGELL FARMS LTD Installation Name: BENTHAM, COURT & MIDDLE PIG FARMS EPR/VP3834UB Process: ASSOCIATED PROCESS	Permit Number: EP3733CH Original Permit Number: VP3834UB EPR Reference: - Issue Date: 02/03/2012 Effective Date: 02/03/2012 Last date noted as effective: 2019-04-30 Status: SUPERCEDED
46D	0	On Site	390770 216190	Operator: ALEXANDER AND ANGELL FARMS LTD Installation Name: BENTHAM, COURT & MIDDLE PIG FARMS EPR/VP3834UB Process: INTENSIVE FARMING; > 2,000 PIGS (PRODUCTION PIGS)	Permit Number: EP3733CH Original Permit Number: VP3834UB EPR Reference: - Issue Date: 02/03/2012 Effective Date: 02/03/2012 Last date noted as effective: 2019-04-30 Status: SUPERCEDED

2.1.3 Records of Red List Discharge Consents (potentially harmful discharges to controlled waters) within 500m of the study site:

0

Database searched and no data found.

2.1.4 Records of List 1 Dangerous Substances Inventory Sites within 500m of the study site:

0

Database searched and no data found.

2.1.5 Records of List 2 Dangerous Substance Inventory Sites within 500m of the study site:

0

Database searched and no data found.

2.1.6 Records of Part A(2) and Part B Activities and Enforcements within 500m of the study site:

3

The following Part A(2) and Part B Activities are represented as points on the Environmental Permits, Incidents and Registers Map:

ID	Distance (m)	Direction	NGR	Details
35	0	On Site	389113 216482	Address: Locketts (formerly The Dry Cleaners), 5 Court Road, Brockworth, GL3 4EL Process: Dry Cleaning Status: Current Permit Permit Type: Part B Enforcement: No Enforcements Notified Date of Enforcement: No Enforcements Notified Comment: No Enforcements Notified
36A	0	On Site	389823 215963	Address: Cross Hands Garage (Shell), Painswick Road, Brockworth, GL3 4PL Process: Unloading of Petrol into Storage at Service Stations Status: Current Permit Permit Type: Part B Enforcement: No Enforcements Notified Date of Enforcement: No Enforcements Notified Comment: No Enforcements Notified
37	211	W	388782 216361	Address: Invista (UK) Ltd, Ermin Street, Brockworth, GL3 4HP Process: Metal Decontamination Status: Historical Permit Permit Type: Part B Enforcement: No Enforcements Notified Date of Enforcement: No Enforcements Notified Comment: No Enforcements Notified

2.1.7 Records of Category 3 or 4 Radioactive Substances Authorisations:

0

Database searched and no data found.

2.1.8 Records of Licensed Discharge Consents within 500m of the study site:

12

The following Licensed Discharge Consents records are represented as points on the Environmental Permits, Incidents and Registers Map:

ID	Distance (m)	Direction	NGR	Details
15B	0	On Site	390420 215210	Address: WITCOMBE WATER TREATMENT WORKS, GREAT WITCOMBE, GLOUCESTER Effluent Type: TRADE DISCHARGES - PROCESS EFFLUENT - WATER COMPANY (WTW) Permit Number: S/20/12875/T Receiving Water: HORSEBERE BROOK Status: REVOKED (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 25/03/1988 Effective Date: 25-Mar-1988 Revocation Date: 04/09/2006

ID	Distance (m)	Direction	NGR	Details	
Permit Version: 1					
16	0	On Site	390930 214970	Address: THE FORMER RECTORY, THE RECTORY, GREAT WITCOMBE, NR GLOUCESTER, GLOUCESTERSHIRE Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: S/20/22469/S Permit Version: 1	Receiving Water: TRIB OF HORSEBERE BROOK Status: POST NRA LEGISLATION WHERE ISSUE DATE > 31-AUG-89 (HISTORIC ONLY) Issue date: 23/06/1993 Effective Date: 23-Jun-1993 Revocation Date: -
17B	0	On Site	390410 215220	Address: WITCOMBE RESERVOIR - STW, WITCOMBE, TEWKESBURY, GLOUCESTERSHIRE Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - WATER COMPANY Permit Number: S/20/12770/R Permit Version: 1	Receiving Water: HORSEBERE BROOK Status: MODIFIED - (WRA 91 SCHED 10 - AS AMENDED BY ENV ACT 1995) Issue date: 25/03/1988 Effective Date: 25-Mar-1988 Revocation Date: 03/04/2006
18B	0	On Site	390410 215220	Address: WITCOMBE RESERVOIR - STW, WITCOMBE, TEWKESBURY, GLOUCESTERSHIRE Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - WATER COMPANY Permit Number: S/20/26618/RG Permit Version: 1	Receiving Water: GROUNDWATER(S) VIA A SOAKAWAY Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 04/04/2006 Effective Date: 04-Apr-2006 Revocation Date: 03/12/2015
19B	0	On Site	390410 215220	Address: WITCOMBE RESERVOIR - STW, WITCOMBE, TEWKESBURY, GLOUCESTERSHIRE Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - WATER COMPANY Permit Number: S/20/26618/RG Permit Version: 2	Receiving Water: GROUNDWATER(S) VIA A SOAKAWAY Status: VARIED UNDER EPR 2010 Issue date: 04/04/2006 Effective Date: 04-Dec-2015 Revocation Date: -
20	0	On Site	389530 215580	Address: HIGHWAYS, PAINSWICK ROAD, BROCKWORTH, GLOUCESTERSHIRE Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: S/20/20793/S Permit Version: 1	Receiving Water: TRIB OF HORSEBERE BROOK Status: POST NRA LEGISLATION WHERE ISSUE DATE > 31-AUG-89 (HISTORIC ONLY) Issue date: 15/08/1991 Effective Date: 15-Aug-1991 Revocation Date: -
21B	0	On Site	390400 215230	Address: WITCOMBE WATER TREATMENT WORKS, GREAT WITCOMBE, GLOUCESTER Effluent Type: TRADE DISCHARGES - PROCESS EFFLUENT - WATER COMPANY (WTW) Permit Number: S/20/12875/T Permit Version: 1	Receiving Water: HORSEBERE BROOK Status: REVOKED (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 25/03/1988 Effective Date: 25-Mar-1988 Revocation Date: 04/09/2006
22	0	On Site	391300 215350	Address: GREYCOTE & WILLOW FARM, GREEN LANE, LITTLE WITCOMBE, GLOUCESTERSHIRE, GL3 4TY Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: S/20/23008/S Permit Version: 1	Receiving Water: TRIB OF HORSEBERE BROOK Status: POST NRA LEGISLATION WHERE ISSUE DATE > 31-AUG-89 (HISTORIC ONLY) Issue date: 20/09/1994 Effective Date: 20-Sep-1994 Revocation Date: -
23	0	On Site	391000 216000	Address: BROOKFILED, SANDY PLUCK LANE, BENTHAM, NEAR CHELTENHAM, GLOUCESTER Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: DS/2518 Permit Version: 1	Receiving Water: RECEIVING WATER NOT DEFINED Status: PRE NRA LEGISLATION WHERE ISSUE DATE < 01-SEP-89 (HISTORIC ONLY) Issue date: 27/05/1963 Effective Date: 27-May-1963 Revocation Date: -

ID	Distance (m)	Direction	NGR	Details	
24	0	On Site	390690 217050	Address: BROOKWELL, SHURDINGTON ROAD, BENTHAM, CHELTENHAM, GLOUCESTERSHIRE Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: S/20/25224/S Permit Version: 1	Receiving Water: TRIB OF NORMANS BROOK Status: POST NRA LEGISLATION WHERE ISSUE DATE > 31-AUG-89 (HISTORIC ONLY) Issue date: 28/08/1997 Effective Date: 28-Aug-1997 Revocation Date: -
25C	423	W	388550 216550	Address: BROCKWORTH WORKS, ERMINE STREET, BROCKWORTH, GLOUCESTER, GLOUCESTERSHIRE, GL3 4HP Effluent Type: TRADE DISCHARGES - COOLING WATER Permit Number: S/20/04567/T Permit Version: 1	Receiving Water: TRIB OF WOOTTEN BROOK Status: MODIFIED - (WRA 91 SCHED 10 - AS AMENDED BY ENV ACT 1995) Issue date: 29/05/1962 Effective Date: 29-May-1962 Revocation Date: 27/07/1992
26C	423	W	388550 216550	Address: BROCKWORTH WORKS (DUPONT), ERMIN STREET, BROCKWORTH, GLOUCESTERSHIRE Effluent Type: TRADE DISCHARGES - COOLING WATER Permit Number: S/20/21643/T Permit Version: 1	Receiving Water: WOTTON BROOK Status: SURRENDERED UNDER EPR 2010 Issue date: 28/07/1992 Effective Date: 28-Jul-1992 Revocation Date: 12/08/2013

2.1.9 Records of Water Industry Referrals (potentially harmful discharges to the public sewer) within 500m of the study site:

0

Database searched and no data found.

2.1.10 Records of Planning Hazardous Substance Consents and Enforcements within 500m of the study site:

0

Database searched and no data found.

2.2 Dangerous or Hazardous Sites

Records of COMAH & NIHHS sites within 500m of the study site:

1

The following COMAH & NIHHS Authorisation records provided by the Health and Safety Executive are represented as polygons or buffered points on the Environmental Permits, Incidents and Registers Map:

ID	Distance (m)	Direction	Company	Address	Operational Status	Tier
38	30	W	Du Pont (uk) Ltd	Du Pont (UK) Ltd, Ermin Street, Brockworth, Gloucester, GL3 4HP	Historical NIHHS Site	-

2.3 Environment Agency/Natural Resources Wales Recorded Pollution Incidents

2.3.1 Records of National Incidents Recording System, List 2 within 500m of the study site:

14

The following NIRS List 2 records are represented as points on the Environmental Permits, Incidents and Registers Map:

ID	Distance (m)	Direction	NGR	Details
1	0	On Site	391460.0 217480.0	Incident Date: 16-Oct-2001 Incident Identification: 36890.0 Pollutant: Sewage Materials Pollutant Description: Other Sewage Material Water Impact: Category 3 (Minor) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
2A	0	On Site	389800.0 216010.0	Incident Date: 01-Aug-2001 Incident Identification: 21027.0 Pollutant: Pollutant Not Identified Pollutant Description: Not Identified Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
3A	0	On Site	389823.0 215957.0	Incident Date: 17-Jul-2001 Incident Identification: 30185.0 Pollutant: Oils and Fuel Pollutant Description: Diesel Water Impact: Category 3 (Minor) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
4	0	On Site	390340.0 215930.0	Incident Date: 01-Jan-2003 Incident Identification: 128619.0 Pollutant: Sewage Materials Pollutant Description: Crude Sewage Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
5	0	On Site	390460.0 216760.0	Incident Date: 29-Aug-2001 Incident Identification: 27490.0 Pollutant: Other Pollutant Pollutant Description: Other Water Impact: Category 3 (Minor) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
6	0	On Site	390763.0 216948.0	Incident Date: 09-Apr-2002 Incident Identification: 70089.0 Pollutant: Other Pollutant Pollutant Description: Other Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
7	0	On Site	389440.0 216510.0	Incident Date: 16-Apr-2003 Incident Identification: 151900.0 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Smoke Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)
8	0	On Site	390770.0 218040.0	Incident Date: 25-Jul-2002 Incident Identification: 94294.0 Pollutant: Sewage Materials Pollutant Description: Sludge Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
9	0	On Site	391472.0 216204.0	Incident Date: 26-Sep-2002 Incident Identification: 110769.0 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Other Atmospheric Pollutant or Effect Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
10	0	On Site	389390.0 216900.0	Incident Date: 26-Jun-2002 Incident Identification: 87606.0 Pollutant: Pollutant Not Identified Pollutant Description: Not Identified Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
11	0	On Site	391448.0 217379.0	Incident Date: 04-Feb-2003 Incident Identification: 134843.0 Pollutant: Inert Materials and Wastes Pollutant Description: Construction and Demolition Materials and Wastes Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
12	327	NE	391361.0	Incident Date: 20-Apr-2002 Water Impact: Category 4 (No Impact)

ID	Distance (m)	Direction	NGR	Details	
			218331.0	Incident Identification: 73365.0 Pollutant: Inorganic Chemicals/Products Pollutant Description: Alkalis	Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
13	376	NE	391918.0 218011.0	Incident Date: 02-Jul-2002 Incident Identification: 88693.0 Pollutant: Inert Materials and Wastes Pollutant Description: Construction and Demolition Materials and Wastes	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
14	471	E	392190.0 217820.0	Incident Date: 01-Oct-2002 Incident Identification: 111873.0 Pollutant: Inert Materials and Wastes Pollutant Description: Other Inert Material or Waste	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)

2.3.2 Records of National Incidents Recording System, List 1 within 500m of the study site:

0

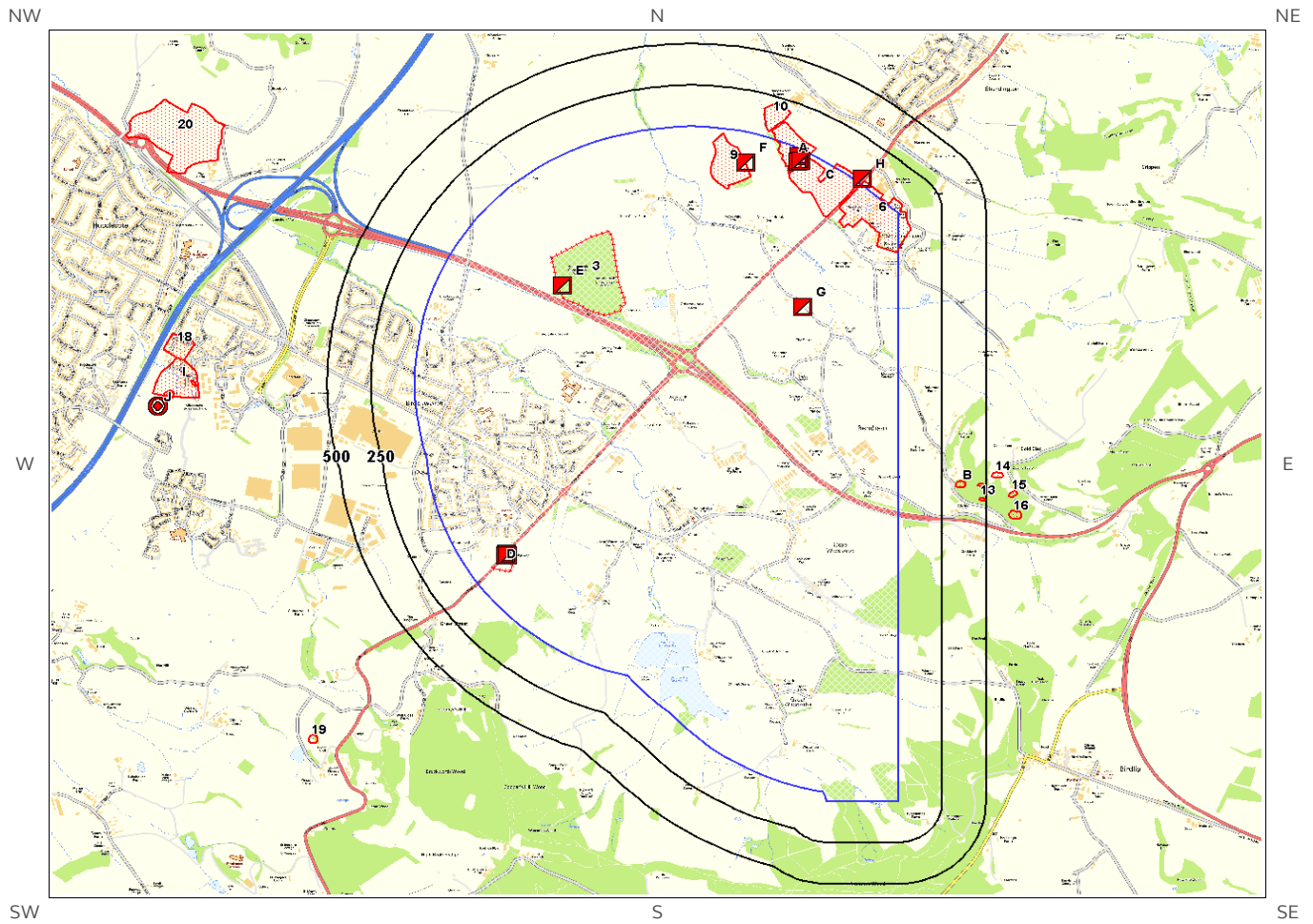
Database searched and no data found.

2.4 Sites Determined as Contaminated Land under Part 2A EPA 1990










Records of sites determined as contaminated land under Section 78R of the Environmental Protection Act 1990 are there within 500m of the study site 0

Database searched and no data found.

3. Landfill and Other Waste Sites Map



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- | | | | | | |
|---|------------------------|---|---------------------------|---|---|
|  | Site Outline |  | EA/NRW Active Landfill |  | Historic and Planned Waste Sites |
|  | 250 Search Buffers (m) |  | EA/NRW Historic Landfill |  | EA/NRW Licensed Waste Site |
|  | 500 Search Buffers (m) |  | BGS / DoE Survey Landfill |  | Local Authority/Historical Mapping Landfill Records |

3. Landfill and Other Waste Sites

3.1 Landfill Sites

3.1.1 Records from Environment Agency/Natural Resources Wales landfill data within 1000m of the study site:

2

The following Environment Agency/Natural Resources Wales landfill records are represented as polygons on the Landfill and Other Waste Sites map:

ID	Distance (m)	Direction	NGR	Details
2D	0	On Site	389494 215610	Address: Burford & Sons, Painswick Road, Brockworth, Witcombe, Gloucestershir Landfill Reference: 48183.0 Operator: Burford H, Burford M S, Burford M T And Burford M P Status: Closure IPPC Reference: EPR Reference: Environmental Permitting Regulations (Waste) Reference: BUR003 Landfill Type: A05: Landfill taking Non-Biodegradable Wastes
3	0	On Site	389816 217235	Address: Brockworth Bypass, Land North Of A417, Gloucestershir Landfill Reference: 48050.0 Operator: John Jones (Excavation) Ltd Status: Closure IPPC Reference: EPR Reference: Environmental Permitting Regulations (Waste) Reference: JON001 Landfill Type: A05: Landfill taking Non-Biodegradable Wastes

3.1.2 Records of Environment Agency/Natural Resources Wales historic landfill sites within 1500m of the study site:

15

The following landfill records are represented as either points or polygons on the Landfill and Other Waste Sites map:

ID	Distance (m)	Direction	NGR	Details
6	0	On Site		Site Address: Endsleigh Property Services Limited, Old Marley Works, A46 Shurdington Road, Endsleigh Park, Shurdington, Gloucestershire Waste Licence: - Site Reference: 76 Waste Type: - Environmental Permitting Regulations (Waste) Reference: - Licence Issue: Licence Surrendered: Licence Holder Address: - Operator: - Licence Holder: - First Recorded: - Last Recorded: -
7C	0	On Site		Site Address: Land opposite Marley Concrete Limited, Shurdington Road, Badgeworth, Shurdington, Licence Issue: 04-Jan-1982 Licence Surrendered: 31-Dec-1991 Licence Holder Address: Overbury Estate

ID	Distance (m)	Direction	NGR	Details
				<p>Gloucestershire Waste Licence: Yes Site Reference: 29/137 Waste Type: Inert Environmental Permitting Regulations (Waste) Reference: -</p> <p>Office, Overbury, Near Tewkesbury, Gloucestershire Operator: - Licence Holder: Gloucestershire Sand and Gravel Company Limited First Recorded: 31-Dec-1977 Last Recorded: 31-Dec-1991</p>
8A	0	On Site		<p>Site Address: Land opposite Marley Concrete Limited, Shurdington Road, Badgeworth, Shurdington, Gloucestershire Waste Licence: Yes Site Reference: 29/137 Waste Type: Inert Environmental Permitting Regulations (Waste) Reference: -</p> <p>Licence Issue: 04-Jan-1982 Licence Surrendered: 31-Dec-1991 Licence Holder Address: Overbury Estate Office, Overbury, Near Tewkesbury, Gloucestershire Operator: - Licence Holder: Gloucestershire Sand and Gravel Company Limited First Recorded: 31-Dec-1977 Last Recorded: 31-Dec-1991</p>
9	0	On Site		<p>Site Address: Brook Villa Farm Landfill Site, Sandy Pluck Lane,Cheltenham,Shurington,Gloucesters hire Waste Licence: Yes Site Reference: - Waste Type: - Environmental Permitting Regulations (Waste) Reference: -</p> <p>Licence Issue: 16-Aug-1993 Licence Surrendered: 05-Jun-2009 Licence Holder Address: 113/115,Bath Road,Cheltenham,Gloucestershire Operator: Capaldi Plant Hire Ltd Licence Holder: Capaldi Plant Hire Ltd First Recorded: - Last Recorded: -</p>
10	34	N		<p>Site Address: Land opposite Marley Concrete Limited, Shurdington Road, Badgeworth, Shurdington, Gloucestershire Waste Licence: Yes Site Reference: 29/137 Waste Type: Inert Environmental Permitting Regulations (Waste) Reference: -</p> <p>Licence Issue: 04-Jan-1982 Licence Surrendered: 31-Dec-1991 Licence Holder Address: Overbury Estate Office, Overbury, Near Tewkesbury, Gloucestershire Operator: - Licence Holder: Gloucestershire Sand and Gravel Company Limited First Recorded: 31-Dec-1977 Last Recorded: 31-Dec-1991</p>
11B	328	E		<p>Site Address: Crickley Lodge, A417, Whitcombe, Gloucestershire Waste Licence: - Site Reference: 131 Waste Type: Inert Environmental Permitting Regulations (Waste) Reference: -</p> <p>Licence Issue: Licence Surrendered: Licence Holder Address: - Operator: - Licence Holder: - First Recorded: - Last Recorded: -</p>
12B	455	E		<p>Site Address: Crickley Lodge, A417, Whitcombe, Gloucestershire Waste Licence: - Site Reference: 131 Waste Type: Inert Environmental Permitting Regulations (Waste) Reference: -</p> <p>Licence Issue: Licence Surrendered: Licence Holder Address: - Operator: - Licence Holder: - First Recorded: - Last Recorded: -</p>
13	461	E		<p>Site Address: Crickley Lodge, A417, Whitcombe, Gloucestershire Waste Licence: - Site Reference: 131 Waste Type: Inert Environmental Permitting Regulations (Waste) Reference: -</p> <p>Licence Issue: Licence Surrendered: Licence Holder Address: - Operator: - Licence Holder: - First Recorded: - Last Recorded: -</p>
14	531	E		<p>Site Address: Crickley Lodge, A417, Whitcombe, Gloucestershire Waste Licence: - Site Reference: 131 Waste Type: Inert Environmental Permitting Regulations (Waste) Reference: -</p> <p>Licence Issue: Licence Surrendered: Licence Holder Address: - Operator: - Licence Holder: - First Recorded: - Last Recorded: -</p>

ID	Distance (m)	Direction	NGR	Details
15	631	E		Site Address: Crickley Lodge, A417, Whitcombe, Gloucestershire Waste Licence: - Site Reference: 131 Waste Type: Inert Environmental Permitting Regulations (Waste) Reference: - Licence Issue: Licence Surrendered: Licence Holder Address: - Operator: - Licence Holder: - First Recorded: - Last Recorded: -
16	632	E		Site Address: Crickley Lodge, A417, Whitcombe, Gloucestershire Waste Licence: - Site Reference: 131 Waste Type: Inert Environmental Permitting Regulations (Waste) Reference: - Licence Issue: Licence Surrendered: Licence Holder Address: - Operator: - Licence Holder: - First Recorded: - Last Recorded: -
171	1238	W		Site Address: Trading Est to, Hucclecote, Gloucester, Gloucestershire Waste Licence: - Site Reference: 426, 1600/3012 Waste Type: - Environmental Permitting Regulations (Waste) Reference: - Licence Issue: Licence Surrendered: Licence Holder Address: - Operator: - Licence Holder: - First Recorded: - Last Recorded: -
18	1269	W		Site Address: Gloucester Trading Estate, Hucclecote, Gloucester, Gloucestershire Waste Licence: - Site Reference: 433, 1600/3009 Waste Type: - Environmental Permitting Regulations (Waste) Reference: - Licence Issue: Licence Surrendered: Licence Holder Address: - Operator: - Licence Holder: - First Recorded: - Last Recorded: -
19	1299	SW		Site Address: Pincott Farm, Painswick Road, Upton St Leonards, Gloucester, Gloucestershire Waste Licence: - Site Reference: 244 Waste Type: Inert Environmental Permitting Regulations (Waste) Reference: - Licence Issue: Licence Surrendered: Licence Holder Address: - Operator: - Licence Holder: - First Recorded: - Last Recorded: -
20	1443	NW		Site Address: The Noake, Near Hucclecote, Near Hucclecote, Gloucester Waste Licence: - Site Reference: 1600/3035 Waste Type: Inert, Commercial Environmental Permitting Regulations (Waste) Reference: - Licence Issue: Licence Surrendered: Licence Holder Address: - Operator: John Jones Excavations Limited Licence Holder: - First Recorded: - Last Recorded: -

3.1.3 Records of BGS/DoE non-operational landfill sites within 1500m of the study site:

1

The following landfill records are represented as points on the Landfill and Other Waste Sites map:

ID	Distance (m)	Direction	NGR	Details
1J	1474	W	387500.0 216500.0	Address: Trading Estate, Hucclecote, Gloucester BGS Number: 2084.0 Risk: No risk to aquifer Waste Type: N/A

3.1.4 Records of Landfills from Local Authority and Historical Mapping Records within 1500m of the study site:

3

The following landfill records are represented as points or polygons on the Landfill and Other Waste Sites map:

ID	Distance (m)	Direction	NGR	Site Address	Source	Data Type
41I	1243	W	387706 216639	Refuse Tip	1964 mapping	Polygon
42J	1381	W	387560 216574	Refuse Tip	1994 mapping	Polygon
43J	1381	W	387560 216574	Refuse Tip	1996 mapping	Polygon

3.2 Other Waste Sites

3.2.1 Records of waste treatment, transfer or disposal sites within 500m of the study site:

2

The following waste treatment, transfer or disposal sites records are represented as points on the Landfill and Other Waste Sites map:

ID	Distance (m)	Direction	NGR	Details		
4A	0	On Site	391161 218006	Type of Site: Recycling Development Site Address: Shurdington Road, Bentham, CHELTENHAM, Gloucestershire, GL51 4UA	Planning Application Reference: 07/00569/FUL Date: -	Further Details: Scheme comprises recycling of inert waste with ancillary development. An application (ref: 07/00569/FUL) for detailed planning permission was submitted to Tewkesbury B.C. Data Source: Historic Planning Application Data Type: Point
5A	0	On Site	391197 217999	Type of Site: Waste Transfer Station Site Address: Land At, Shurdington Road, Bentham, Cheltenham, Gloucestershire, GL51 4UA	Planning Application Reference: 14/0046/TWMAJW Date: -	Further Details: Scheme comprises Variation of condition 2 (Duration) of planning reference: 10/0116/TWMAJW dated 21/07/2011 [Variation of conditions 2, 3, 14 & 15 of planning permission 07/0015/TWMAJW dated 22nd August 2007 [Recycling of inert waste with ancillary development]; to extend the life of the site until 31st December 2016. The associated works include sewer systems, landscaping, infrastructure, enabling and access roads. Data Source: Historic Planning Application Data Type: Point

ID	Distance (m)	Direction	NGR	Details
----	--------------	-----------	-----	---------

3.2.2 Records of Environment Agency/Natural Resources Wales licensed waste sites within 1500m of the study site:

20

The following waste treatment, transfer or disposal sites records are represented as points on the Landfill and Other Waste Sites map:

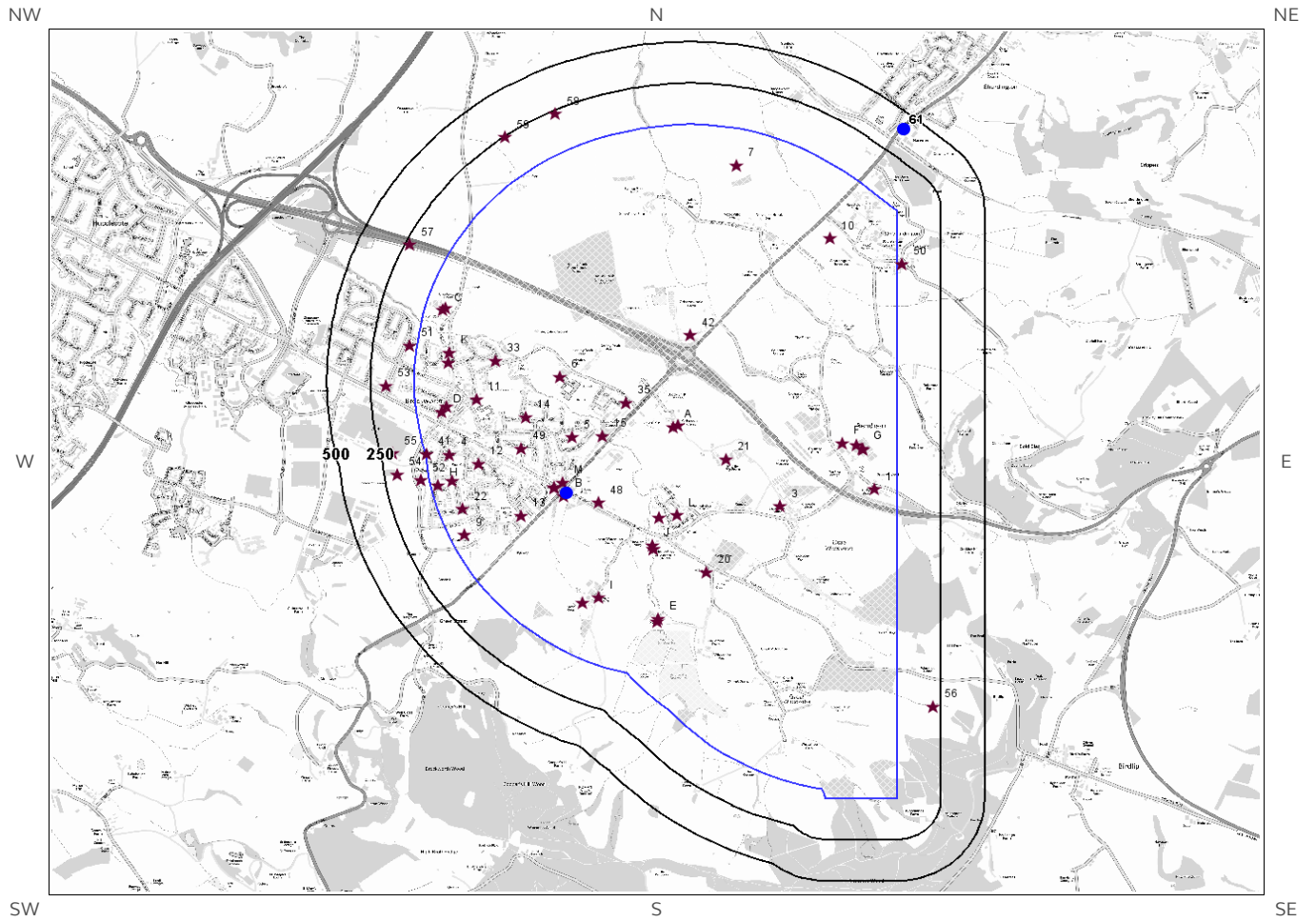
ID	Distance (m)	Direction	NGR	Details
21C	0	On Site	391181 217988	<p>Site Address: Shurdington Road, Shurdington, Cheltenham, Gloucestershire, GL51 4UH Type: HCI Waste TS (no building) Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: ELL026 EPR reference: EA/EPR/ Operator: Elliot And Sons Ltd Waste Management licence No: 100868 Annual Tonnage: 0.0</p> <p>Issue Date: 20/03/2009 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued Site Name: Land At Shurdington Road Correspondence Address: Stella Way, Bishops Cleeve, Cheltenham, Gloucestershire, GL52 7DQ</p>
22C	0	On Site	391181 217988	<p>Site Address: Shurdington Road, Shurdington, Cheltenham, Gloucestershire, GL51 4UH Type: HCI Waste TS (no building) Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: ELL026 EPR reference: BP3092EQ/A001 Operator: Elliot & Sons Ltd Waste Management licence No: 100868 Annual Tonnage: 0.0</p> <p>Issue Date: 20/03/2009 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued Site Name: Land At Shurdington Road Correspondence Address: -</p>
23D	0	On Site	389487 215601	<p>Site Address: Water Mead Meadow, Painswick Rd, Witcombe, Glos Type: Landfill taking Non-Biodegradable Wastes Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: BUR003 EPR reference: - Operator: H Burford, M S Burford, M T Burford & M P Burford Waste Management licence No: 48183 Annual Tonnage: 10000.0</p> <p>Issue Date: 12/07/1993 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued Site Name: Water Mead Meadow Landfill Correspondence Address: The Croft, Witcombe, Glos, GL3 4SZ</p>
24C	0	On Site	391162 217983	<p>Site Address: Land At, Shurdington Road, Shurdington, Cheltenham, Gloucestershire, GL51 4UH Type: Household, Commercial & Industrial Waste T Stn Size: >= 25000 tonnes < 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: ELL053 EPR reference: EA/EPR/HP3193VS/V002 Operator: Elliotts (Cheltenham) Ltd Waste Management licence No: 100868 Annual Tonnage: 40000.0</p> <p>Issue Date: 20/03/2009 Effective Date: 29/06/2010 Modified: 27/06/2012 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified Site Name: Land At Shurdington Road Correspondence Address: -</p>
25C	0	On Site	391162 217983	<p>Site Address: Land At, Shurdington Road, Shurdington, Cheltenham,</p> <p>Issue Date: 20/03/2009 Effective Date: 29/06/2010</p>

ID	Distance (m)	Direction	NGR	Details
				<p>Gloucestershire, GL51 4UH Type: Household, Commercial & Industrial Waste T Stn Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: ELL053 EPR reference: EA/EPR/HP3193VS/V002 Operator: Elliotts (Cheltenham) Ltd Waste Management licence No: 100868 Annual Tonnage: 40000.0</p> <p>Modified: 27/06/2012 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified Site Name: Land At Shurdington Road Correspondence Address: -</p>
26D	0	On Site	389494 215610	<p>Site Address: Burford & Sons, Painswick Road, Brockworth, Witcombe, Gloucestershir Type: Landfill taking Non-Biodegradeable Wastes Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: BUR003 EPR reference: EA/EPR/LP3398CB/V002 Operator: Burford H, Burford M S, Burford M T And Burford M P Waste Management licence No: 48183 Annual Tonnage: 17820.0</p> <p>Issue Date: 12/07/1993 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Closure Site Name: Burfords, Watermead Meadow Correspondence Address: -</p>
27C	0	On Site	391170 218014	<p>Site Address: Land / Premises At, Shurdington Road, Shurdington, Cheltenham, Gloucestershire, GL51 4UH Type: HCI Waste TS (no building) Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: ELL053 EPR reference: EA/EPR/HP3193VS/T001 Operator: Elliotts (Cheltenham) Ltd Waste Management licence No: 100868 Annual Tonnage: 4999.0</p> <p>Issue Date: 20/03/2009 Effective Date: 29/06/2010 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Transferred Site Name: Land At Shurdington Road Correspondence Address: -</p>
28E	0	On Site	389816 217235	<p>Site Address: Brockworth Bypass, Land North Of A417, Gloucestershir Type: Landfill taking Non-Biodegradeable Wastes Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: JON001 EPR reference: EA/EPR/DP3898LC/A001 Operator: John Jones (Excavation) Ltd Waste Management licence No: 48050 Annual Tonnage: 150000.0</p> <p>Issue Date: 01/07/1994 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Closure Site Name: Brockworth Bypass Correspondence Address: -</p>
29E	0	On Site	389816 217235	<p>Site Address: Brockworth Bypass, Land North Of A417, Gloucestershire Type: Landfill taking Non-Biodegradeable Wastes Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: JON001 EPR reference: EA/EPR/DP3898LC/A001 Operator: John Jones (Excavation) Limited Waste Management licence No: 48050 Annual Tonnage: 150000.0</p> <p>Issue Date: 01/07/1994 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Closure Site Name: Brockworth Bypass Correspondence Address: -</p>
30E	0	On Site	389816 217235	<p>Site Address: Brockworth Bypass, Land North Of A417, Gloucestershire Type: Landfill taking Non-Biodegradeable Wastes Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: JON001 EPR reference: - Operator: John Jones Excavation Ltd</p> <p>Issue Date: 01/07/1994 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued Site Name: - Correspondence Address: Norjon House,</p>

ID	Distance (m)	Direction	NGR	Details	
				Waste Management licence No: 48050 Annual Tonnage: 0.0	Newby Road, Hazel Grove, Stockport, SK7 5DU
31E	0	On Site	389816 217235	Site Address: Brockworth Bypass, Land North Of A417, Gloucestershire Type: Landfill taking Non-Biodegradable Wastes Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: JON001 EPR reference: - Operator: John Jones (Excavation) Limited Waste Management licence No: 48050 Annual Tonnage: 150000.0	Issue Date: 7/1/1994 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Closure Site Name: Brockworth Bypass Correspondence Address: Astral House, Imperial Way, Watford, Hertfordshire, WD24 4WW
32E	0	On Site	389816 217235	Site Address: Brockworth Bypass, Land North Of A417, Gloucestershire Type: Landfill taking Non-Biodegradable Wastes Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: JON001 EPR reference: - Operator: John Jones Excavation Ltd Waste Management licence No: 48050 Annual Tonnage: 0.0	Issue Date: 01/07/1994 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Closure Site Name: Brockworth Bypass Correspondence Address: Norjon House, Newby Road, Hazel Grove, Stockport, SK7 5DU
33D	0	On Site	389500 215600	Site Address: Water Mead Meadow, Painswick Rd, Witcombe, Glos Type: Landfill taking Non-Biodegradable Wastes Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: BUR003 EPR reference: - Operator: H Burford, M S Burford, M T Burford & M P Burford Waste Management licence No: 48183 Annual Tonnage: 10000.0	Issue Date: 12/07/1993 Effective Date: - Modified: 28/03/2001 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified Site Name: Water Mead Meadow Correspondence Address: The Croft, Witcombe, Glos, GL3 4SZ
34D	0	On Site	389500 215600	Site Address: Painswick Road, Watermead Meadow, Witcombe, Glos Type: Landfill taking Non-Biodegradable Wastes Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: BUR003 EPR reference: - Operator: H Burford, M S Burford, M T Burford and M P Burford Waste Management licence No: 48183 Annual Tonnage: 17820.0	Issue Date: 12/07/1993 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified Site Name: Watermead Meadow Correspondence Address: The Croft, Witcombe, Glos, GL3 4SZ
35F	0	On Site	390864 217975	Site Address: Shurdington, Gloucestershire Type: Landfill taking Non-Biodegradable Wastes Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: CAP001 EPR reference: - Operator: Capaldi Plant Hire Limited Waste Management licence No: 48027 Annual Tonnage: 0.0	Issue Date: 16/08/1993 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Closure Site Name: Brook Villa Farm Correspondence Address: Pillar House, 113/115, Bath Road, Cheltenham, Gloucestershire, GL53 7LS
36F	0	On Site	390864 217975	Site Address: Shurdington, Gloucestershire Type: Landfill taking Non-Biodegradable Wastes Size: >= 75000 tonnes Environmental Permitting Regulations	Issue Date: 16/08/1993 Effective Date: - Modified: - Surrendered Date: - Expiry Date: -

ID	Distance (m)	Direction	NGR	Details
				<p>(Waste) Licence Number: CAP001 EPR reference: - Operator: Capaldi & Sons Transport Ltd Waste Management licence No: 48027 Annual Tonnage: 0.0</p> <p>Cancelled Date: - Status: Issued Site Name: Brook Villa Farm Correspondence Address: Malvern View Business Park, Bishops Cleeve, Cheltenham, Gloucestershire, GL52 4DQ</p>
37G	0	On Site	391194 217102	<p>Site Address: Land To The Rear Of The Elms, Bentham, Cheltenham, Glos, GL51 4TZ Type: Use of waste for reclamation etc <50,000 tps Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: SMI134 EPR reference: EA/EPR/MB3838RW/S002 Operator: Smiths (Gloucester) Limited Waste Management licence No: 104977 Annual Tonnage: 0.0</p> <p>Issue Date: 25/01/2013 Effective Date: - Modified: - Surrendered Date: 11/09/2013 Expiry Date: - Cancelled Date: - Status: Surrendered Site Name: Land To The Rear Of The Elms Correspondence Address: -</p>
38G	0	On Site	391194 217102	<p>Site Address: Land To The Rear Of The Elms, Bentham, Cheltenham, Gloucestershire, GL51 4TZ Type: Use of waste for reclamation etc <50,000 tps Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: SMI134 EPR reference: EA/EPR/MB3838RW/S002 Operator: Smiths (Gloucester) Limited Waste Management licence No: 104977 Annual Tonnage: 0.0</p> <p>Issue Date: 25/01/2013 Effective Date: - Modified: - Surrendered Date: Sep 11 2013 12:00AM Expiry Date: - Cancelled Date: - Status: Surrendered Site Name: Land To The Rear Of The Elms Correspondence Address: -</p>
39H	30	NE	391531 217875	<p>Site Address: Brook Villa Farm, Sandy Pluck Lane, Shurington, Cheltenham, Gloucestershire, GL51 4UB Type: Landfill taking Non-Biodegradable Wastes Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: CAP001 EPR reference: EA/EPR/CP3495CC/A001 Operator: Capaldi Plant Hire Ltd Waste Management licence No: 48027 Annual Tonnage: 5501.0</p> <p>Issue Date: 16/08/1993 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Revoked Site Name: Brook Villa Farm Landfill Site Correspondence Address: -</p>
40H	30	NE	391531 217875	<p>Site Address: Brook Villa Farm, Sandy Pluck Lane, Shurington, Cheltenham, Gloucestershire, GL51 4UB Type: Landfill taking Non-Biodegradable Wastes Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: CAP001 EPR reference: EA/EPR/CP3495CC/A001 Operator: Capaldi Plant Hire Limited Waste Management licence No: 48027 Annual Tonnage: 5501.0</p> <p>Issue Date: 16/08/1993 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Closure Site Name: Brook Villa Farm Landfill Site Correspondence Address: -</p>

4. Current Land Use Map



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-  Site Outline
-  Current Industrial Sites
-  Electricity Transmission Cables
-  Petrol & Fuel Sites
-  Gas Transmission Pipelines
-  Search Buffers (m)

4. Current Land Uses

4.1 Current Industrial Data

Records of potentially contaminative industrial sites within 250m of the study site:

59

The following records are represented as points on the Current Land Uses map.

ID	Distance (m)	Direction	Company	NGR	Address	Activity	Category
1	0	On Site	Whitcombe Supplies	391608 215987	Holly Brae, Crickley Hill, Witcombe, Gloucester, Gloucestershire, GL3 4UF	Catering and Non Specific Food Products	Foodstuffs
2I	0	On Site	Gloucester Mixfeeds	390025 215331	Droys Court, Cirencester Road, Brockworth, Gloucester, Gloucestershire, GL3 4TN	Animal Feeds, Pet Foods, Hay and Straw	Foodstuffs
3	0	On Site	Alexander & Angell Farms Ltd	391067 215885	Court Farm, Little Witcombe, Witcombe, Gloucester, Gloucestershire, GL3 4TU	Livestock Farming	Farming
4	0	On Site	Electricity Sub Station	389171 216196	Gloucestershire, GL3	Electrical Features	Infrastructure and Facilities
5	0	On Site	Electricity Sub Station	389876 216302	Gloucestershire, GL3	Electrical Features	Infrastructure and Facilities
6	0	On Site	Electricity Sub Station	389802 216667	Gloucestershire, GL3	Electrical Features	Infrastructure and Facilities
7	0	On Site	Refuse Tip (Disused)	390816 217946	Gloucestershire, GL51	Refuse Disposal Facilities	Infrastructure and Facilities
8B	0	On Site	Shell (UK) Ltd	389827 215946	Cirencester Road, Brockworth, Gloucester, Gloucestershire, GL3 4PL	Petrol and Fuel Stations	Road and Rail
9	0	On Site	Electricity Sub Station	389258 215710	Gloucestershire, GL3	Electrical Features	Infrastructure and Facilities
10	0	On Site	Radio Mast	391352 217504	Gloucestershire, GL51	Telecommunications Features	Infrastructure and Facilities
11	0	On Site	Electricity Sub Station	389325 216533	Gloucestershire, GL3	Electrical Features	Infrastructure and Facilities
12	0	On Site	Electricity Sub Station	389339 216142	Gloucestershire, GL3	Electrical Features	Infrastructure and Facilities
13	0	On Site	Electricity Sub Station	389582 215826	Gloucestershire, GL3	Electrical Features	Infrastructure and Facilities
14	0	On Site	Electricity Sub Station	389611 216423	Gloucestershire, GL3	Electrical Features	Infrastructure and Facilities
15	0	On Site	Pja Chauffeur Services	390047 216310	Berrington Lodge, Shurdington Road, Brockworth, Gloucester, Gloucestershire, GL3 4PS	Vehicle Hire and Rental	Hire Services
16L	0	On Site	Electricity Sub Station	390477 215830	Gloucestershire, GL3	Electrical Features	Infrastructure and Facilities
17E	0	On Site	Electricity	390367	Gloucestershire, GL3	Electrical Features	Infrastructure and

ID	Distance (m)	Direction	Company	NGR	Address	Activity	Category
			Sub Station	215203			Facilities
18A	0	On Site	Tank	390455 216363	Gloucestershire, GL3	Tanks (Generic)	Industrial Features
19A	0	On Site	Ardencote Piggery	390481 216373	Gloucestershire, GL3	Livestock Farming	Farming
20	0	On Site	Telephone Exchange	390645 215487	Gloucestershire, GL3	Telecommunications Features	Infrastructure and Facilities
21	0	On Site	Middle Pig Farm	390756 216170	Gloucestershire, GL3	Livestock Farming	Farming
22	0	On Site	Electricity Sub Station	389243 215867	Gloucestershire, GL3	Electrical Features	Infrastructure and Facilities
23B	0	On Site	Electricity Sub Station	389771 215995	Gloucestershire, GL3	Electrical Features	Infrastructure and Facilities
24H	0	On Site	Electricity Sub Station	389105 216012	Gloucestershire, GL3	Electrical Features	Infrastructure and Facilities
25B	0	On Site	Electricity Sub Station	389771 215997	Gloucestershire, GL3	Electrical Features	Infrastructure and Facilities
26G	0	On Site	Tank	391538 216233	Gloucestershire, GL3	Tanks (Generic)	Industrial Features
27D	0	On Site	Electricity Sub Station	389127 216457	Gloucestershire, GL3	Electrical Features	Infrastructure and Facilities
28C	0	On Site	Cotswold Pianocraft	389133 217071	Brockworth Court Farm, Court Road, Gloucester, Gloucestershire, GL3 4QU	Sports and Leisure Equipment Repair	Repair and Servicing
29C	0	On Site	R Eastwell	389146 217082	Tithe Barn Centre, Court Road, Brockworth, Gloucester, Gloucestershire, GL3 4QU	Furniture	Consumer Products
30D	0	On Site	T H Z Hydroponics	389155 216487	2, Court Road, Brockworth, Gloucester, Gloucestershire, GL3 4EP	Horticultural Equipment	Industrial Products
31E	0	On Site	Pumping House	390364 215184	Gloucestershire, GL3	Water Pumping Stations	Industrial Features
32K	0	On Site	Electricity Sub Station	389172 216814	Gloucestershire, GL3	Electrical Features	Infrastructure and Facilities
33	0	On Site	Electricity Sub Station	389434 216766	Gloucestershire, GL3	Electrical Features	Infrastructure and Facilities
34J	0	On Site	Houseferry Bridge Farm (Depot)	390334 215648	Gloucestershire, GL3	Container and Storage	Transport, Storage and Delivery
35	0	On Site	Electricity Sub Station	390181 216510	Gloucestershire, GL3	Electrical Features	Infrastructure and Facilities
36F	0	On Site	Tank	391422 216265	Gloucestershire, GL3	Tanks (Generic)	Industrial Features
37F	0	On Site	Works	391506 216255	Gloucestershire, GL3	Unspecified Works Or Factories	Industrial Features
38G	0	On Site	Tank	391541 216227	Gloucestershire, GL3	Tanks (Generic)	Industrial Features
39H	0	On Site	B & N Engineering	389186 216036	20, Green Acre, Brockworth, Gloucester, Gloucestershire, GL3 4NG	Cutting, Drilling and Welding Services	Construction Services
40I	0	On Site	Derek Pither Agriculture	389935 215298	Cirencester Road, Brockworth, Gloucester, Gloucestershire, GL3 4TN	Agricultural Contractors	Contract Services
41	0	On Site	Seabrook	389040	Ad-Astra, Seabrook Road,	Disability and Mobility	Consumer Products

ID	Distance (m)	Direction	Company	NGR	Address	Activity	Category
			Audiology	216201	Brockworth, Gloucester, Gloucestershire, GL3 4LY	Equipment	
42	0	On Site	Energy Projects Developments Ltd	390553 216919	Energy House, Shurdington Road, Bentham, Cheltenham, Gloucestershire, GL51 4UA	Special Purpose Machinery and Equipment	Industrial Products
43J	0	On Site	Sparrow Crane Hire Ltd	390342 215626	Horseferry Bridge, Cirencester Road, Witcombe, Gloucester, Gloucestershire, GL3 4SU	Construction and Tool Hire	Hire Services
44J	0	On Site	Cooper R J Transport Ltd	390342 215626	Horseferry Bridge, Cirencester Road, Witcombe, Gloucester, Gloucestershire, GL3 4SU	Container and Storage	Transport, Storage and Delivery
45M	0	On Site	Motor World	389821 216028	Crosshands Roundabout, Shurdington Road, Brockworth, Gloucester, Gloucestershire, GL3 4PH	Vehicle Parts and Accessories	Motoring
46K	0	On Site	County Carriers Ltd	389163 216751	47, Court Road, Brockworth, Gloucester, Gloucestershire, GL3 4ES	Distribution and Haulage	Transport, Storage and Delivery
47L	0	On Site	H Burford & Sons	390371 215815	The Croft, Witcombe, Gloucester, Gloucestershire, GL3 4SZ	Scrap Metal Merchants	Recycling Services
48	0	On Site	Spink's Signs	390027 215906	The Lilacs, Cirencester Road, Brockworth, Gloucester, Gloucestershire, GL3 4TL	Signs	Industrial Products
49	0	On Site	Stanley Refrigeration Services Ltd	389583 216233	149b, Ermin Street, Brockworth, Gloucester, Gloucestershire, GL3 4HG	Construction Completion Services	Construction Services
50	22	E	R & D C Motors	391765 217350	Yew Tree Farmhouse, Shurdington, Cheltenham, Gloucestershire, GL51 4TX	Vehicle Repair, Testing and Servicing	Repair and Servicing
51	43	W	Electricity Sub Station	388943 216858	Gloucestershire, GL3	Electrical Features	Infrastructure and Facilities
52	51	W	Toon Guitars	389005 216041	33, Green Street, Brockworth, Gloucester, Gloucestershire, GL3 4LU	Musical Instruments	Consumer Products
53	163	W	Electricity Sub Station	388808 216614	Gloucestershire, GL3	Electrical Features	Infrastructure and Facilities
54	180	W	Electricity Sub Station	388870 216076	Gloucestershire, GL3	Electrical Features	Infrastructure and Facilities
55	185	W	Tank	388842 216205	Gloucestershire, GL3	Tanks (Generic)	Industrial Features
56	201	E	Hydraulic Ram	391944 214674	Gloucestershire, GL4	Water Pumping Stations	Industrial Features
57	229	NW	Gantry	388941 217468	Gloucestershire, GL3	Travelling Cranes and Gantries	Industrial Features
58	231	NW	Pylon	389777 218257	Gloucestershire, GL3	Electrical Features	Infrastructure and Facilities
59	248	NW	Pylon	389492 218118	Gloucestershire, GL3	Electrical Features	Infrastructure and Facilities

4.2 Petrol and Fuel Sites

Records of petrol or fuel sites within 500m of the study site: 2

The following petrol or fuel site records provided by Catalist are represented as points on the Current Land Use map:

ID	Distance (m)	Direction	NGR	Company	Address	LPG	Status
60M	0	On Site	389843 215963	SHELL	Cirencester Road, Brockworth, Gloucester, Gloucestershire, GL3 4PL	No	Open
61	409	NE	391778 218164	OBSOLETE	Main Road, Shurdington, Cheltenham, Gloucestershire, GL51 4XJ	Not Applicable	Obsolete

4.3 National Grid High Voltage Underground Electricity Transmission Cables

This dataset identifies the high voltage electricity transmission lines running between generating power plants and electricity substations. The dataset does not include the electricity distribution network (smaller, lower voltage cables distributing power from substations to the local user network). This information has been extracted from databases held by National Grid and is provided for information only with no guarantee as to its completeness or accuracy. National Grid do not offer any warranty as to the accuracy of the available data and are excluded from any liability for any such inaccuracies or errors.

Records of National Grid high voltage underground electricity transmission cables within 500m of the study site: 0

Database searched and no data found.

4.4 National Grid High Pressure Gas Transmission Pipelines

This dataset identifies high-pressure, large diameter pipelines which carry gas between gas terminals, power stations, compressors and storage facilities. The dataset does not include the Local Transmission System (LTS) which supplies gas directly into homes and businesses. This information has been extracted from databases held by National Grid and is provided for information only with no guarantee as to its completeness or accuracy. National Grid do not offer any warranty as to the accuracy of the available data and are excluded from any liability for any such inaccuracies or errors.

Records of National Grid high pressure gas transmission pipelines within 500m of the study site: 0

Database searched and no data found.

5. Geology

5.1 Artificial Ground and Made Ground

Database searched and no data found.

The database has been searched on site, including a 50m buffer.

5.2 Superficial Ground and Drift Geology

The database has been searched on site, including a 50m buffer.

Lex Code	Description	Rock Type
CHSG-XSV	CHELTENHAM SAND AND GRAVEL	SAND AND GRAVEL
CHSG-XSV	CHELTENHAM SAND AND GRAVEL	SAND AND GRAVEL
CHSG-XSV	CHELTENHAM SAND AND GRAVEL	SAND AND GRAVEL
CHSG-XSV	CHELTENHAM SAND AND GRAVEL	SAND AND GRAVEL
CHSG-XSV	CHELTENHAM SAND AND GRAVEL	SAND AND GRAVEL
CHSG-XSV	CHELTENHAM SAND AND GRAVEL	SAND AND GRAVEL
CHSG-XSV	CHELTENHAM SAND AND GRAVEL	SAND AND GRAVEL
CHSG-XSV	CHELTENHAM SAND AND GRAVEL	SAND AND GRAVEL
CHSG-XSV	CHELTENHAM SAND AND GRAVEL	SAND AND GRAVEL
CHSG-XSV	CHELTENHAM SAND AND GRAVEL	SAND AND GRAVEL
CHSG-XSV	CHELTENHAM SAND AND GRAVEL	SAND AND GRAVEL
CHSG-XSV	CHELTENHAM SAND AND GRAVEL	SAND AND GRAVEL
CHSG-XSV	CHELTENHAM SAND AND GRAVEL	SAND AND GRAVEL
CHSG-XSV	CHELTENHAM SAND AND GRAVEL	SAND AND GRAVEL
CHSG-XSV	CHELTENHAM SAND AND GRAVEL	SAND AND GRAVEL

5.3 Bedrock and Solid Geology

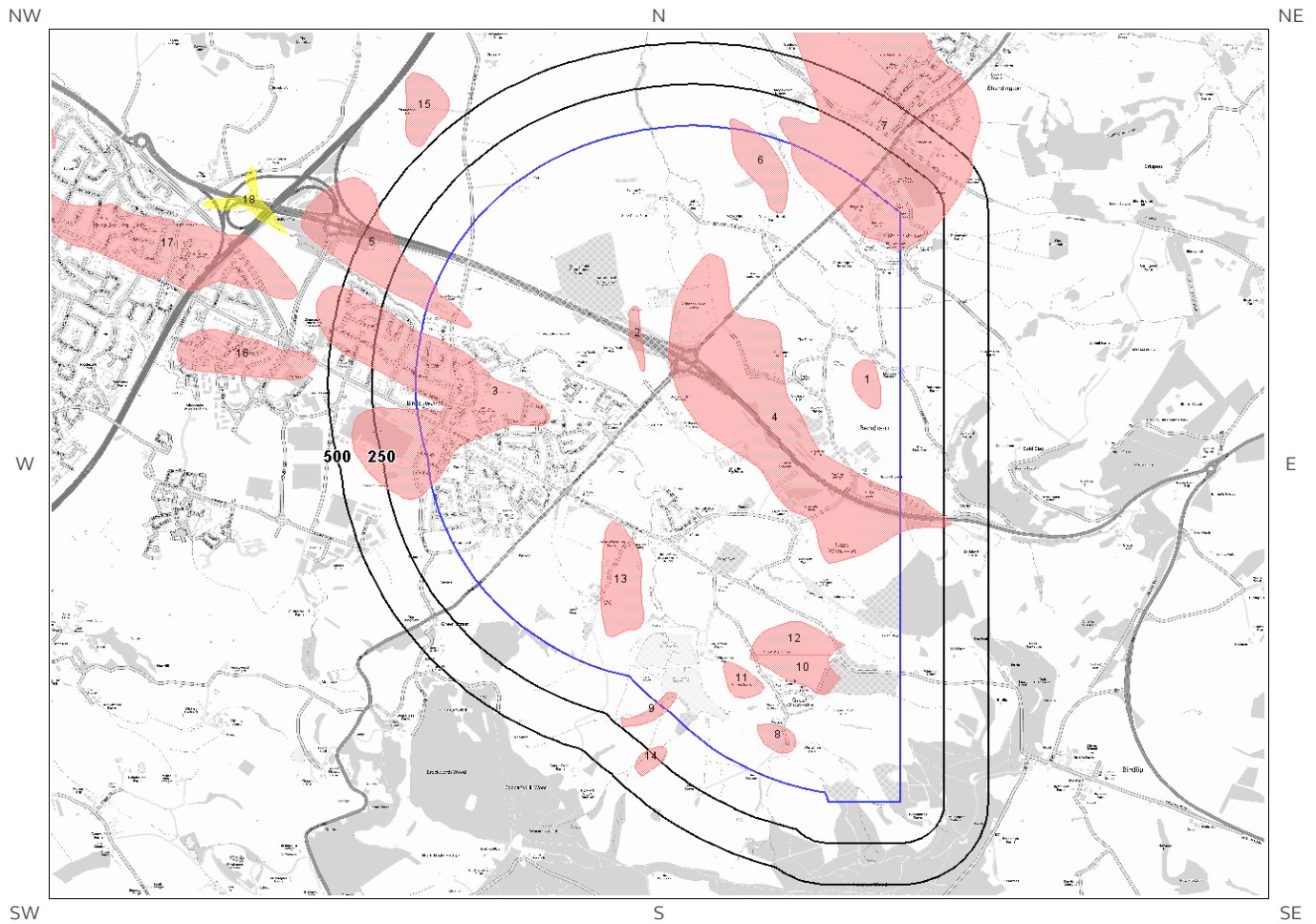
The database has been searched on site, including a 50m buffer.

Lex Code	Description	Rock Type
LIIO-LMAS	LIAS GROUP AND INFERIOR OOLITE GROUP (UNDIFFERENTIATED)	LIMESTONE, ARGILLACEOUS ROCKS AND SUBORDINATE SANDSTONE, INTERBEDDED
CHAM-MDST	CHARMOUTH MUDSTONE FORMATION	MUDSTONE

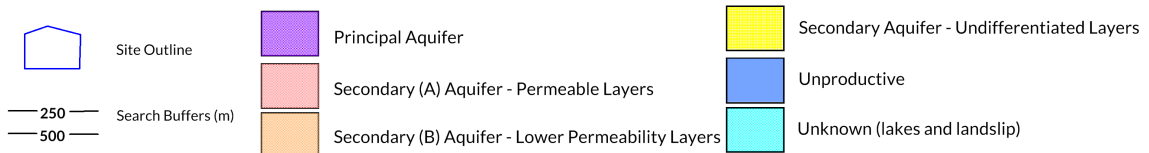
(Derived from the BGS 1:50,000 Digital Geological Map of Great Britain)

6 Hydrogeology and Hydrology

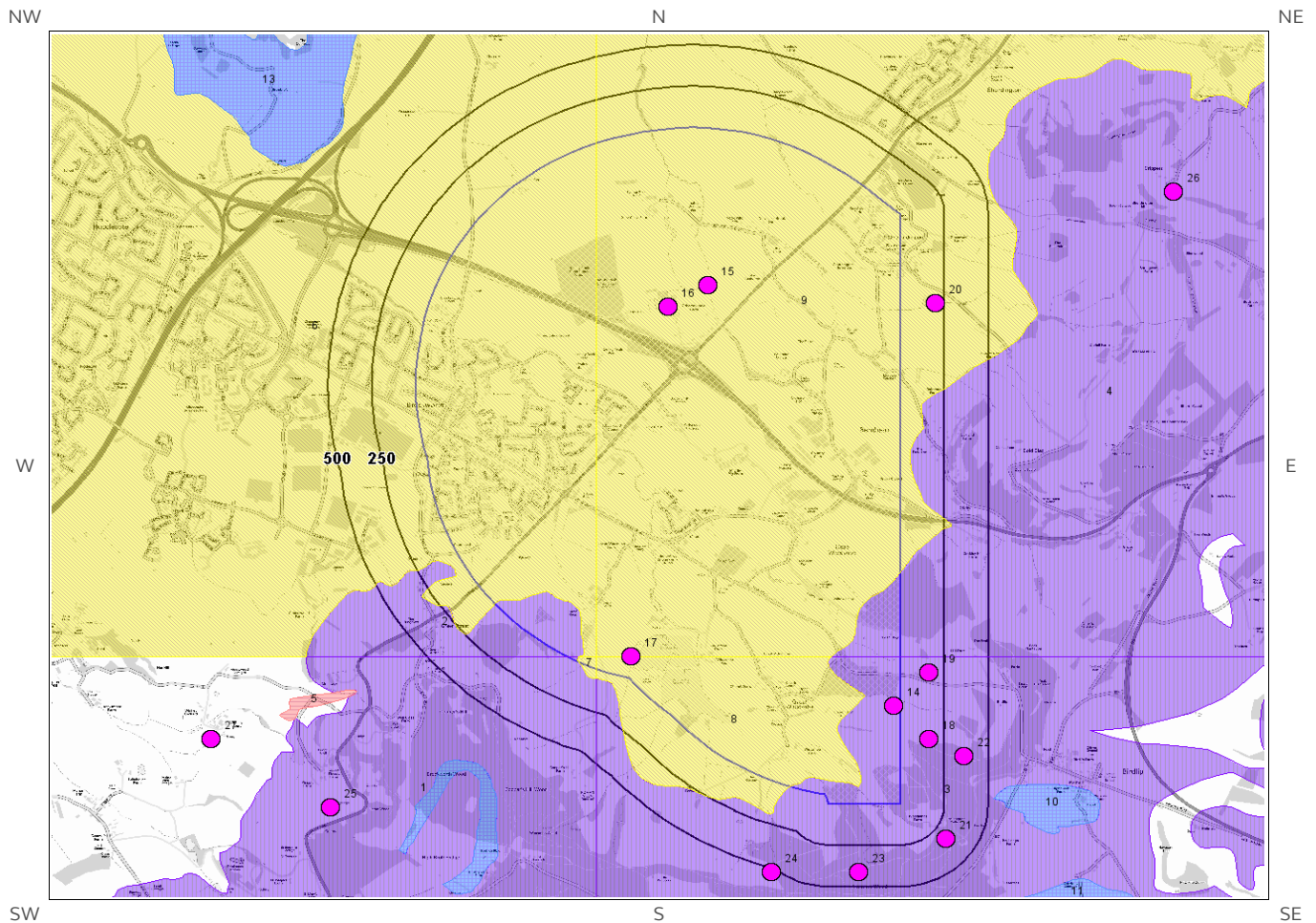
6a. Aquifer Within Superficial Geology



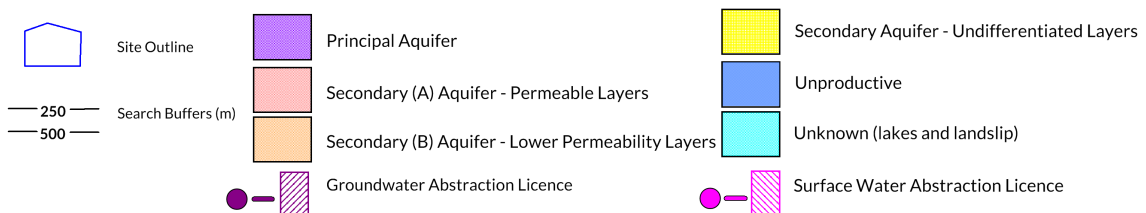
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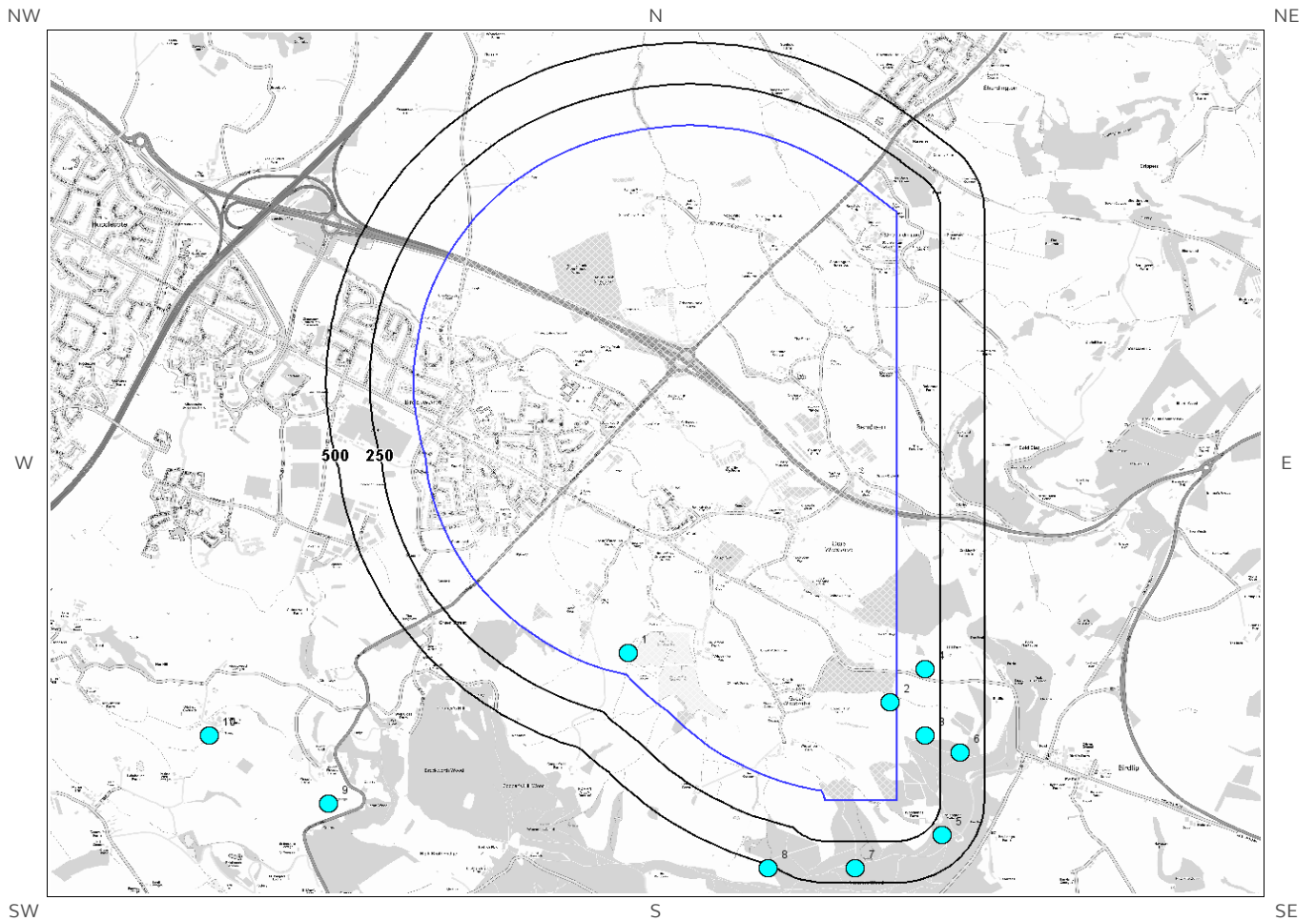
6b. Aquifer Within Bedrock Geology and Abstraction Licences



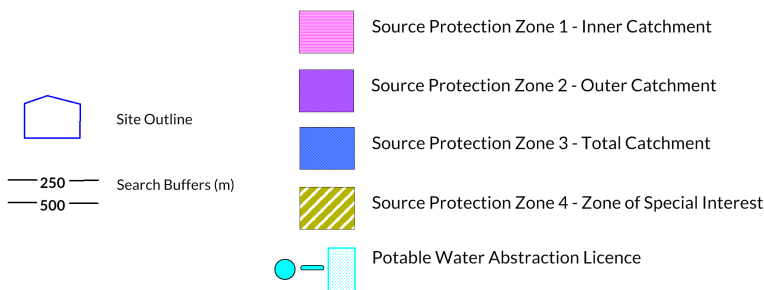
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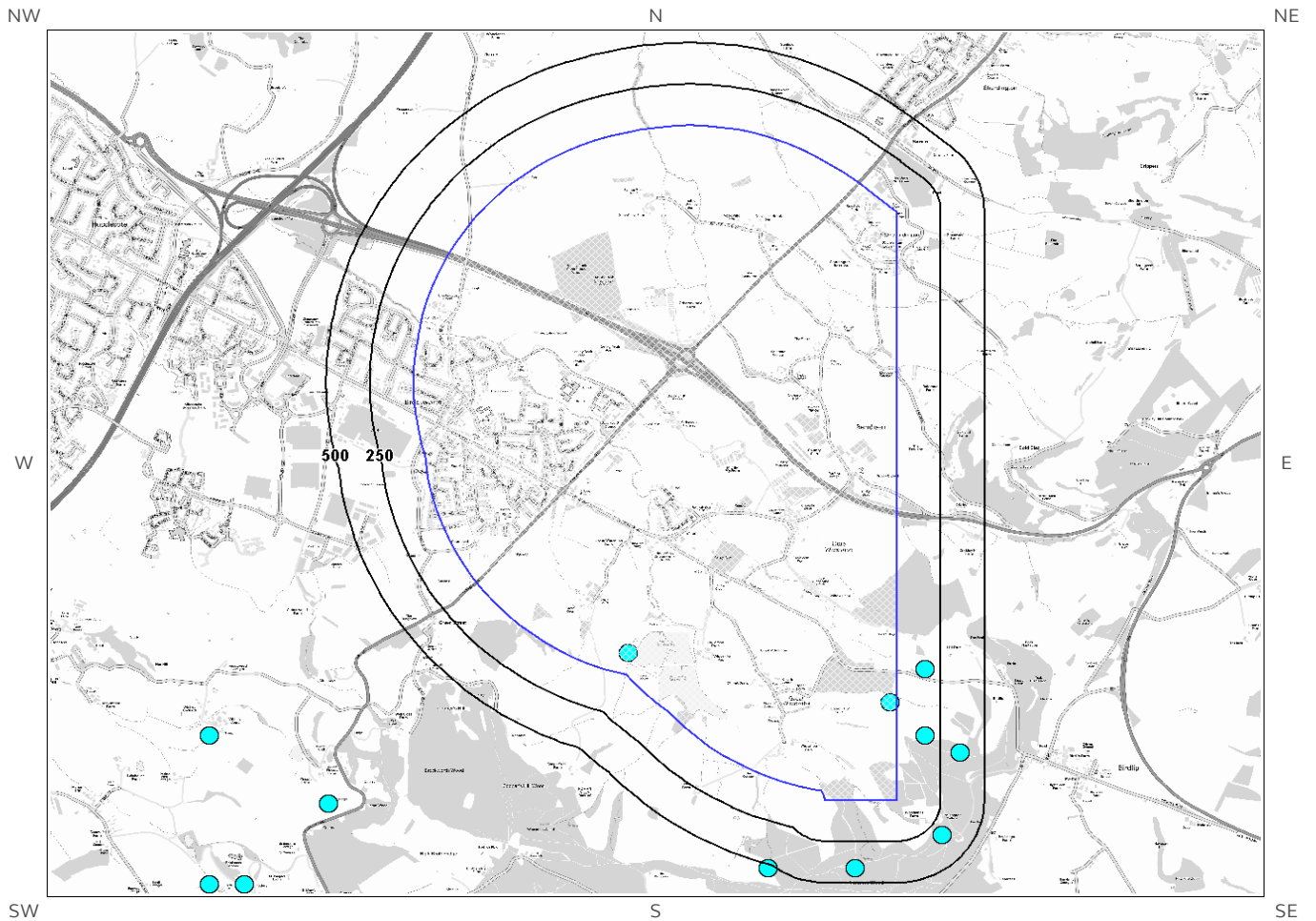
6c. Hydrogeology – Source Protection Zones and Potable Water Abstraction Licences



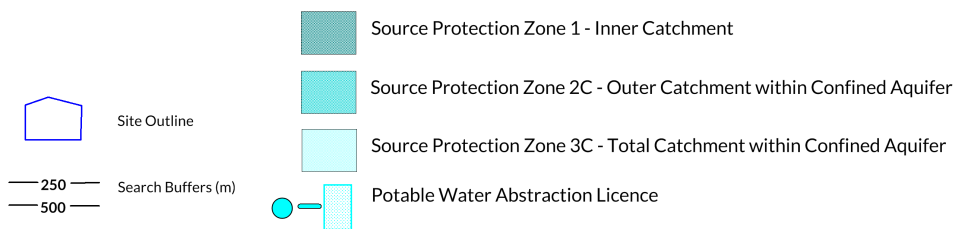
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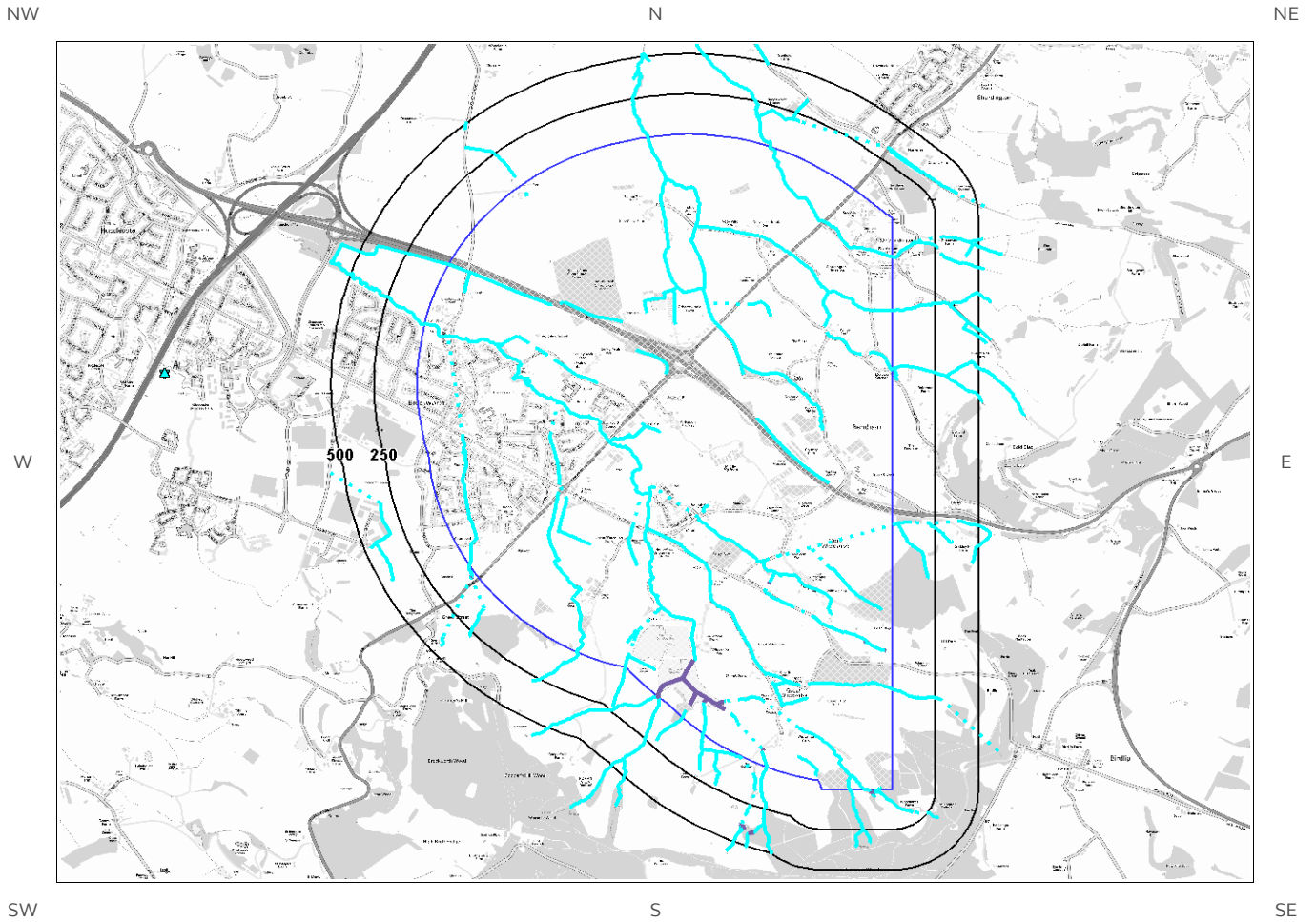
6d. Hydrogeology – Source Protection Zones within confined aquifer



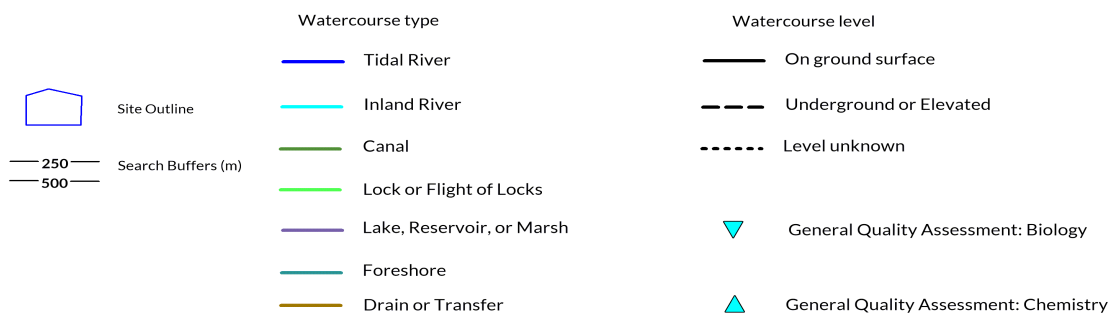
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6e. Hydrology – Watercourse Network and River Quality



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6. Hydrogeology and Hydrology

6.1 Aquifer within Superficial Deposits

Records of strata classification within the superficial geology at or in proximity to the property Yes

From 1 April 2010, the Environment Agency/Natural Resources Wales's Groundwater Protection Policy has been using aquifer designations consistent with the Water Framework Directive. For further details on the designation and interpretation of this information, please refer to the Groundsure Enviro Insight User Guide.

The following aquifer records are shown on the Aquifer within Superficial Geology Map (6a):

ID	Distance (m)	Direction	Designation	Description
1	0	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	0	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
3	0	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
4	0	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
5	0	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
6	0	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
7	0	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
8	0	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
9	0	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
10	0	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
11	0	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
12	0	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
13	0	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
14	175	SW	Secondary A	Permeable layers capable of supporting water supplies at a local rather than

ID	Distance (m)	Direction	Designation	Description
				strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers

6.2 Aquifer within Bedrock Deposits

Records of strata classification within the bedrock geology at or in proximity to the property Yes

From 1 April 2010, the Environment Agency/Natural Resources Wales's Groundwater Protection Policy has been using aquifer designations consistent with the Water Framework Directive. For further details on the designation and interpretation of this information, please refer to the Groundsure Enviro Insight User Guide.

The following aquifer records are shown on the Aquifer within Bedrock Geology Map (6b):

ID	Distance (m)	Direction	Designation	Description
1	0	On Site	Principal	Geology of high intergranular and/or fracture permeability, usually providing a high level of water storage and may support water supply/river base flow on a strategic scale. Generally principal aquifers were previously major aquifers
2	0	On Site	Principal	Geology of high intergranular and/or fracture permeability, usually providing a high level of water storage and may support water supply/river base flow on a strategic scale. Generally principal aquifers were previously major aquifers
3	0	On Site	Principal	Geology of high intergranular and/or fracture permeability, usually providing a high level of water storage and may support water supply/river base flow on a strategic scale. Generally principal aquifers were previously major aquifers
4	0	On Site	Principal	Geology of high intergranular and/or fracture permeability, usually providing a high level of water storage and may support water supply/river base flow on a strategic scale. Generally principal aquifers were previously major aquifers
6	0	On Site	Secondary (undifferentiated)	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type
7	0	On Site	Secondary (undifferentiated)	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type
8	0	On Site	Secondary (undifferentiated)	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type
9	0	On Site	Secondary (undifferentiated)	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type

6.3 Groundwater Abstraction Licences

Groundwater Abstraction Licences within 2000m of the study site None identified

Database searched and no data found.

6.4 Surface Water Abstraction Licences

Surface Water Abstraction Licences within 2000m of the study site

Identified

The following Surface Water Abstraction Licences records are represented as points, lines and regions on the Aquifer within Bedrock Geology Map (6b):

ID	Distance (m)	Direction	NGR	Details
14	0	On Site	391700 214700	<p>Status: Historical Licence No: 18/54/20/0227 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Surface Water Midlands Region Point: WITCOMBE PARK, GLOUCESTERSHIRE - SPRING FED RESERVOIR Data Type: Point Name: TRUSTEES OF THE WITCOMBE ESTATE</p> <p>Annual Volume (m³): - Max Daily Volume (m³): - Application No: - Original Start Date: 27/01/1967 Expiry Date: - Issue No: 101 Version Start Date: 28/08/2002 Version End Date:</p>
15	0	On Site	390640 217240	<p>Status: Historical Licence No: 18/54/20/0398 Details: Spray Irrigation - Storage Direct Source: Surface Water Midlands Region Point: PRIMROSE VALE, BROCKWORTH - NORMANS BROOK Data Type: Point Name: ALEXANDER AND ANGELL LTD</p> <p>Annual Volume (m³): 18185 Max Daily Volume (m³): 200 Application No: - Original Start Date: 28/09/1998 Expiry Date: 31/03/2018 Issue No: 100 Version Start Date: 28/09/1998 Version End Date:</p>
16	0	On Site	390410 217110	<p>Status: Active Licence No: 18/54/20/0333 Details: Spray Irrigation - Direct Direct Source: Surface Water Midlands Region Point: BADGEWORTH, GLOUCESTERSHIRE - LAND-DRAINS FED RESERVOIR Data Type: Point Name: ALEXANDER AND ANGELL LTD</p> <p>Annual Volume (m³): 14773 Max Daily Volume (m³): 164 Application No: - Original Start Date: 20/05/1980 Expiry Date: - Issue No: 100 Version Start Date: 28/09/1998 Version End Date:</p>
17	0	On Site	390200 215000	<p>Status: Active Licence No: 18/54/20/0116 Details: Potable Water Supply - Direct Direct Source: Surface Water Midlands Region Point: WITCOMBE BROOK, ABBOTS WOOD BROOK AND OTHER INLAND WATERS Data Type: Point Name: Severn Trent Water Ltd</p> <p>Annual Volume (m³): 500000 Max Daily Volume (m³): 8728.32 Application No: - Original Start Date: 28/06/1966 Expiry Date: - Issue No: 103 Version Start Date: 22/10/2010 Version End Date:</p>
18	157	E	391900 214500	<p>Status: Historical Licence No: 18/54/20/0227 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Surface Water Midlands Region Point: WITCOMBE PARK, GLOUCESTERSHIRE - SPRING FED RESERVOIR Data Type: Point Name: TRUSTEES OF THE WITCOMBE ESTATE</p> <p>Annual Volume (m³): - Max Daily Volume (m³): - Application No: - Original Start Date: 27/01/1967 Expiry Date: - Issue No: 101 Version Start Date: 28/08/2002 Version End Date:</p>
19	157	E	391900 214900	<p>Status: Historical Licence No: 18/54/20/0228 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Surface Water Midlands Region Point: WITCOMBE PARK, GLOUCESTERSHIRE - CATCHPIT Data Type: Point Name: TRUSTEES OF THE WITCOMBE ESTATE</p> <p>Annual Volume (m³): - Max Daily Volume (m³): - Application No: - Original Start Date: 27/01/1967 Expiry Date: - Issue No: 101 Version Start Date: 28/08/2002 Version End Date:</p>
20	197	E	391940 217130	<p>Status: Historical Licence No: 18/54/20/0386</p> <p>Annual Volume (m³): - Max Daily Volume (m³): -</p>

ID	Distance (m)	Direction	NGR	Details
				<p>Details: Lake & Pond Throughflow Direct Source: Surface Water Midlands Region Point: LITTLE SHURDINGTON, GLOUCESTERSHIRE - NORMANS BROOK Data Type: Point Name: KERBY</p> <p>Application No: - Original Start Date: 21/04/1994 Expiry Date: - Issue No: 101 Version Start Date: 23/03/2003 Version End Date:</p>
21	335	SE	392000 213900	<p>Status: Historical Licence No: 18/54/20/0229 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Surface Water Midlands Region Point: WITCOMBE PARK, GLOUCESTERSHIRE - SPRING FED CATCHPIT Data Type: Point Name: TRUSTEES OF THE WITCOMBE ESTATE</p> <p>Annual Volume (m³): - Max Daily Volume (m³): - Application No: - Original Start Date: 27/01/1967 Expiry Date: - Issue No: 101 Version Start Date: 28/08/2002 Version End Date:</p>
22	357	E	392100 214400	<p>Status: Historical Licence No: 18/54/20/0227 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Surface Water Midlands Region Point: WITCOMBE PARK, GLOUCESTERSHIRE - SPRING FED RESERVOIR Data Type: Point Name: TRUSTEES OF THE WITCOMBE ESTATE</p> <p>Annual Volume (m³): - Max Daily Volume (m³): - Application No: - Original Start Date: 27/01/1967 Expiry Date: - Issue No: 101 Version Start Date: 28/08/2002 Version End Date:</p>
23	416	S	391500 213700	<p>Status: Historical Licence No: 18/54/20/0226 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Surface Water Midlands Region Point: WITCOMBE PARK, GLOUCESTERSHIRE - SPRING FED CATCHPIT (1) Data Type: Point Name: TRUSTEES OF THE WITCOMBE ESTATE</p> <p>Annual Volume (m³): - Max Daily Volume (m³): - Application No: - Original Start Date: 27/01/1967 Expiry Date: - Issue No: 101 Version Start Date: 28/08/2002 Version End Date:</p>
24	529	S	391000 213700	<p>Status: Historical Licence No: 18/54/20/0226 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Surface Water Midlands Region Point: WITCOMBE PARK, GLOUCESTERSHIRE - SPRING FED CATCHPIT (2) Data Type: Point Name: TRUSTEES OF THE WITCOMBE ESTATE</p> <p>Annual Volume (m³): - Max Daily Volume (m³): - Application No: - Original Start Date: 27/01/1967 Expiry Date: - Issue No: 101 Version Start Date: 28/08/2002 Version End Date:</p>
25	1538	SW	388480 214090	<p>Status: Historical Licence No: 18/54/20/0387 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: Surface Water Midlands Region Point: PINCOTT FARM, GLOUCESTER - SPRING Data Type: Point Name: TIBBLES</p> <p>Annual Volume (m³): - Max Daily Volume (m³): - Application No: - Original Start Date: 01/08/1994 Expiry Date: - Issue No: 100 Version Start Date: 27/01/1999 Version End Date:</p>
26	1562	E	393300 217800	<p>Status: Historical Licence No: 18/54/20/0068 Details: General Farming & Domestic Direct Source: Surface Water Midlands Region Point: CRIPPETTS FARM, LECKHAMPTON, GLOUCESTERSHIRE - SPRING Data Type: Point Name: MERRETT</p> <p>Annual Volume (m³): - Max Daily Volume (m³): - Application No: - Original Start Date: 28/03/1966 Expiry Date: - Issue No: 100 Version Start Date: 01/09/1976 Version End Date:</p>
27	1788	SW	387800 214500	<p>Status: Historical Licence No: 18/54/20/0098 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household</p> <p>Annual Volume (m³): - Max Daily Volume (m³): - Application No: - Original Start Date: 27/05/1966</p>

ID	Distance (m)	Direction	NGR	Details
				Direct Source: Surface Water Midlands Region Point: WHITLEY COURT,UPTON ST LEONARDS, GLOUCESTERSHIRE - SPRINGS Data Type: Point Name: RE SEEX & SON Expiry Date: - Issue No: 100 Version Start Date: 18/09/1995 Version End Date:

6.5 Potable Water Abstraction Licences

Potable Water Abstraction Licences within 2000m of the study site

Identified

The following Potable Water Abstraction Licences records are represented as points, lines and regions on the SPZ and Potable Water Abstraction Licences Map (6c):

ID	Distance (m)	Direction	NGR	Details
1	0	On Site	390200 215000	Status: Active Licence No: 18/54/20/0116 Details: Potable Water Supply - Direct Direct Source: Surface Water Midlands Region Point: WITCOMBE BROOK, ABBOTS WOOD BROOK AND OTHER INLAND WATERS Data Type: Point Name: Severn Trent Water Ltd Annual Volume (m ³): 500000 Max Daily Volume (m ³): 8728.32 Original Application No: - Original Start Date: 28/06/1966 Expiry Date: - Issue No: 103 Version Start Date: Version End Date:
2	0	On Site	391700 214700	Status: Historical Licence No: 18/54/20/0227 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Surface Water Midlands Region Point: WITCOMBE PARK, GLOUCESTERSHIRE - SPRING FED RESERVOIR Data Type: Point Name: TRUSTEES OF THE WITCOMBE ESTATE Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 27/01/1967 Expiry Date: - Issue No: 101 Version Start Date: Version End Date:
3	157	E	391900 214500	Status: Historical Licence No: 18/54/20/0227 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Surface Water Midlands Region Point: WITCOMBE PARK, GLOUCESTERSHIRE - SPRING FED RESERVOIR Data Type: Point Name: TRUSTEES OF THE WITCOMBE ESTATE Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 27/01/1967 Expiry Date: - Issue No: 101 Version Start Date: Version End Date:
4	157	E	391900 214900	Status: Historical Licence No: 18/54/20/0228 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Surface Water Midlands Region Point: WITCOMBE PARK, GLOUCESTERSHIRE - CATCHPIT Data Type: Point Name: TRUSTEES OF THE WITCOMBE ESTATE Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 27/01/1967 Expiry Date: - Issue No: 101 Version Start Date: Version End Date:
5	335	SE	392000 213900	Status: Historical Licence No: 18/54/20/0229 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Surface Water Midlands Region Point: WITCOMBE PARK, GLOUCESTERSHIRE - SPRING FED CATCHPIT Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 27/01/1967 Expiry Date: - Issue No: 101 Version Start Date: Version End Date:

ID	Distance (m)	Direction	NGR	Details
				Data Type: Point Name: TRUSTEES OF THE WITCOMBE ESTATE
6	357	E	392100 214400	Status: Historical Licence No: 18/54/20/0227 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Surface Water Midlands Region Point: WITCOMBE PARK, GLOUCESTERSHIRE - SPRING FED RESERVOIR Data Type: Point Name: TRUSTEES OF THE WITCOMBE ESTATE Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 27/01/1967 Expiry Date: - Issue No: 101 Version Start Date: Version End Date:
7	416	S	391500 213700	Status: Historical Licence No: 18/54/20/0226 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Surface Water Midlands Region Point: WITCOMBE PARK, GLOUCESTERSHIRE - SPRING FED CATCHPIT (1) Data Type: Point Name: TRUSTEES OF THE WITCOMBE ESTATE Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 27/01/1967 Expiry Date: - Issue No: 101 Version Start Date: Version End Date:
8	529	S	391000 213700	Status: Historical Licence No: 18/54/20/0226 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Surface Water Midlands Region Point: WITCOMBE PARK, GLOUCESTERSHIRE - SPRING FED CATCHPIT (2) Data Type: Point Name: TRUSTEES OF THE WITCOMBE ESTATE Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 27/01/1967 Expiry Date: - Issue No: 101 Version Start Date: Version End Date:
9	1538	SW	388480 214090	Status: Historical Licence No: 18/54/20/0387 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: Surface Water Midlands Region Point: PINCOTT FARM, GLOUCESTER - SPRING Data Type: Point Name: TIBBLES Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 01/08/1994 Expiry Date: - Issue No: 100 Version Start Date: Version End Date:
10	1788	SW	387800 214500	Status: Historical Licence No: 18/54/20/0098 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: Surface Water Midlands Region Point: WHITLEY COURT, UPTON ST LEONARDS, GLOUCESTERSHIRE - SPRINGS Data Type: Point Name: R E SEEX & SON Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 27/05/1966 Expiry Date: - Issue No: 100 Version Start Date: Version End Date:

6.6 Source Protection Zones

Source Protection Zones within 500m of the study site

None identified

Database searched and no data found.

6.7 Source Protection Zones within Confined Aquifer

Source Protection Zones within the Confined Aquifer within 500m of the study site None identified

Historically, Source Protection Zone maps have been focused on regulation of activities which occur at or near the ground surface, such as prevention of point source pollution and bacterial contamination of water supplies. Sources in confined aquifers were often considered to be protected from these surface pressures due to the presence of a low permeability confining layer (e.g. glacial till, clay). The increased interest in subsurface activities such as onshore oil and gas exploration, ground source heating and cooling requires protection zones for confined sources to be marked on SPZ maps where this has not already been done.

Database searched and no data found.

6.8 Groundwater Vulnerability and Soil Leaching Potential

Environment Agency/Natural Resources Wales information on groundwater vulnerability and soil leaching potential within 500m of the study site Identified

Distance (m)	Direction	Classification	Soil Vulnerability Category	Description
0	On Site	Minor Aquifer/Intermediate Leaching Potential	I1	Soils which can possibly transmit a wide range of pollutants.
0	On Site	Minor Aquifer/Low Leaching Potential	L	Soils in which pollutants are unlikely to penetrate the soil layer because either water movement is largely horizontal, or they have the ability to attenuate diffuse pollutants.
0	On Site	Minor Aquifer/Intermediate Leaching Potential	I1	Soils which can possibly transmit a wide range of pollutants.
0	On Site	Minor Aquifer/Low Leaching Potential	L	Soils in which pollutants are unlikely to penetrate the soil layer because either water movement is largely horizontal, or they have the ability to attenuate diffuse pollutants.
0	On Site	Minor Aquifer/Intermediate Leaching Potential	I1	Soils which can possibly transmit a wide range of pollutants.
0	On Site	Minor Aquifer/High Leaching Potential	H3	Coarse textured or moderately shallow soils which readily transmit non-adsorbed pollutants and liquid discharges but have some ability to attenuate adsorbed pollutants because of their clay or organic matter content.
0	On Site	Minor Aquifer/High Leaching Potential	HU	Soil information for urban areas and restored mineral workings. These soils are therefore assumed to be highly permeable in the absence of site-specific information.
0	On Site	Minor Aquifer/Intermediate Leaching Potential	I1	Soils which can possibly transmit a wide range of pollutants.
0	On Site	Minor Aquifer/High Leaching Potential	H3	Coarse textured or moderately shallow soils which readily transmit non-adsorbed pollutants and liquid discharges but have some ability to attenuate adsorbed pollutants because of their clay or organic matter content.
0	On Site	Minor Aquifer/High Leaching Potential	H3	Coarse textured or moderately shallow soils which readily transmit non-adsorbed pollutants and liquid discharges but have some ability to attenuate adsorbed pollutants because of their clay or organic matter content.
0	On Site	Minor Aquifer/Intermediate Leaching Potential	I1	Soils which can possibly transmit a wide range of pollutants.
11	E	Minor Aquifer/Intermediate Leaching Potential	I1	Soils which can possibly transmit a wide range of pollutants.
190	SW	Minor Aquifer/High Leaching Potential	H1	Soils which readily transmit liquid discharges because they are shallow or susceptible to rapid flow directly to rock, gravel or groundwater.
210	SE	Major Aquifer/Low Leaching Potential	L	Soils in which pollutants are unlikely to penetrate the soil layer because either water movement is largely horizontal, or they have the ability to attenuate diffuse pollutants.
228	E	Major Aquifer/Low Leaching Potential	L	Soils in which pollutants are unlikely to penetrate the soil layer because either water movement is largely horizontal, or they have the ability to

Distance (m)	Direction	Classification	Soil Vulnerability Category	Description
				attenuate diffuse pollutants.
232	E	Major Aquifer/High Leaching Potential	H1	Soils which readily transmit liquid discharges because they are shallow or susceptible to rapid flow directly to rock, gravel or groundwater.
360	SW	Major Aquifer/High Leaching Potential	H1	Soils which readily transmit liquid discharges because they are shallow or susceptible to rapid flow directly to rock, gravel or groundwater.

6.9 River Quality

Environment Agency/Natural Resources Wales information on river quality within 1500m of the study site Identified

6.9.1 Biological Quality:

Biological Quality data describes water quality in terms of 83 groups of macroinvertebrates, some of which are pollution sensitive. The results are graded from A ('Very Good') to F ('Bad').

The following Biological Quality records are shown on the Hydrology Map (6e):

ID	Distance (m)	Direction	NGR	River Quality Grade	Biological Quality Grade				
					2005	2006	2007	2008	2009
325A	1471	W	387500 216700	River Name: Wotton Brook Reach: Below Trading Est To Cole Br Gloucester End/Start of Stretch: Start of Stretch NGR	D	D	D	D	C

6.9.2 Chemical Quality:

Chemical quality data is based on the General Quality Assessment Headline Indicators scheme (GQAH). In England, each chemical sample is measured for ammonia and dissolved oxygen. In Wales, the samples are measured for biological oxygen demand (BOD), ammonia and dissolved oxygen. The results are graded from A ('Very Good') to F ('Bad').

The following Chemical Quality records are shown on the Hydrology Map (6e):

ID	Distance (m)	Direction	NGR	River Quality Grade	Chemical Quality Grade				
					2005	2006	2007	2008	2009
326A	1471	W	387500 216700	River Name: Wotton Bk Reach: Below Trading Est To Cole Br Gloucester End/Start of Stretch: Start of Stretch NGR	C	B	B	B	B

6.10 Ordnance Survey MasterMap Water Network

Ordnance Survey MasterMap Water Network entries within 500m of the study site

This watercourse information is provided by Ordnance Survey MasterMap Water Network. The data provides a detailed centre line following the curve of the waterway precisely, so all distances provided in the report should be understood as measurements to the centreline rather than a measurement to the nearest point of the watercourse. Underground watercourses are inferred from entry and exit points so caution is advised in using these to indicate precise locations of underground watercourses when planning site investigation and development.

The following Ordnance Survey MasterMap Water Network records are represented on the Hydrology Map (6e):

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
1	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
2	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
3	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
4	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
5	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
6	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
7	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
8	0 On Site	Witcombe Reservoirs	Reservoir. An area of non-tidal water used for storing water.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
9	0 On Site	Witcombe Reservoirs	Reservoir. An area of non-tidal water used for storing water.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
10	0 On Site	Witcombe Reservoirs	Reservoir. An area of non-tidal water used for storing water.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
11	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
12	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
13	0 On Site	Witcombe Reservoirs	Reservoir. An area of non-tidal water used for storing water.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
14	0 On Site	Witcombe Reservoirs	Reservoir. An area of non-tidal water used for storing water.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
15	0 On Site	Witcombe Reservoirs	Reservoir. An area of non-tidal water used for storing water.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
16	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 4.5
17	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
18	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.8
19	0 On Site	Witcombe Reservoirs	Reservoir. An area of non-tidal water used for storing water.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
20	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
21	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
22	0	Witcombe Reservoirs	Reservoir. An area of non-tidal water used for storing	Catchment Area: Severn Relationship to Ground Level: On ground surface

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
	On Site		water.	Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
23	0 On Site	Witcombe Reservoirs	Reservoir. An area of non-tidal water used for storing water.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
24	0 On Site	Witcombe Reservoirs	Reservoir. An area of non-tidal water used for storing water.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
25	0 On Site	Witcombe Reservoirs	Reservoir. An area of non-tidal water used for storing water.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
26	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 1.2
27	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
28	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
29	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
30	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
31	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
32	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
33	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
34	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions)

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
				Average Width in Watercourse Section (m): Not Provided
35	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
36	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
37	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
38	0 On Site	-	Lake, loch or reservoir.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 4.9
39	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
40	0 On Site	-	Lake, loch or reservoir.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 5.7
41	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
42	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
43	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
44	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
45	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
46	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
47	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
48	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
49	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
50	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
51	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
52	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
53	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
54	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
55	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
56	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
57	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
58	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
59	0	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
	On Site			Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
60	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
61	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
62	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
63	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.6
64	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
65	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
66	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
67	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
68	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
69	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
70	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
71	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions)

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
				Average Width in Watercourse Section (m): Not Provided
72	0 On Site	-	Lake, loch or reservoir.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 3.3
73	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
74	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
75	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
76	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
77	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
78	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
79	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
80	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
81	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
82	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
83	0 On Site	-	Lake, loch or reservoir.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 1.4

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
84	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
85	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
86	0 On Site	Horsbere Brook	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.3
87	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 1.9
88	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 3.1
89	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
90	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
91	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
92	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
93	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
94	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
95	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
96	0	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
	On Site			Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
97	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.0
98	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
99	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.1
100	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
101	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
102	0 On Site	Horsbere Brook	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.5
103	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
104	0 On Site	Horsbere Brook	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
105	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.6
106	0 On Site	Horsbere Brook	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.5
107	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 4.7
108	0 On Site	Horsbere Brook	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions)

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
				Average Width in Watercourse Section (m): 2.5
109	0 On Site	Horsbere Brook	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.5
110	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.5
111	0 On Site	Horsbere Brook	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.4
112	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
113	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
114	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
115	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 1.1
116	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
117	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 1.8
118	0 On Site	Horsbere Brook	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.0
119	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
120	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
121	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 0.7
122	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
123	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 1.8
124	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 1.5
125	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 1.8
126	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
127	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
128	0 On Site	Horsbere Brook	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
129	0 On Site	Horsbere Brook	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 3.0
130	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
131	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
132	0 On Site	Horsbere Brook	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 3.5
133	0	Horsbere Brook	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
	On Site			Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.1
134	0 On Site		Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
135	0 On Site	Horsbere Brook	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.2
136	0 On Site		Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
137	0 On Site		Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
138	0 On Site		Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
139	0 On Site		Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
140	0 On Site		Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
141	0 On Site		Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.1
142	0 On Site		Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
143	0 On Site	Horsbere Brook	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.7
144	0 On Site		Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
145	0 On Site	Horsbere Brook	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions)

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
				Average Width in Watercourse Section (m): Not Provided
146	0 On Site	Horsbere Brook	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.5
147	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
148	0 On Site	Horsbere Brook	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.7
149	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
150	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
151	0 On Site	Horsbere Brook	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.4
152	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.5
153	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
154	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
155	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 1.8
156	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.1
157	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
158	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
159	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
160	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
161	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
162	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
163	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.2
164	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
165	0 On Site	Norman's Brook	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.6
166	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
167	0 On Site	Norman's Brook	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.3
168	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
169	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
170	0	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
	On Site			Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
171	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
172	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
173	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
174	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
175	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
176	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
177	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
178	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
179	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
180	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.3
181	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 3.5
182	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions)

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
				Average Width in Watercourse Section (m): 2.6
183	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
184	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 1.6
185	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
186	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
187	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
188	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
189	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
190	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
191	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
192	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
193	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
194	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
195	0 On Site	-	Lake, loch or reservoir.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 3.6
196	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
197	0 On Site	Norman's Brook	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
198	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
199	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
200	0 On Site	Norman's Brook	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
201	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
202	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
203	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
204	0 On Site	Norman's Brook	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
205	0 On Site	Norman's Brook	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 1.1
206	0 On Site	Norman's Brook	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
207	0	Norman's Brook	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
	On Site			Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.1
66	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
67	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
68	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
69	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
70	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
71	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
72	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
73	0 On Site	Witcombe Reservoirs	Reservoir. An area of non-tidal water used for storing water.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
74	0 On Site	Witcombe Reservoirs	Reservoir. An area of non-tidal water used for storing water.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
75	0 On Site	Witcombe Reservoirs	Reservoir. An area of non-tidal water used for storing water.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
76	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
77	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions)

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
				Average Width in Watercourse Section (m): Not Provided
78	0 On Site	Witcombe Reservoirs	Reservoir. An area of non-tidal water used for storing water.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
79	0 On Site	Witcombe Reservoirs	Reservoir. An area of non-tidal water used for storing water.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
80	0 On Site	Witcombe Reservoirs	Reservoir. An area of non-tidal water used for storing water.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
81	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 4.5
82	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
83	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.8
84	0 On Site	Witcombe Reservoirs	Reservoir. An area of non-tidal water used for storing water.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
85	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
86	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
87	0 On Site	Witcombe Reservoirs	Reservoir. An area of non-tidal water used for storing water.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
88	0 On Site	Witcombe Reservoirs	Reservoir. An area of non-tidal water used for storing water.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
89	0 On Site	Witcombe Reservoirs	Reservoir. An area of non-tidal water used for storing water.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
90	0 On Site	Witcombe Reservoirs	Reservoir. An area of non-tidal water used for storing water.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
91	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 1.2
92	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
93	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
94	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
95	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
96	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
97	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
98	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
99	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
100	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
101	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
102	0	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
	On Site			Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
103	0 On Site	-	Lake, loch or reservoir.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 4.9
104	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
105	0 On Site	-	Lake, loch or reservoir.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 5.7
106	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
107	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
108	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
109	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
110	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
111	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
112	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
113	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
114	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions)

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
				Average Width in Watercourse Section (m): Not Provided
115	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
116	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
117	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
118	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
119	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
120	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
121	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
122	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
123	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
124	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
125	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
126	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
127	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
128	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.6
129	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
130	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
131	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
132	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
133	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
134	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
135	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
136	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
137	0 On Site	-	Lake, loch or reservoir.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 3.3
138	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
139	0	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
	On Site			Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
140	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
141	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
142	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
143	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
144	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
145	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
146	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
147	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
148	0 On Site	-	Lake, loch or reservoir.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 1.4
149	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
150	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
151	0 On Site	Horsbere Brook	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions)

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
				Average Width in Watercourse Section (m): 2.3
152	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 1.9
153	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 3.1
154	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
155	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
156	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
157	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
158	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
159	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
160	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
161	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
162	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.0
163	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
164	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.1
165	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
166	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
167	0 On Site	Horsbere Brook	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.5
168	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
169	0 On Site	Horsbere Brook	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
170	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.6
171	0 On Site	Horsbere Brook	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.5
172	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 4.7
173	0 On Site	Horsbere Brook	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.5
174	0 On Site	Horsbere Brook	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.5
175	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.5
176	0	Horsbere Brook	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
	On Site			Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.4
177	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
178	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
179	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
180	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 1.1
181	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
182	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 1.8
183	0 On Site	Horsbere Brook	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.0
184	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
185	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
186	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 0.7
187	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
188	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions)

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
				Average Width in Watercourse Section (m): 1.8
189	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 1.5
190	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 1.8
191	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
192	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
193	0 On Site	Horsbere Brook	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
194	0 On Site	Horsbere Brook	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 3.0
195	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
196	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
197	0 On Site	Horsbere Brook	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 3.5
198	0 On Site	Horsbere Brook	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.1
199	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
200	0 On Site	Horsbere Brook	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.2

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
201	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
202	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
203	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
204	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
205	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
206	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.1
207	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
208	0 On Site	Horsbere Brook	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.7
209	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
210	0 On Site	Horsbere Brook	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
211	0 On Site	Horsbere Brook	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.5
212	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
213	0	Horsbere Brook	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
	On Site			Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.7
214	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
215	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
216	0 On Site	Horsbere Brook	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.4
217	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.5
218	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
219	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
220	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 1.8
221	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.1
222	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
223	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
224	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
225	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions)

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
				Average Width in Watercourse Section (m): Not Provided
226	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
227	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
228	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.2
229	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
230	0 On Site	Norman's Brook	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.6
231	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
232	0 On Site	Norman's Brook	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.3
233	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
234	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
235	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
236	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
237	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
238	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
239	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
240	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
241	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
242	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
243	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
244	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
245	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.3
246	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 3.5
247	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.6
248	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
249	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 1.6
250	0	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
	On Site			Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
251	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
252	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
253	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
254	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
255	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
256	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
257	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
258	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
259	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
260	0 On Site	-	Lake, loch or reservoir.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 3.6
261	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
262	0 On Site	Norman's Brook	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions)

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
				Average Width in Watercourse Section (m): Not Provided
263	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
264	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
265	0 On Site	Norman's Brook	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
266	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
267	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
268	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
269	0 On Site	Norman's Brook	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
270	0 On Site	Norman's Brook	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 1.1
271	0 On Site	Norman's Brook	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
272	0 On Site	Norman's Brook	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.1
208	2 SW	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
273	2 SW	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
209	5 SW	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
274	5 SW	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
210	6 SW	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
275	6 SW	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
211	8 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
212	8 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
276	8 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
277	8 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
213	9 SW	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
278	9 SW	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
214	11 S	-	Lake, loch or reservoir.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 10.2
279	11 S	-	Lake, loch or reservoir.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 10.2
215	19	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
	S			Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
216	19 S	-	Lake, loch or reservoir.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 5.9
280	19 S	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
281	19 S	-	Lake, loch or reservoir.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 5.9
217	20 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
218	20 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
282	20 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
283	20 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
219	24 S	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
284	24 S	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
220	26 SW	-	Lake, loch or reservoir.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 3.7
285	26 SW	-	Lake, loch or reservoir.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 3.7
221	31 SW	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions)

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
				Average Width in Watercourse Section (m): Not Provided
222	31 SW	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
286	31 SW	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
287	31 SW	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
223	32 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
224	32 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
288	32 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
289	32 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
225	33 SW	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
290	33 SW	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
226	44 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
291	44 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
227	45 SW	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
228	45 SW	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
292	45 SW	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
293	45 SW	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
229	57 NW	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
294	57 NW	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
230	64 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
295	64 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
231	75 SW	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
296	75 SW	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
232	81 SW	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
297	81 SW	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
233	95 SW	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
234	95	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
	SW			Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
298	95 SW	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
299	95 SW	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
235	96 SW	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
300	96 SW	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
236	105 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
301	105 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
237	110 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
302	110 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
238	124 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
239	124 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
303	124 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
304	124 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions)

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
				Average Width in Watercourse Section (m): Not Provided
240	130 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
305	130 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
241	134 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
306	134 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
242	139 SW	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
307	139 SW	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
243	146 SW	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
308	146 SW	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
244	158 N	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
245	158 N	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
246	158 S	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
309	158 N	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
310	158 N	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
311	158 S	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
247	181 NW	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
312	181 NW	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
248	186 SE	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
313	186 SE	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
249	206 NE	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
250	206 NE	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
314	206 NE	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
315	206 NE	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
251	207 N	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
252	207 N	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
316	207	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
	N			Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
317	207 N	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
253	222 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
254	222 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
318	222 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
319	222 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
255	223 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
320	223 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
256	250 S	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
257	250 S	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
321	250 S	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
322	250 S	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
258	263 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions)

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
				Average Width in Watercourse Section (m): Not Provided
323	263 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
259	264 SE	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
324	264 SE	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
260	272 S	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
325	272 S	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
261	284 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
326	284 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
262	291 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
327	291 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
263	297 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
328	297 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
264	315 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
329	315 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
265	316 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
330	316 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
266	319 NE	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
331	319 NE	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
267	325 S	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
332	325 S	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
268	326 W	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
269	326 NE	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
333	326 W	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
334	326 NE	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
270	328 NE	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
335	328	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
	NE			Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
271	329 NE	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
272	329 W	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
336	329 NE	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
337	329 W	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
273	330 NE	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
274	330 NE	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
338	330 NE	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
339	330 NE	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
275	331 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
276	331 E	Norman's Brook	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
340	331 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
341	331 E	Norman's Brook	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions)

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
				Average Width in Watercourse Section (m): Not Provided
277	338 W	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
342	338 W	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
278	339 S	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
279	339 S	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
343	339 S	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
344	339 S	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
280	340 W	Horsbere Brook	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 1.7
345	340 W	Horsbere Brook	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 1.7
281	372 N	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
Not shown	372 N	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
282	377 NE	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
347	377 NE	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
283	378 S	-	Lake, loch or reservoir.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 3.6
348	378 S	-	Lake, loch or reservoir.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 3.6
284	379 NE	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
349	379 NE	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
285	382 S	-	Lake, loch or reservoir.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 5.4
350	382 S	-	Lake, loch or reservoir.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 5.4
286	385 S	-	Lake, loch or reservoir.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 3.9
351	385 S	-	Lake, loch or reservoir.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 3.9
287	389 S	-	Lake, loch or reservoir.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
352	389 S	-	Lake, loch or reservoir.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
288	392 SW	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
289	392 S	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
353	392	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
	SW			Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
354	392 S	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
290	399 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
355	399 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
291	402 S	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
356	402 S	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
292	404 SW	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
357	404 SW	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
293	409 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
294	409 S	-	Lake, loch or reservoir.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 11.4
358	409 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
359	409 S	-	Lake, loch or reservoir.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 11.4
295	411 NW	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions)

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
				Average Width in Watercourse Section (m): 1.9
360	411 NW	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 1.9
296	415 N	Norman's Brook	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.8
297	415 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
Not shown	415 N	Norman's Brook	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.8
362	415 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
298	417 SW	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
363	417 SW	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
299	418 NW	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 1.9
364	418 NW	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 1.9
300	421 S	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
301	421 N	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 3.8
365	421 S	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
Not shown	421 N	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 3.8
302	422 N	Norman's Brook	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.6
Not shown	422 N	Norman's Brook	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.6
303	423 SW	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
304	423 SW	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
368	423 SW	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
369	423 SW	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
305	426 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
306	426 W	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
370	426 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
371	426 W	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
307	427 W	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
308	427	Horsbere Brook	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
	W			Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.2
372	427 W	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
373	427 W	Horsbere Brook	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.2
309	440 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
374	440 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
310	443 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
311	443 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
312	443 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
375	443 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
376	443 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
377	443 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
313	444 SW	-	Lake, loch or reservoir.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 3.0
378	444 SW	-	Lake, loch or reservoir.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions)

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
				Average Width in Watercourse Section (m): 3.0
314	445 S	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
379	445 S	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
315	447 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
380	447 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
316	449 S	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
381	449 S	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
317	453 S	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
382	453 S	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
318	463 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
319	463 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
383	463 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
384	463 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
320	468 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
385	468 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
321	470 N	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
322	470 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
Not shown	470 N	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
387	470 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
323	472 NW	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
388	472 NW	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
324	486 N	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
Not shown	486 N	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided

6.11 Surface Water Features

Surface water features within 250m of the study site

Identified

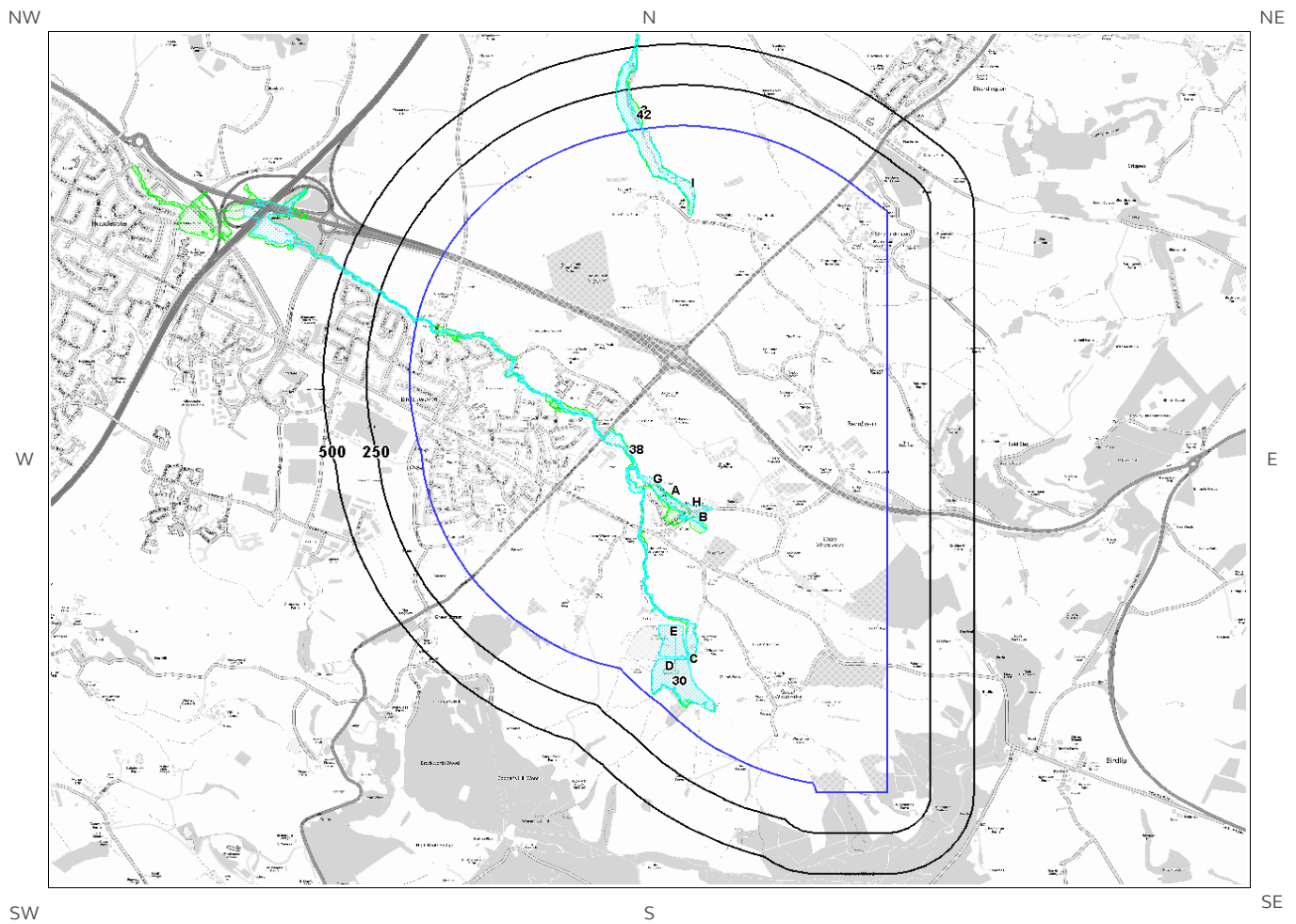
The following surface water records are not represented on mapping:

Distance (m)	Direction
0	On Site
0	On Site
0	On Site
0	On Site
0	On Site
0	On Site
0	On Site
0	On Site
0	On Site
0	On Site
0	On Site
0	On Site
0	On Site
0	On Site
0	On Site
0	On Site
0	On Site
0	On Site
0	On Site
0	On Site
0	On Site
0	On Site
0	On Site
0	On Site
0	On Site
0	On Site
0	On Site
0	On Site
0	On Site
0	On Site
2	SW
3	S
5	SW
8	E
8	E
18	E
18	SW
20	E
20	S
22	E
25	E
28	S
31	E
32	E
32	E
33	SW
34	N
45	SW
45	SW
55	E
57	NW
71	SW
75	SW

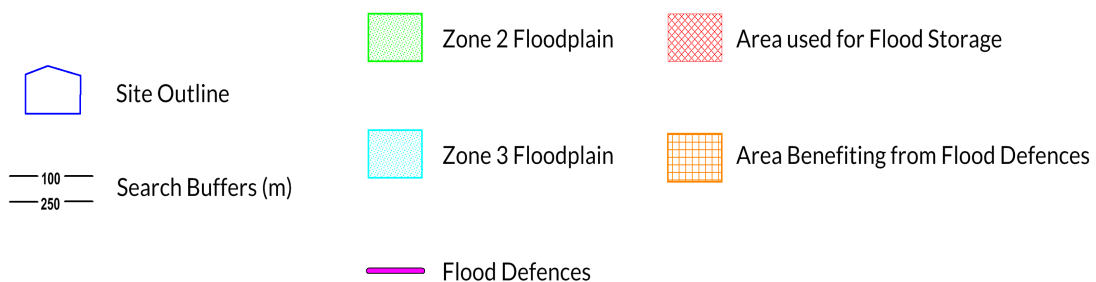
Distance (m)	Direction
81	SW
84	E
95	SW
96	SW
105	E
113	SW
116	E
119	E
130	E
146	SW
159	N
160	S
166	E
166	SW
186	E
206	NE
207	N
223	E
234	E
236	E
250	S
250	S



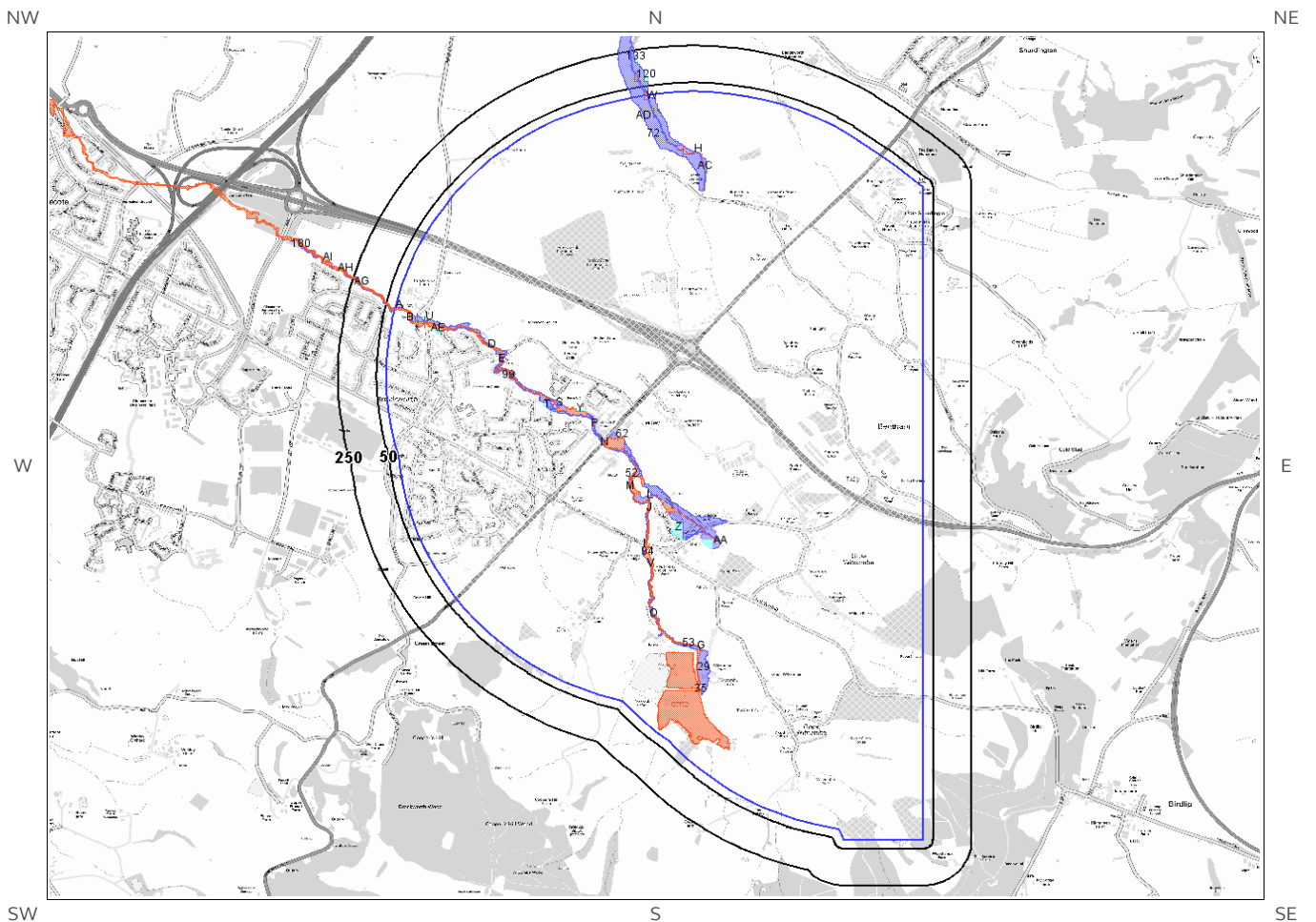
7a. Environment Agency/Natural Resources Wales Flood Map for Planning (from rivers and the sea)



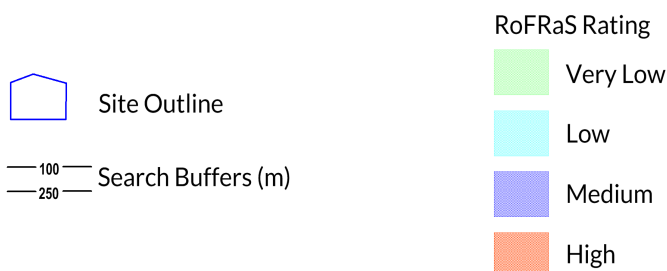
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7b. Environment Agency/Natural Resources Wales Risk of Flooding from Rivers and the Sea (RoFRaS) Map



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7 Flooding

7.1 River and Coastal Zone 2 Flooding

Environment Agency/Natural Resources Wales Zone 2 floodplain within 250m

Identified

Environment Agency/Natural Resources Wales Zone 2 floodplains estimate the annual probability of flooding as between 1 in 1000 (0.1%) and 1 in 100 (1%) from rivers and between 1 in 1000 (0.1%) and 1 in 200 (0.5%) from the sea. Any relevant data is represented on Map 7a – Flood Map for Planning:

ID	Distance (m)	Direction	Update	Type
1F	0	On Site	20-Jun-2019	Zone 2 - (Fluvial /Tidal Models)
2	0	On Site	20-Jun-2019	Zone 2 - (Fluvial /Tidal Models)
3	0	On Site	20-Jun-2019	Zone 2 - (Fluvial /Tidal Models)
4E	0	On Site	20-Jun-2019	Zone 2 - (Fluvial /Tidal Models)
5D	0	On Site	20-Jun-2019	Zone 2 - (Fluvial /Tidal Models)
6I	0	On Site	20-Jun-2019	Zone 2 - (Fluvial /Tidal Models)
7C	0	On Site	20-Jun-2019	Zone 2 - (Fluvial /Tidal Models)
8A	0	On Site	20-Jun-2019	Zone 2 - (Fluvial /Tidal Models)
9G	0	On Site	20-Jun-2019	Zone 2 - (Fluvial /Tidal Models)
10A	0	On Site	20-Jun-2019	Zone 2 - (Fluvial /Tidal Models)
11A	0	On Site	20-Jun-2019	Zone 2 - (Fluvial /Tidal Models)
12A	0	On Site	20-Jun-2019	Zone 2 - (Fluvial /Tidal Models)
13A	0	On Site	20-Jun-2019	Zone 2 - (Fluvial /Tidal Models)
14A	0	On Site	20-Jun-2019	Zone 2 - (Fluvial /Tidal Models)
15A	0	On Site	20-Jun-2019	Zone 2 - (Fluvial /Tidal Models)
16A	0	On Site	20-Jun-2019	Zone 2 - (Fluvial /Tidal Models)
17A	0	On Site	20-Jun-2019	Zone 2 - (Fluvial /Tidal Models)
18A	0	On Site	20-Jun-2019	Zone 2 - (Fluvial /Tidal Models)
19A	0	On Site	20-Jun-2019	Zone 2 - (Fluvial /Tidal Models)

20B	0	On Site	20-Jun-2019	Zone 2 - (Fluvial /Tidal Models)
21B	0	On Site	20-Jun-2019	Zone 2 - (Fluvial /Tidal Models)
22B	0	On Site	20-Jun-2019	Zone 2 - (Fluvial /Tidal Models)
23B	0	On Site	20-Jun-2019	Zone 2 - (Fluvial /Tidal Models)
24B	0	On Site	20-Jun-2019	Zone 2 - (Fluvial /Tidal Models)
25A	0	On Site	20-Jun-2019	Zone 2 - (Fluvial /Tidal Models)
26A	0	On Site	20-Jun-2019	Zone 2 - (Fluvial /Tidal Models)
27A	0	On Site	20-Jun-2019	Zone 2 - (Fluvial /Tidal Models)

7.2 River and Coastal Zone 3 Flooding

Environment Agency/Natural Resources Wales Zone 3 floodplain within 250m Identified

Zone 3 shows the extent of a river flood with a 1 in 100 (1%) or greater chance of occurring in any year or a sea flood with a 1 in 200 (0.5%) or greater chance of occurring in any year. Any relevant data is represented on Map 7a – Flood Map for Planning.

ID	Distance (m)	Direction	Update	Type
1F	0	On Site	20-Jun-2019	Zone 3 - (Fluvial Models)
2	0	On Site	20-Jun-2019	Zone 3 - (Fluvial Models)
3	0	On Site	20-Jun-2019	Zone 3 - (Fluvial Models)
4E	0	On Site	20-Jun-2019	Zone 3 - (Fluvial Models)
5D	0	On Site	20-Jun-2019	Zone 3 - (Fluvial Models)
6I	0	On Site	20-Jun-2019	Zone 3 - (Fluvial Models)
7C	0	On Site	20-Jun-2019	Zone 3 - (Fluvial Models)
8A	0	On Site	20-Jun-2019	Zone 3 - (Fluvial Models)
9G	0	On Site	20-Jun-2019	Zone 3 - (Fluvial Models)
10A	0	On Site	20-Jun-2019	Zone 3 - (Fluvial Models)
11A	0	On Site	20-Jun-2019	Zone 3 - (Fluvial Models)
12A	0	On Site	20-Jun-2019	Zone 3 - (Fluvial Models)
13A	0	On Site	20-Jun-2019	Zone 3 - (Fluvial Models)
14A	0	On Site	20-Jun-2019	Zone 3 - (Fluvial Models)

7.3 Risk of Flooding from Rivers and the Sea (RoFRaS) Flood Rating

Highest risk of flooding onsite

High

The Environment Agency/Natural Resources Wales RoFRaS database provides an indication of river and coastal flood risk at a national level on a 50m grid with the flood rating at the centre of the grid calculated and given above. The data considers the probability that the flood defences will overtop or breach by considering their location, type, condition and standard of protection.

RoFRaS data for the study site indicates the property is in an area with a High (1 in 30 or greater) chance of flooding in any given year.

Any relevant data within 250m is represented on the RoFRaS Flood map. Data to 50m is reported in the table below.

ID	Distance (m)	Direction	RoFRaS flood Risk
1A	0.0	On Site	Medium
2A	0.0	On Site	Medium
3B	0.0	On Site	Medium
4B	0.0	On Site	Medium
5B	0.0	On Site	Medium
6C	0.0	On Site	Medium
7D	0.0	On Site	Medium
8C	0.0	On Site	Medium
9D	0.0	On Site	Medium
10D	0.0	On Site	Medium
11D	0.0	On Site	Medium
12D	0.0	On Site	Medium
13E	0.0	On Site	Medium
14E	0.0	On Site	Medium
15F	0.0	On Site	Medium
16F	0.0	On Site	Medium
17G	0.0	On Site	Medium
18G	0.0	On Site	Medium
19G	0.0	On Site	Medium
20G	0.0	On Site	Medium
21O	0.0	On Site	Medium
22Q	0.0	On Site	Medium
23R	0.0	On Site	Medium
24H	0.0	On Site	Medium
25V	0.0	On Site	Medium
26H	0.0	On Site	Medium
27H	0.0	On Site	Medium
28AC	0.0	On Site	Medium
29	0.0	On Site	Medium

30I	0.0	On Site	Medium
31I	0.0	On Site	Medium
32I	0.0	On Site	Medium
33	0.0	On Site	Medium
34AA	0.0	On Site	Medium
35	0.0	On Site	Medium
36J	0.0	On Site	Medium
37J	0.0	On Site	Medium
38K	0.0	On Site	Medium
39J	0.0	On Site	Medium
40K	0.0	On Site	Medium
41L	0.0	On Site	Medium
42L	0.0	On Site	Medium
43L	0.0	On Site	Medium
44L	0.0	On Site	Medium
45L	0.0	On Site	Medium
46L	0.0	On Site	Medium
47L	0.0	On Site	Medium
48K	0.0	On Site	Medium
49K	0.0	On Site	Medium
50M	0.0	On Site	Medium
51M	0.0	On Site	Medium
52	0.0	On Site	Medium
53	0.0	On Site	Medium
54X	0.0	On Site	Medium
55N	0.0	On Site	Medium
56N	0.0	On Site	Medium
57N	0.0	On Site	Medium
58N	0.0	On Site	Medium
59O	0.0	On Site	Medium
60N	0.0	On Site	Medium
61N	0.0	On Site	Medium
62	0.0	On Site	Medium
63P	0.0	On Site	Medium
64P	0.0	On Site	Medium
65P	0.0	On Site	Medium
66P	0.0	On Site	Medium
67S	0.0	On Site	Medium
68Q	0.0	On Site	Medium
69R	0.0	On Site	Medium
70Z	0.0	On Site	Low
71	0.0	On Site	Medium
72	0.0	On Site	Low
73AD	0.0	On Site	Low
74S	0.0	On Site	Low
75Y	0.0	On Site	Low

76T	0.0	On Site	Low
77T	0.0	On Site	Low
78AE	0.0	On Site	Low
79B	0.0	On Site	Low
80U	0.0	On Site	Low
81U	0.0	On Site	Low
82W	0.0	On Site	Medium
83V	0.0	On Site	Medium
84V	0.0	On Site	Medium
85I	0.0	On Site	Medium
86W	0.0	On Site	Medium
87AB	0.0	On Site	Medium
88X	0.0	On Site	Medium
89Y	0.0	On Site	Medium
90Z	0.0	On Site	Low
91AA	0.0	On Site	Low
92AB	0.0	On Site	Low
93AB	0.0	On Site	High
94	0.0	On Site	High
95AC	0.0	On Site	High
96AD	0.0	On Site	High
97L	0.0	On Site	High
98S	0.0	On Site	Low
99	0.0	On Site	Low
100D	0.0	On Site	Low
101AE	0.0	On Site	High
102Z	0.0	On Site	Medium
103AF	2.0	W	Medium
104A	12.0	W	Medium
105AF	24.0	W	Medium
106AF	27.0	W	Medium
107AF	32.0	W	Medium
108AF	34.0	W	Medium
109AF	42.0	W	Medium
110AF	46.0	W	Medium
111AF	49.0	W	Medium

7.4 Flood Defences

Flood Defences within 250m of the study site

Database searched and no data found.

None identified

7.5 Areas benefiting from Flood Defences

Areas benefiting from Flood Defences within 250m of the study site None identified

7.6 Areas benefiting from Flood Storage

Areas used for Flood Storage within 250m of the study site None identified

7.7 Groundwater Flooding Susceptibility Areas

7.7.1 British Geological Survey groundwater flooding susceptibility areas within 50m of the boundary of the study site Identified

Clearwater Flooding or Superficial Deposits Flooding Superficial Deposits Flooding

Notes: Groundwater flooding may either be associated with shallow unconsolidated sedimentary aquifers which overlie unproductive aquifers (Superficial Deposits Flooding), or with unconfined aquifers (Clearwater Flooding).

7.7.2 Highest susceptibility to groundwater flooding in the search area based on the underlying geological conditions

Potential at Surface

Where potential for groundwater flooding to occur at surface is indicated, this means that given the geological conditions in the area groundwater flooding hazard should be considered in all land-use planning decisions. It is recommended that other relevant information e.g. records of previous incidence of groundwater flooding, rainfall, property type, and land drainage information be investigated in order to establish relative, but not absolute, risk of groundwater flooding.

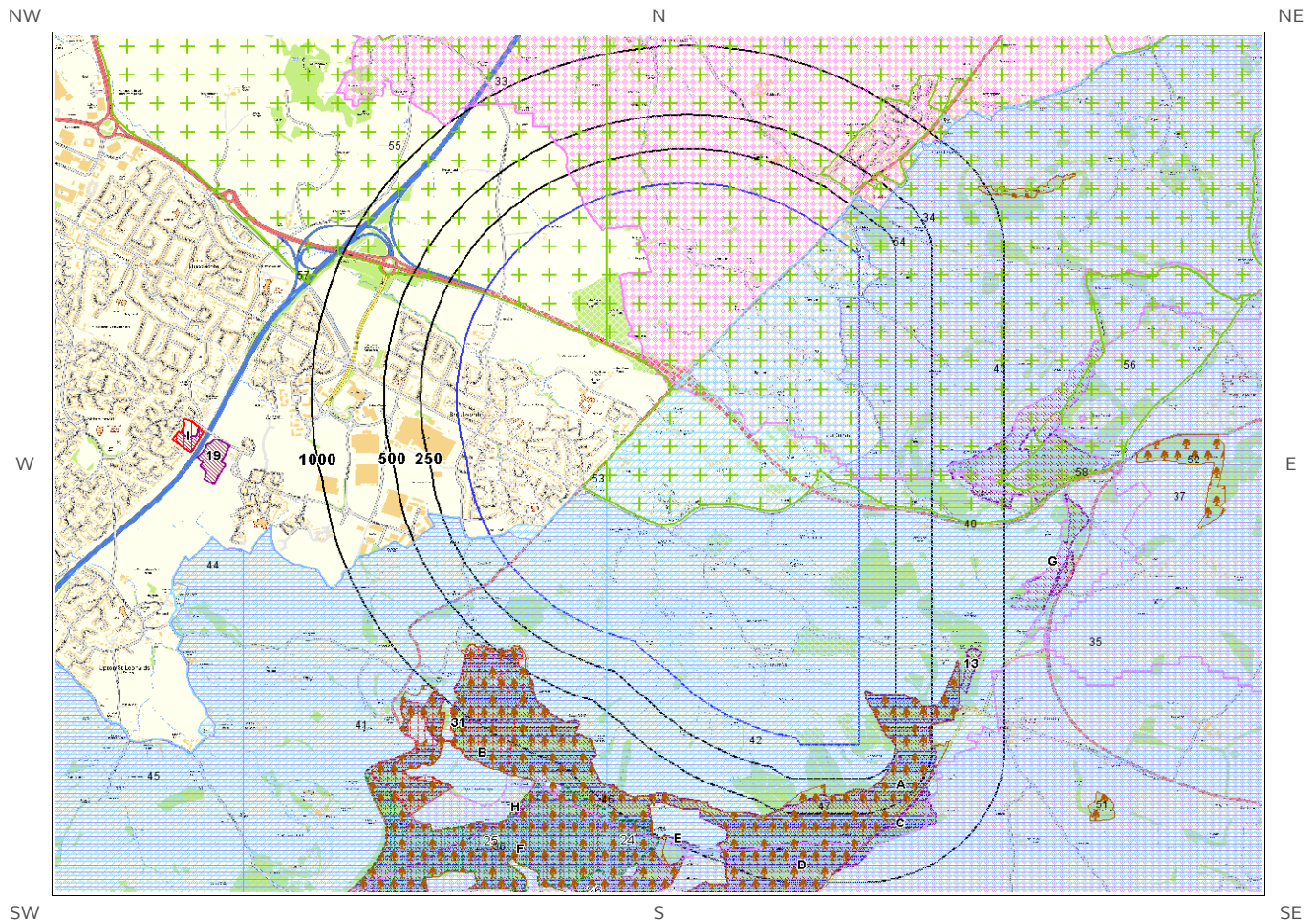
7.8 Groundwater Flooding Confidence Areas

British Geological Survey confidence rating in this result High

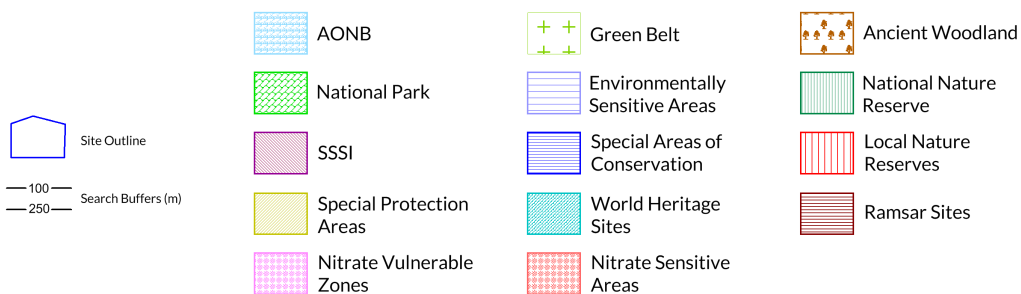
Notes: Groundwater flooding is defined as the emergence of groundwater at the ground surface or the rising of groundwater into man-made ground under conditions where the normal range of groundwater levels is exceeded.

The confidence rating is on a threefold scale - Low, Moderate and High. This provides a relative indication of the BGS confidence in the accuracy of the susceptibility result for groundwater flooding. This is based on the amount and precision of the information used in the assessment. In areas with a relatively lower level of confidence the susceptibility result should be treated with more caution. In other areas with higher levels of confidence the susceptibility result can be used with more confidence.

8. Designated Environmentally Sensitive Sites Map



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8. Designated Environmentally Sensitive Sites

Designated Environmentally Sensitive Sites within 2000m of the study site

Identified

8.1 Records of Sites of Special Scientific Interest (SSSI) within 2000m of the study site:

16

The following Site of Special Scientific Interest (SSSI) records provided by Natural England/Natural Resources Wales are represented as polygons on the Designated Environmentally Sensitive Sites Map:

ID	Distance (m)	Direction	SSSI Name	Data Source
8A	35	E	Cotswold Commons and Beechwoods	Natural England
9B	388	SW	Cotswold Commons and Beechwoods	Natural England
10C	550	SE	Cotswold Commons and Beechwoods	Natural England
11	610	E	Crickley Hill and Barrow Wake	Natural England
12D	683	S	Cotswold Commons and Beechwoods	Natural England
13	693	E	Knap House Quarry, Birdlip	Natural England
14E	948	S	Cotswold Commons and Beechwoods	Natural England
15G	1052	E	Crickley Hill and Barrow Wake	Natural England
16F	1102	SW	Cotswold Commons and Beechwoods	Natural England
17G	1321	E	Crickley Hill and Barrow Wake	Natural England
18H	1344	SW	Cotswold Commons and Beechwoods	Natural England
19	1580	W	Hucclecote Meadows	Natural England
Not shown	1696	SW	Cotswold Commons and Beechwoods	Natural England
21I	1753	W	Hucclecote Meadows	Natural England
Not shown	1882	SW	Cotswold Commons and Beechwoods	Natural England
Not shown	1895	SW	Cotswold Commons and Beechwoods	Natural England

8.2 Records of National Nature Reserves (NNR) within 2000m of the study site:

7

The following National Nature Reserve (NNR) records provided by Natural England/Natural Resources Wales are represented as polygons on the Designated Environmentally Sensitive Sites Map:

ID	Distance (m)	Direction	NNR Name	Data Source
24	927	SW	Cotswold Commons and Beechwoods	Natural England
25	1041	SW	Cotswold Commons and Beechwoods	Natural England
26	1529	SW	Cotswold Commons and Beechwoods	Natural England
Not shown	1596	SW	Cotswold Commons and Beechwoods	Natural England
Not shown	1696	SW	Cotswold Commons and Beechwoods	Natural England
Not shown	1882	SW	Cotswold Commons and Beechwoods	Natural England
Not shown	1896	SW	Cotswold Commons and Beechwoods	Natural England

8.3 Records of Special Areas of Conservation (SAC) within 2000m of the study site:

7

The following Special Area of Conservation (SAC) records provided by Natural England/Natural Resources Wales are represented as polygons on the Designated Environmentally Sensitive Sites Map:

ID	Distance (m)	Direction	SAC Name	Data Source
1A	35	E	Cotswold Beechwoods	Natural England
2B	388	SW	Cotswold Beechwoods	Natural England
3C	550	SE	Cotswold Beechwoods	Natural England
4D	683	S	Cotswold Beechwoods	Natural England
5E	948	S	Cotswold Beechwoods	Natural England
6F	1102	SW	Cotswold Beechwoods	Natural England
7H	1344	SW	Cotswold Beechwoods	Natural England

8.4 Records of Special Protection Areas (SPA) within 2000m of the study site:

0

Database searched and no data found.

8.5 Records of Ramsar sites within 2000m of the study site:

0

Database searched and no data found.

8.6 Records of Ancient Woodland within 2000m of the study site:

7

The following records of Designated Ancient Woodland provided by Natural England/Natural Resources Wales are represented as polygons on the Designated Environmentally Sensitive Sites Map:

ID	Distance (m)	Direction	Ancient Woodland Name	Data Source
46	33	E	WITCOMBE/ BUCKLE WOODS	Ancient and Semi-Natural Woodland
47	289	S	WITCOMBE/ BUCKLE WOODS	Ancient Replanted Woodland
48	943	NE	UNKNOWN	Ancient and Semi-Natural Woodland
Not shown	1146	S	HAZEL HANGER WOOD	Ancient Replanted Woodland
Not shown	1594	S	HAZEL HANGER WOOD	Ancient and Semi-Natural Woodland
51	1632	E	HAWCOTE HILL WOOD	Ancient and Semi-Natural Woodland
52	1899	E	ULLEN WOOD	Ancient and Semi-Natural Woodland

8.7 Records of Local Nature Reserves (LNR) within 2000m of the study site:

2

The following Local Nature Reserve (LNR) records provided by Natural England/Natural Resources Wales are represented as polygons on the Designated Environmentally Sensitive Sites Map:

ID	Distance (m)	Direction	LNR Name	Data Source
31	387	SW	Coopers Hill, Gloucester	Natural England
32I	1753	W	Hucclecote Meadows	Natural England

8.8 Records of World Heritage Sites within 2000m of the study site:

0

Database searched and no data found.

8.9 Records of Environmentally Sensitive Areas within 2000m of the study site:

4

The following Environmentally Sensitive Area records produced by DEFRA are represented as polygons on the Designated Environmentally Sensitive Sites Map:

ID	Distance (m)	Direction	ESA Name	Data Source
42	0	On Site	Cotswold Hills	Natural England
43	0	On Site	Cotswold Hills	Natural England
44	1636	W	Cotswold Hills	Natural England
45	1722	W	Cotswold Hills	Natural England

8.10 Records of Areas of Outstanding Natural Beauty (AONB) within 2000m of the study site:

2

The following Area of Outstanding Natural Beauty (AONB) records provided by Natural England/Natural Resources Wales are represented as polygons on the Designated Environmentally Sensitive Sites Map:

ID	Distance (m)	Direction	AONB/NSA Name	Data Source
40	0	On Site	Cotswolds	Natural England
41	0	On Site	Cotswolds	Natural England

8.11 Records of National Parks (NP) within 2000m of the study site:

0

Database searched and no data found.

8.12 Records of Nitrate Sensitive Areas within 2000m of the study site:

0

Database searched and no data found.

8.13 Records of Nitrate Vulnerable Zones within 2000m of the study site:

7

The following Nitrate Vulnerable Zone records produced by DEFRA are represented as polygons on the Designated Environmentally Sensitive Sites Map:

ID	Distance (m)	Direction	NVZ Name	Data Source
33	0	On Site	Existing	DEFRA
34	0	On Site	Existing	DEFRA
35	559	E	Existing	DEFRA
36	1102	SW	Existing	DEFRA
37	1269	E	Existing	DEFRA
Not shown	1808	N	Existing	DEFRA
Not shown	1855	N	Existing	DEFRA

8.14 Records of Green Belt land within 2000m of the study site:

8

Green Belt data contains Ordnance Survey data © Crown copyright and database right [2015].

ID	Distance	Direction	Green Belt Name	Local Authority Name
53	0	On Site	Gloucester Green Belt	Tewkesbury
54	0	On Site	Gloucester Green Belt	Tewkesbury
55	0	On Site	Gloucester Green Belt	Tewkesbury
56	945	E	Gloucester Greenbelt	Cotswold District
57	1193	W	Gloucester Green Belt	Tewkesbury
58	1527	E	Gloucester Green Belt	Tewkesbury
Not shown	1808	N	Gloucester Green Belt	Tewkesbury
Not shown	1855	N	Gloucester Green Belt	Tewkesbury

9. Natural Hazards Findings

9.1 Detailed BGS GeoSure Data

BGS GeoSure Data has been searched to 50m. The data is included in tabular format. If you require further information on geology and ground stability, please obtain a **Groundsure Geo Insight**, available from our [website](#). The following information has been found:

9.1.1 Shrink Swell

Maximum Shrink-Swell** hazard rating identified on the study site Low

The following natural subsidence information provided by the British Geological Survey is not represented on mapping:

Hazard
Ground conditions predominantly medium plasticity. Do not plant trees with high soil moisture demands near to buildings. For new build, consideration should be given to advice published by the National House Building Council (NHBC) and the Building Research Establishment (BRE). There is a possible increase in construction cost to reduce potential shrink-swell problems. For existing property, there is a possible increase in insurance risk, especially during droughts or where vegetation with high moisture demands is present.

9.1.2 Landslides

Maximum Landslide* hazard rating identified on the study site High

The following natural subsidence information provided by the British Geological Survey is not represented on mapping:

Hazard
Very significant potential for slope instability. Active or inactive landslides may be present; Seek expert advice about stability of the ground and the management of ground stability. For new build slope stability assessment necessary, special design may be necessary, construction may not be possible. For existing property significant increase in insurance risk in some cases. Site-specific consideration is necessary to separate cases where landslides are artificially or naturally stabilised from those that may be active or may fail.

9.1.3 Soluble Rocks

Maximum Soluble Rocks* hazard rating identified on the study site Negligible

The following natural subsidence information provided by the British Geological Survey is not represented on mapping:

Hazard
Soluble rocks are present, but unlikely to cause problems except under exceptional conditions. No special actions required to avoid problems due to soluble rocks. No special ground investigation required, and increased construction costs or increased financial risks are unlikely due to potential problems with soluble rocks.

* This indicates an automatically generated 50m buffer and site.

9.1.4 Compressible Ground

Maximum Compressible Ground* hazard rating identified on the study site Negligible

The following natural subsidence information provided by the British Geological Survey is not represented on mapping:

Hazard

No indicators for compressible deposits identified. No special actions required to avoid problems due to compressible deposits. No special ground investigation required, and increased construction costs or increased financial risks are unlikely due to potential problems with compressible deposits.

9.1.5 Collapsible Rocks

Maximum Collapsible Rocks* hazard rating identified on the study site Very Low

The following natural subsidence information provided by the British Geological Survey is not represented on mapping:

Hazard

Deposits with potential to collapse when loaded and saturated are unlikely to be present. No special ground investigation required or increased construction costs or increased financial risk due to potential problems with collapsible deposits.

9.1.6 Running Sand

Maximum Running Sand** hazard rating identified on the study site Very Low

The following natural subsidence information provided by the British Geological Survey is not represented on mapping:

Hazard

Very low potential for running sand problems if water table rises or if sandy strata are exposed to water. No special actions required, to avoid problems due to running sand. No special ground investigation required, and increased construction costs or increased financial risks are unlikely due to potential problems with running sand.

* This indicates an automatically generated 50m buffer and site.

9.2 Radon

9.2.1 Radon Affected Areas

Is the property in a Radon Affected Area as defined by the Health Protection Agency (HPA) and if so what percentage of homes are above the Action Level? The site is in a Radon Affected Area, as between 10 and 30% of properties are above the Action Level.

The radon data in this report is supplied by the BGS/Public Health England and is the definitive map of Radon Affected Areas in Great Britain and Northern Ireland. The dataset was created using long-term radon measurements in over 479,000 homes across Great Britain and 23,000 homes across Northern Ireland, combined with geological data. The dataset is considered accurate to 50m to allow for the margin of error in geological lines, and the findings of this report supercede any answer given in the less accurate Indicative Atlas of Radon in Great Britain, which simplifies the data to give the highest risk within any given 1km grid square. As such, the radon atlas is considered indicative, whereas the data given in this report is considered definitive.

9.2.2 Radon Protection

Is the property in an area where Radon Protection are required for new properties or extensions to existing ones as described in publication BR211 by the Building Research Establishment? Full radon protective measures are necessary.

10. Mining

10.1 Coal Mining

Coal mining areas within 75m of the study site

None identified

Database searched and no data found.

10.2 Non-Coal Mining

Non-Coal Mining areas within 50m of the study site boundary

None identified

Database searched and no data found.

10.3 Brine Affected Areas

Brine affected areas within 75m of the study site

None identified

Guidance: No Guidance Required.

Contact Details

Groundsure Helpline
Telephone: 08444 159 000
info@groundsure.com

British Geological Survey Enquiries

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Keyworth, Nottingham NG12 5GG
Tel: 0115 936 3143.
Fax: 0115 936 3276.
Email:

Web: www.bgs.ac.uk

BGS Geological Hazards Reports and general geological enquiries:
enquiries@bgs.ac.uk

Environment Agency

National Customer Contact Centre, PO Box 544
Rotherham, S60 1BY
Tel: 03708 506 506

Web: www.environment-agency.gov.uk

Email: enquiries@environment-agency.gov.uk

Public Health England

Public information access office
Public Health England, Wellington House
133-155 Waterloo Road, London, SE1 8UG
www.gov.uk/phe

Email: enquiries@phe.gov.uk
Main switchboard: 020 7654 8000

The Coal Authority

200 Lichfield Lane
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Tel: 0345 7626 848
DX 716176 Mansfield 5
www.coal.gov.uk

Ordnance Survey

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SO16 0AS
Tel: 08456 050505

Local Authority

Authority: Tewkesbury Borough Council
Phone: 01684 295 010

Web: <http://tewkesbury.gov.uk/>

Address: Public Services Centre, Gloucester Road, Tewkesbury,

Gemapping PLC

Virginia Villas, High Street, Hartley Witney,
Hampshire RG27 8NW
Tel: 01252 845444



Public Health
England



The Coal
Authority



Acknowledgements: Site of Special Scientific Interest, National Nature Reserve, Ramsar Site, Special Protection Area, Special Area of Conservation data is provided by, and used with the permission of, Natural England/Natural Resources Wales who retain the Copyright and Intellectual Property Rights for the data.

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Groundsure

LOCATION INTELLIGENCE

Groundsure Reference: ARUP_2
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Report Date: 8th July 2019
Report Delivery Method: Email - pdf

Enviro Insight

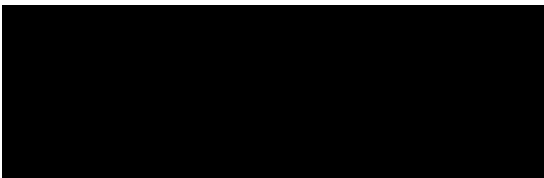
Address:

Dear Sir/ Madam,

Thank you for placing your order with Groundsure. Please find enclosed the **Groundsure Enviro Insight** as requested.

If you need any further assistance, please do not hesitate to contact our helpline on 08444 159000 quoting the above Groundsure reference number.

Yours faithfully,



Managing Director
Groundsure Limited

Enc.
Groundsure Enviroinsight

Address:

Date: 8th July 2019

Reference: ARUP_2

Client:



Aerial Photograph Capture date: 14-May-2018

Grid Reference: 567362,155547

Site Size: NaNha

Report Reference: ARUP_2

Client Reference: ARUP_2

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Overview of Findings

For further details on each dataset, please refer to each individual section in the main report as listed. Where the database has been searched a numerical result will be recorded. Where the database has not been searched '-' will be recorded.

Section 1: Historical Industrial Sites	On-site	0-50	51-250	251-500
1.1 Potentially Contaminative Uses identified from 1:10,000 scale mapping	311	22	27	72
1.2 Additional Information – Historical Tank Database	30	0	15	15
1.3 Additional Information – Historical Energy Features Database	13	0	2	2
1.4 Additional Information – Historical Petrol and Fuel Site Database	0	0	0	0
1.5 Additional Information – Historical Garage and Motor Vehicle Repair Database	4	0	0	0
1.6 Historical military sites	0	0	0	0
1.7 Potentially Infilled Land	317	13	45	40
Section 2: Environmental Permits, Incidents and Registers	On-site	0-50m	51-250	251-500
2.1 Industrial Sites Holding Environmental Permits and/or Authorisations				
2.1.1 Records of historic IPC Authorisations	0	0	0	0
2.1.2 Records of Part A(1) and IPPC Authorised Activities	0	0	0	0
2.1.3 Records of Red List Discharge Consents	0	0	0	0
2.1.4 Records of List 1 Dangerous Substances Inventory sites	0	0	0	0
2.1.5 Records of List 2 Dangerous Substances Inventory sites	0	0	0	0
2.1.6 Records of Part A(2) and Part B Activities and Enforcements	0	0	0	0
2.1.7 Records of Category 3 or 4 Radioactive Substances Authorisations	0	0	0	0
2.1.8 Records of Licensed Discharge Consents	24	4	3	2
2.1.9 Records of Water Industry Referrals	0	0	0	0
2.1.10 Records of Planning Hazardous Substance Consents and Enforcements within 500m of the study site	0	0	0	0
2.2 Records of COMAH and NIHHS sites	0	0	0	0
2.3 Environment Agency/Natural Resources Wales Recorded Pollution Incidents				
2.3.1 National Incidents Recording System, List 2	7	0	0	7
2.3.2 National Incidents Recording System, List 1	0	0	0	0
2.4 Sites Determined as Contaminated Land under Part 2A EPA 1990	0	0	0	0

Section 3: Landfill and Other Waste Sites	On-site	0-50m	51-250	251-500	501-1000	1000-1500
3.1 Landfill Sites						
3.1.1 Environment Agency/Natural Resources Wales Registered Landfill Sites	0	0	0	0	0	Not searched
3.1.2 Environment Agency/Natural Resources Wales Historic Landfill Sites	7	0	0	1	3	1
3.1.3 BGS/DoE Landfill Site Survey	0	0	0	0	0	0
3.1.4 Records of Landfills in Local Authority and Historical Mapping Records	0	0	0	0	0	0
3.2 Landfill and Other Waste Sites Findings						
3.2.1 Operational and Non-Operational Waste Treatment, Transfer and Disposal Sites	0	0	0	0	Not searched	Not searched
3.2.2 Environment Agency/Natural Resources Wales Licensed Waste Sites	0	0	0	2	9	0

Section 4: Current Land Use	On-site	0-50m	51-250	251-500
4.1 Current Industrial Sites Data	53	5	6	Not searched
4.2 Records of Petrol and Fuel Sites	0	0	0	1
4.3 National Grid Underground Electricity Cables	0	0	0	0
4.4 National Grid Gas Transmission Pipelines	0	0	1	1

Section 5: Geology	
5.1 Records of Artificial Ground and Made Ground present beneath the study site	None identified
5.2 Records of Superficial Ground and Drift Geology present beneath the study site	Identified
5.3 For records of Bedrock and Solid Geology beneath the study site see the detailed findings section.	

Section 6: Hydrogeology and Hydrology	0-500m					
6.1 Records of Strata Classification in the Superficial Geology within 500m of the study site	Identified					
6.2 Records of Strata Classification in the Bedrock Geology within 500m of the study site	Identified					
	On-site	0-50m	51-250	251-500	501-1000	1000-2000
6.3 Groundwater Abstraction Licences (within 2000m of the study site)	3	0	0	2	6	6
6.4 Surface Water Abstraction Licences (within 2000m of the study site)	5	2	1	1	6	7
6.5 Potable Water Abstraction Licences (within 2000m of the study site)	3	1	1	1	1	2
6.6 Source Protection Zones (within 500m of the study site)	1	0	0	0	Not searched	Not searched
6.7 Source Protection Zones within Confined Aquifer	0	0	0	0	Not searched	Not searched
6.8 Groundwater Vulnerability and Soil Leaching Potential (within 500m of the study site)	14	0	4	2	Not searched	Not searched

Section 6: Hydrogeology and Hydrology	0-500m					
	On-site	0-50m	51-250	251-500	501-1000	1000-1500
6.9 Environment Agency/Natural Resources Wales information on river quality within 1500m of the study site	No	No	No	No	Yes	Yes
6.10 Ordnance Survey MasterMap Water Network entries within 500m of the site	294	50	94	114	Not searched	Not searched
6.11 Surface water features within 250m of the study site	Yes	Yes	Yes	Not searched	Not searched	Not searched

Section 7: Flooding	
7.1 Environment Agency Zone 2 floodplains within 250m of the study site	Identified
7.2 Environment Agency/Natural Resources Wales Zone 3 floodplains within 250m of the study site	Identified
7.3 Risk of flooding from Rivers and the Sea (RoFRaS) rating for the study site	High
7.4 Flood Defences within 250m of the study site	None identified
7.5 Areas benefiting from Flood Defences within 250m of the study site	None identified
7.6 Areas used for Flood Storage within 250m of the study site	None identified
7.7 Maximum BGS Groundwater Flooding susceptibility within 50m of the study site	Potential at Surface
7.8 BGS confidence rating for the Groundwater Flooding susceptibility areas	High

Section 8: Designated Environmentally Sensitive Sites	On-site	0-50m	51-250	251-500	501-1000	1000-2000
8.1 Records of Sites of Special Scientific Interest (SSSI)	6	0	0	1	2	4
8.2 Records of National Nature Reserves (NNR)	0	0	0	0	0	2
8.3 Records of Special Areas of Conservation (SAC)	1	0	0	1	1	3
8.4 Records of Special Protection Areas (SPA)	0	0	0	0	0	0
8.5 Records of Ramsar sites	0	0	0	0	0	0
8.6 Records of Ancient Woodlands	2	0	3	5	0	10
8.7 Records of Local Nature Reserves (LNR)	0	0	0	0	0	0
8.8 Records of World Heritage Sites	0	0	0	0	0	0
8.9 Records of Environmentally Sensitive Areas	2	0	0	0	2	0

Section 8: Designated Environmentally Sensitive Sites

	On-site	0-50m	51-250	251-500	501-1000	1000-2000
8.10 Records of Areas of Outstanding Natural Beauty (AONB)	1	0	0	0	0	1
8.11 Records of National Parks	0	0	0	0	0	0
8.12 Records of Nitrate Sensitive Areas	0	0	0	0	0	0
8.13 Records of Nitrate Vulnerable Zones	3	0	0	0	1	3
8.14 Records of Green Belt land	3	0	0	0	0	5

Section 9: Natural Hazards

9.1 Maximum risk of natural ground subsidence

Moderate

9.1.1 Maximum Shrink-Swell hazard rating identified on the study site

Low

9.1.2 Maximum Landslides hazard rating identified on the study site

High

9.1.3 Maximum Soluble Rocks hazard rating identified on the study site

Low

9.1.4 Maximum Compressible Ground hazard rating identified on the study site

Moderate

9.1.5 Maximum Collapsible Rocks hazard rating identified on the study site

Very Low

9.1.6 Maximum Running Sand hazard rating identified on the study site

Low

9.2 Radon

9.2.1 Is the property in a Radon Affected Area as defined by the Health Protection Agency (HPA) and if so what percentage of homes are above the Action Level?

The site is in a Radon Affected Area, as between 10 and 30% of properties are above the Action Level.

9.2.2 Is the property in an area where Radon Protection are required for new properties or extensions to existing ones as described in publication BR211 by the Building Research Establishment?

Full radon protective measures are necessary.

Section 10: Mining

10.1 Coal mining areas within 75m of the study site

None identified

10.2 Non-Coal Mining areas within 50m of the study site boundary

Identified

10.3 Brine affected areas within 75m of the study site

None identified

Using this report

The following report is designed by Environmental Consultants for Environmental Professionals bringing together the most up-to-date market leading environmental data. This report is provided under and subject to the Terms & Conditions agreed between Groundsure and the Client. The document contains the following sections:

1. Historical Industrial Sites

Provides information on past land uses that may pose a risk to the study site in terms of potential contamination from activities or processes. Potentially Infilled Land features are also included. This search is conducted using radii of up to 500m.

2. Environmental Permits, Incidents and Registers

Provides information on Regulated Industrial Activities and Pollution Incidents as recorded by Regulatory Authorities, and sites determined as Contaminated Land. This search is conducted using radii up to 500m.

3. Landfills and Other Waste Sites

Provides information on landfills and other waste sites that may pose a risk to the study site. This search is conducted using radii up to 1500m.

4. Current Land Uses

Provides information on current land uses that may pose a risk to the study site in terms of potential contamination from activities or processes. These searches are conducted using radii of up to 500m. This includes information on potentially contaminative industrial sites, petrol stations and fuel sites as well as high pressure gas pipelines and underground electricity transmission lines.

5. Geology

Provides information on artificial and superficial deposits and bedrock beneath the study site.

6. Hydrogeology and Hydrology

Provides information on productive strata within the bedrock and superficial geological layers, abstraction licences, Source Protection Zones (SPZs) and river quality. These searches are conducted using radii of up to 2000m.

7. Flooding

Provides information on river and coastal flooding, flood defences, flood storage areas and groundwater flood areas. This search is conducted using radii of up to 250m.

8. Designated Environmentally Sensitive Sites

Provides information on the Sites of Special Scientific Interest (SSSI), National Nature Reserves (NNR), Special Areas of Conservation (SAC), Special Protection Areas (SPA), Ramsar sites, Local Nature Reserves (LNR), Areas of Outstanding Natural Beauty (AONB), National Parks (NP), Environmentally Sensitive Areas, Nitrate Sensitive Areas, Nitrate Vulnerable Zones and World Heritage Sites and Scheduled Ancient Woodland. These searches are conducted using radii of up to 2000m.

9. Natural Hazards

Provides information on a range of natural hazards that may pose a risk to the study site. These factors include natural ground subsidence and radon..

10. Mining

Provides information on areas of coal and non-coal mining and brine affected areas.

11. Contacts

This section of the report provides contact points for statutory bodies and data providers that may be able to provide further information on issues raised within this report. Alternatively, Groundsure provide a free Technical Helpline (08444 159000) for further information and guidance.

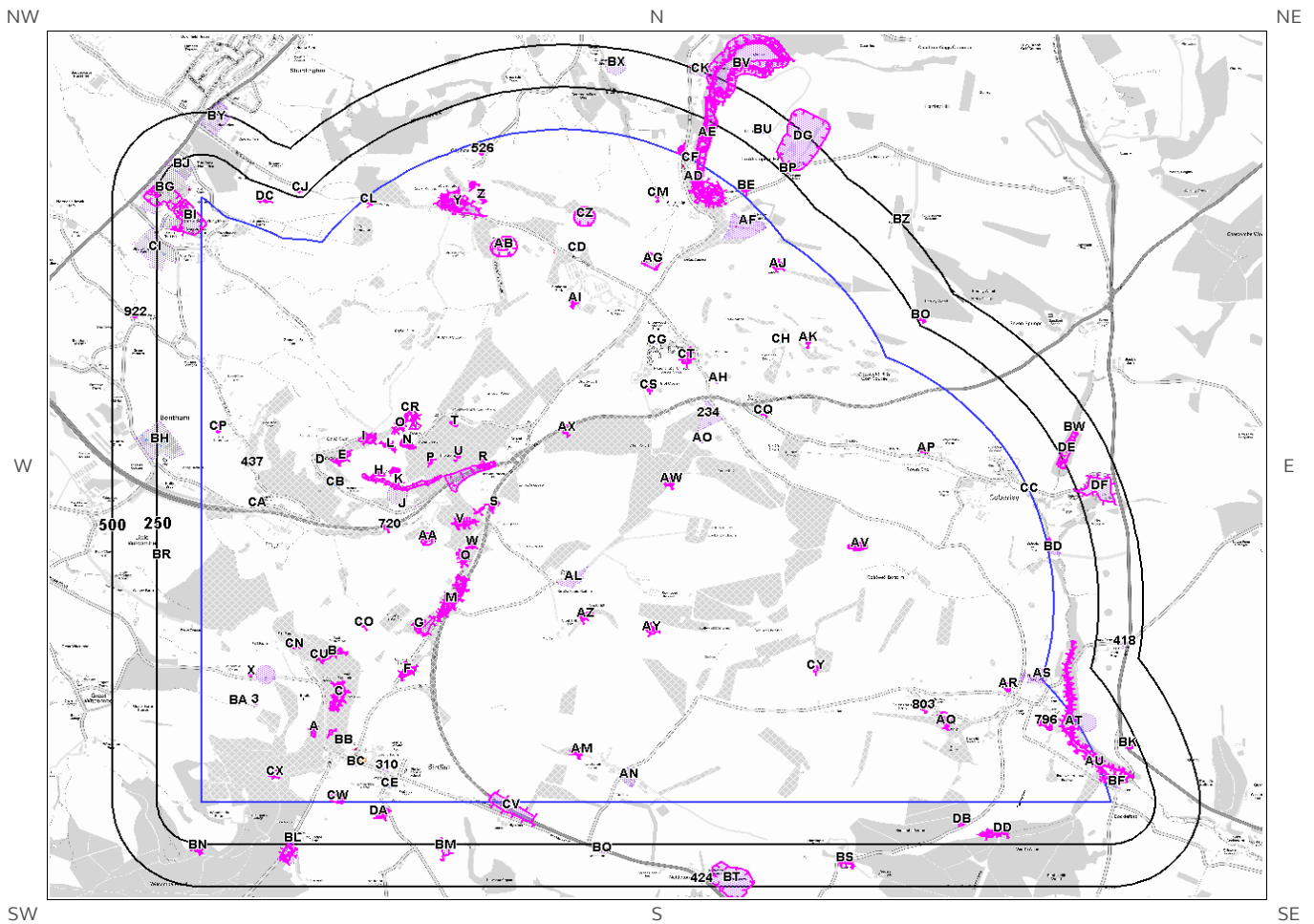
Note: Maps

Only certain features are placed on the maps within the report. All features represented on maps found within this search are given an identification number. This number identifies the feature on the mapping and correlates it to the additional information provided below. This identification number precedes all other information and takes the following format -Id: 1, Id: 2, etc. Where numerous features on the same map are in such close proximity that the numbers would obscure each other a letter identifier is used instead to represent the features. (e.g. Three features which overlap may be given the identifier "A" on the map and would be identified separately as features 1A, 3A, 10A on the data tables provided).

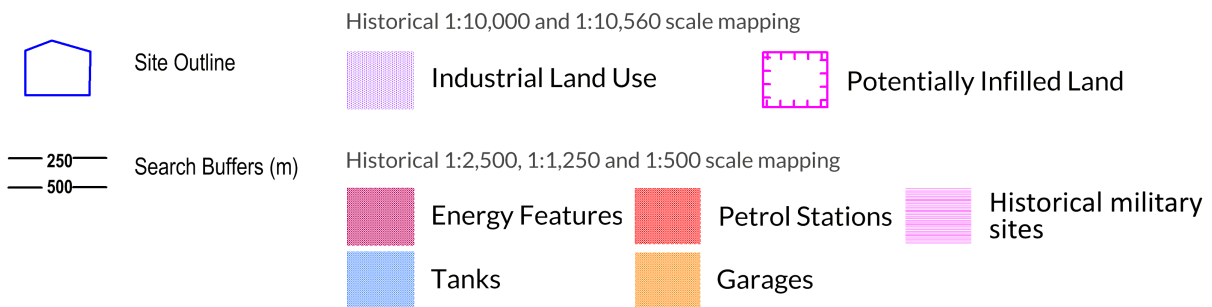
Where a feature is reported in the data tables to a distance greater than the map area, it is noted in the data table as "Not Shown".

All distances given in this report are in Metres (m). Directions are given as compass headings such as N: North, E: East, NE: North East from the nearest point of the study site boundary.

1. Historical Land Use



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1. Historical Industrial Sites

1.1 Potentially Contaminative Uses identified from 1:10,000 scale Mapping

The systematic analysis of data extracted from standard 1:10,560 and 1:10,000 scale historical maps provides the following information:

Records of sites with a potentially contaminative past land use within 500m of the search boundary: 432

ID	Distance [m]	Direction	Use	Date
1BA	0	On Site	Pumping Houses	1949
2X	0	On Site	Cuttings	1924
3	0	On Site	Pumping Houses	1949
4CN	0	On Site	Unspecified Pit	1883
5CX	0	On Site	Cuttings	1949
6CU	0	On Site	Unspecified Quarry	1949
7A	0	On Site	Cuttings	1883
8A	0	On Site	Cuttings	1949
9B	0	On Site	Unspecified Quarry	1924
10B	0	On Site	Unspecified Quarry	1901
11B	0	On Site	Unspecified Quarry	1924
12C	0	On Site	Unspecified Quarry	1883
13C	0	On Site	Unspecified Old Quarry	1949
14C	0	On Site	Unspecified Disused Quarry	1975
15C	0	On Site	Unspecified Quarry	1901
16C	0	On Site	Unspecified Quarry	1924
17C	0	On Site	Unspecified Old Quarry	1924
18D	0	On Site	Chimney	1949
19D	0	On Site	Chimney	1924
20D	0	On Site	Chimney	1924
21BC	0	On Site	Police Station	1975
22E	0	On Site	Unspecified Quarry	1924
23E	0	On Site	Unspecified Quarry	1924
24F	0	On Site	Unspecified Quarry	1949
25F	0	On Site	Unspecified Quarry	1901
26G	0	On Site	Unspecified Quarry	1924
27G	0	On Site	Unspecified Quarry	1949
28H	0	On Site	Unspecified Old Quarries	1883
29H	0	On Site	Unspecified Old Quarries	1924
30H	0	On Site	Unspecified Old Quarries	1900
31G	0	On Site	Unspecified Old Quarries	1900
32G	0	On Site	Unspecified Old Quarries	1924
33G	0	On Site	Unspecified Old Quarries	1883

34G	0	On Site	Unspecified Old Quarries	1920
35I	0	On Site	Sand Pit	1900
36I	0	On Site	Sand Pit	1883
37J	0	On Site	Old Lime Kiln	1949
38J	0	On Site	Old Lime Kiln	1924
39I	0	On Site	Sand Pit	1924
40I	0	On Site	Sand Pit	1920
41H	0	On Site	Unspecified Old Quarries	1883
42I	0	On Site	Sand Pit	1949
43I	0	On Site	Sand Pit	1924
44K	0	On Site	Unspecified Heap	1924
45K	0	On Site	Unspecified Old Quarries	1924
46K	0	On Site	Unspecified Old Quarries	1920
47K	0	On Site	Unspecified Old Quarries	1924
48K	0	On Site	Unspecified Old Quarries	1883
49K	0	On Site	Unspecified Old Quarries	1900
50K	0	On Site	Unspecified Old Quarries	1949
51J	0	On Site	Old Lime Kiln	1924
52AA	0	On Site	Old Gravel Pit	1900
53L	0	On Site	Unspecified Heap	1924
54L	0	On Site	Unspecified Heap	1924
55L	0	On Site	Unspecified Heap	1949
56L	0	On Site	Unspecified Heap	1924
57M	0	On Site	Unspecified Quarries	1883
58M	0	On Site	Unspecified Quarries	1900
59M	0	On Site	Unspecified Quarries	1924
60M	0	On Site	Unspecified Quarries	1949
61M	0	On Site	Unspecified Quarries	1920
62N	0	On Site	Unspecified Old Quarry	1924
63N	0	On Site	Unspecified Quarry	1920
64N	0	On Site	Unspecified Quarry	1883
65N	0	On Site	Unspecified Quarry	1900
66N	0	On Site	Unspecified Old Quarry	1924
67N	0	On Site	Unspecified Old Quarry	1949
68O	0	On Site	Unspecified Quarries	1924
69O	0	On Site	Unspecified Quarries	1920
70O	0	On Site	Unspecified Quarries	1924
71O	0	On Site	Unspecified Quarries	1949
72P	0	On Site	Unspecified Old Quarries	1900
73P	0	On Site	Unspecified Old Quarries	1883
74P	0	On Site	Unspecified Quarry	1920
75P	0	On Site	Unspecified Quarry	1924
76P	0	On Site	Unspecified Pit	1924
77P	0	On Site	Unspecified Pit	1924
78Q	0	On Site	Unspecified Old Quarries	1920
79Q	0	On Site	Unspecified Old Quarries	1900

80Q	0	On Site	Unspecified Old Quarries	1924
81Q	0	On Site	Unspecified Old Quarries	1924
82P	0	On Site	Unspecified Quarry	1949
83Q	0	On Site	Unspecified Old Quarries	1949
84Q	0	On Site	Unspecified Quarries	1883
85O	0	On Site	Unspecified Pit	1924
86O	0	On Site	Unspecified Pit	1924
87O	0	On Site	Unspecified Pit	1949
88V	0	On Site	Unspecified Pit	1883
89O	0	On Site	Unspecified Pits	1920
90O	0	On Site	Old Gravel Pits	1900
91O	0	On Site	Unspecified Pits	1924
92O	0	On Site	Unspecified Disused Quarry	1992
93R	0	On Site	Old Gravel Pits	1900
94R	0	On Site	Unspecified Pit	1920
95R	0	On Site	Unspecified Pit	1924
96R	0	On Site	Unspecified Pit	1949
97R	0	On Site	Unspecified Pit	1924
98R	0	On Site	Unspecified Pit	1924
99R	0	On Site	Unspecified Pit	1924
100R	0	On Site	Unspecified Pit	1924
101R	0	On Site	Old Gravel Pits	1900
102R	0	On Site	Unspecified Pit	1924
103R	0	On Site	Unspecified Pit	1920
104Q	0	On Site	Unspecified Pit	1883
105H	0	On Site	Unspecified Heap	1924
106H	0	On Site	Unspecified Old Quarries	1920
107H	0	On Site	Unspecified Old Quarries	1924
108G	0	On Site	Unspecified Quarry	1920
109F	0	On Site	Unspecified Quarry	1883
110E	0	On Site	Unspecified Quarry	1949
111CO	0	On Site	Unspecified Old Quarry	1900
112C	0	On Site	Unspecified Disused Quarry	1992
113R	0	On Site	Unspecified Pit	1949
114S	0	On Site	Unspecified Quarries	1924
115S	0	On Site	Unspecified Quarries	1920
116S	0	On Site	Unspecified Quarries	1924
117S	0	On Site	Unspecified Old Quarries	1949
118S	0	On Site	Unspecified Quarry	1900
119T	0	On Site	Unspecified Ground Workings	1924
120T	0	On Site	Unspecified Quarry	1883
121R	0	On Site	Cuttings	1992
122R	0	On Site	Cuttings	1975
123U	0	On Site	Unspecified Pit	1949

124U	0	On Site	Unspecified Pit	1924
125U	0	On Site	Unspecified Pit	1924
126U	0	On Site	Unspecified Old Quarries	1883
127U	0	On Site	Unspecified Old Quarries	1920
128U	0	On Site	Unspecified Old Quarries	1900
129U	0	On Site	Unspecified Old Quarries	1924
130V	0	On Site	Unspecified Old Quarry	1900
131Q	0	On Site	Unspecified Old Quarry	1924
132W	0	On Site	Unspecified Old Quarry	1949
133W	0	On Site	Unspecified Quarries	1900
134W	0	On Site	Unspecified Quarries	1883
135W	0	On Site	Unspecified Quarries	1920
136W	0	On Site	Unspecified Old Quarry	1924
137O	0	On Site	Unspecified Quarries	1949
138V	0	On Site	Unspecified Quarry	1924
139V	0	On Site	Unspecified Old Quarry	1949
140CR	0	On Site	Unspecified Pit	1949
141O	0	On Site	Unspecified Quarry	1900
142O	0	On Site	Unspecified Quarries	1920
143O	0	On Site	Unspecified Quarries	1924
144V	0	On Site	Unspecified Quarry	1924
145V	0	On Site	Unspecified Quarry	1920
146V	0	On Site	Unspecified Quarry	1900
147O	0	On Site	Unspecified Quarries	1924
148O	0	On Site	Unspecified Pit	1924
149O	0	On Site	Unspecified Pit	1924
150O	0	On Site	Unspecified Disused Quarry	1975
151M	0	On Site	Unspecified Quarries	1924
152G	0	On Site	Unspecified Quarry	1924
153F	0	On Site	Unspecified Quarry	1924
154J	0	On Site	Old Lime Kiln	1920
155X	0	On Site	Unspecified Tank	1883
156BI	0	On Site	Sand Pit	1949
157Y	0	On Site	Unspecified Quarries	1883
158Y	0	On Site	Unspecified Disused Quarry	1992
159Y	0	On Site	Unspecified Disused Quarry	1975
160Y	0	On Site	Unspecified Old Quarries	1949
161AB	0	On Site	Unspecified Heap	1924
162Y	0	On Site	Unspecified Old Quarries	1924
163Y	0	On Site	Unspecified Old Quarries	1900
164Y	0	On Site	Unspecified Old Quarries	1920
165Z	0	On Site	Unspecified Pit	1949
166Z	0	On Site	Unspecified Old Quarries	1924
167Z	0	On Site	Unspecified Old Quarries	1900

168Z	0	On Site	Unspecified Pit	1924
169Z	0	On Site	Unspecified Old Quarries	1920
170Z	0	On Site	Unspecified Old Quarries	1949
171Z	0	On Site	Unspecified Old Quarries	1920
172Z	0	On Site	Unspecified Old Quarries	1900
173AA	0	On Site	Old Gravel Pit	1920
174Z	0	On Site	Unspecified Old Quarries	1924
175Z	0	On Site	Unspecified Old Quarries	1924
176Y	0	On Site	Unspecified Old Quarries	1924
177AB	0	On Site	Unspecified Heap	1924
178Z	0	On Site	Unspecified Pit	1924
179AC	0	On Site	Unspecified Quarry	1920
180AC	0	On Site	Unspecified Quarry	1924
181AC	0	On Site	Unspecified Quarry	1900
182AC	0	On Site	Unspecified Quarry	1883
183AC	0	On Site	Unspecified Quarry	1949
184AC	0	On Site	Unspecified Disused Quarry	1992
185AC	0	On Site	Unspecified Disused Quarry	1975
186AD	0	On Site	Old Gravel Pit	1900
187AD	0	On Site	Unspecified Pit	1924
188AD	0	On Site	Unspecified Pit	1924
189AE	0	On Site	Unspecified Quarries	1920
190AE	0	On Site	Unspecified Quarry	1900
191AF	0	On Site	Sanatorium	1920
192AF	0	On Site	Sanatorium	1924
193AF	0	On Site	Sanatorium	1949
194AC	0	On Site	Unspecified Ground Workings	1924
195AD	0	On Site	Unspecified Pit	1924
196AD	0	On Site	Unspecified Pit	1920
197AD	0	On Site	Unspecified Pit	1949
198AG	0	On Site	Disused Sewage Works	1992
199AG	0	On Site	Disused Sewage Works	1975
200AG	0	On Site	Unspecified Tanks	1975
201AG	0	On Site	Unspecified Tanks	1949
202AG	0	On Site	Unspecified Tanks	1992
203AH	0	On Site	Unspecified Tank	1975
204AH	0	On Site	Unspecified Tank	1992
205AI	0	On Site	Unspecified Pit	1949
206AI	0	On Site	Unspecified Ground Workings	1924
207AC	0	On Site	Unspecified Quarry	1924
208AJ	0	On Site	Unspecified Old Quarry	1924
209AK	0	On Site	Unspecified Quarry	1954
210AJ	0	On Site	Unspecified Old Quarry	1949

211AJ	0	On Site	Unspecified Disused Quarry	1975
212AJ	0	On Site	Unspecified Disused Quarry	1992
213AI	0	On Site	Unspecified Quarry	1920
214AK	0	On Site	Unspecified Quarry	1920
215AJ	0	On Site	Unspecified Old Quarry	1920
216AI	0	On Site	Unspecified Old Quarry	1900
217AK	0	On Site	Unspecified Quarry	1900
218AJ	0	On Site	Unspecified Old Quarry	1900
219AJ	0	On Site	Unspecified Old Quarry	1883
220AI	0	On Site	Unspecified Pit	1924
221AF	0	On Site	Sanatorium	1924
222AI	0	On Site	Unspecified Pit	1924
223AJ	0	On Site	Unspecified Old Quarry	1924
224AK	0	On Site	Gravel Pit	1924
225CZ	0	On Site	Old Gravel Pit	1900
226AL	0	On Site	Radio Station	1975
227AL	0	On Site	Radio Station	1992
228AM	0	On Site	Unspecified Tank	1949
229AM	0	On Site	Unspecified Tank	1924
230AN	0	On Site	Unspecified Commercial/Industrial	1975
231AN	0	On Site	Unspecified Tanks	1975
232AN	0	On Site	Unspecified Tank	1975
233AW	0	On Site	Unspecified Quarry	1924
234	0	On Site	Nursery	1883
235AO	0	On Site	Unspecified Tank	1992
236AO	0	On Site	Unspecified Tank	1975
237CY	0	On Site	Unspecified Quarry	1883
238AV	0	On Site	Unspecified Old Quarry	1924
239AP	0	On Site	Unspecified Old Quarry	1924
240AP	0	On Site	Unspecified Pit	1954
241AQ	0	On Site	Unspecified Quarry	1924
242AQ	0	On Site	Unspecified Quarry	1924
243AQ	0	On Site	Unspecified Quarry	1901
244AR	0	On Site	Unspecified Quarry	1883
245AR	0	On Site	Unspecified Old Quarry	1901
246AR	0	On Site	Smithy	1924
247AR	0	On Site	Smithy	1949
248AR	0	On Site	Smithy	1924
249AS	0	On Site	Sawmill	1924
250AS	0	On Site	Sawmill	1924
251AS	0	On Site	Sawmill	1949
252AT	0	On Site	Boat House	1924
253AT	0	On Site	Boat House	1924
254AT	0	On Site	Boat House	1901

255AT	0	On Site	Boat House	1949
256AU	0	On Site	Boat House	1949
257AU	0	On Site	Boat House	1901
258AU	0	On Site	Boat House	1924
259AV	0	On Site	Unspecified Old Quarry	1954
260AW	0	On Site	Unspecified Old Quarry	1949
261AZ	0	On Site	Unspecified Quarry	1949
262AY	0	On Site	Gravel Pit	1949
263AQ	0	On Site	Unspecified Disused Quarry	1976
264AQ	0	On Site	Unspecified Quarry	1949
265AX	0	On Site	Unspecified Pit	1949
266AX	0	On Site	Unspecified Pit	1920
267AX	0	On Site	Unspecified Pit	1924
268AY	0	On Site	Gravel Pit	1924
269AZ	0	On Site	Unspecified Quarry	1924
270AZ	0	On Site	Unspecified Quarry	1920
271AY	0	On Site	Gravel Pit	1920
272AW	0	On Site	Unspecified Quarry	1920
273AP	0	On Site	Unspecified Old Quarry	1920
274AV	0	On Site	Unspecified Old Quarry	1920
275CQ	0	On Site	Unspecified Quarry	1900
276AZ	0	On Site	Unspecified Old Quarry	1900
277AX	0	On Site	Unspecified Old Quarry	1900
278AW	0	On Site	Unspecified Quarry	1900
279AP	0	On Site	Unspecified Old Quarry	1900
280AV	0	On Site	Unspecified Old Quarry	1900
281AX	0	On Site	Unspecified Old Quarry	1883
282AW	0	On Site	Unspecified Quarry	1883
283AP	0	On Site	Unspecified Old Quarry	1883
284AV	0	On Site	Unspecified Old Quarry	1883
285AX	0	On Site	Unspecified Pit	1924
286AP	0	On Site	Unspecified Pit	1924
287AX	0	On Site	Unspecified Pit	1924
288AW	0	On Site	Unspecified Old Quarry	1924
289AP	0	On Site	Unspecified Pit	1924
290AV	0	On Site	Unspecified Quarry	1924
291AZ	0	On Site	Unspecified Quarry	1924
292AY	0	On Site	Gravel Pit	1924
293AQ	0	On Site	Unspecified Quarry	1924
294AT	0	On Site	Boat House	1883
295AU	0	On Site	Boat House	1924
296AM	0	On Site	Unspecified Tank	1924
297AT	0	On Site	Boat House	1924
298AR	0	On Site	Sawmill	1924
299AR	0	On Site	Smithy	1924

300BA	0	On Site	Pumping Houses	1924
301BA	0	On Site	Pumping Houses	1924
302BA	0	On Site	Pumping Houses	1924
303BA	0	On Site	Pumping Houses	1924
304A	0	On Site	Unspecified Pit	1975
305A	0	On Site	Unspecified Pit	1992
306BB	0	On Site	Electric Substation	1992
307BB	0	On Site	Electric Substation	1975
308BC	0	On Site	Police Station	1992
309BC	0	On Site	Smithy	1901
310	0	On Site	Smithy	1901
311CV	0	On Site	Cuttings	1992
312BD	2	E	Unspecified Mill	1924
313AE	4	NE	Gravel Pit	1949
314BD	5	E	Unspecified Disused Mill	1954
315AE	6	NE	Gravel Pit	1924
316AE	6	NE	Gravel Pit	1920
317BD	8	E	Unspecified Disused Mill	1975
318AE	9	NE	Gravel Pit	1924
319BD	10	E	Unspecified Mill	1900
320BD	11	E	Corn Mill	1924
321BD	11	E	Corn Mill	1920
322BD	11	E	Corn Mill	1883
323BE	16	NE	Unspecified Ground Workings	1949
324BE	20	NE	Unspecified Ground Workings	1924
325BE	23	NE	Unspecified Ground Workings	1924
326BE	23	NE	Unspecified Ground Workings	1924
327BE	24	NE	Unspecified Old Quarry	1900
328BE	24	NE	Unspecified Old Quarry	1883
329BE	24	NE	Unspecified Ground Workings	1920
330BF	46	E	Smithy	1924
331BF	46	E	Smithy	1883
332BF	46	E	Smithy	1901
333BF	47	E	Smithy	1949
334BF	53	E	Smithy	1924
335BD	57	E	Unspecified Tank	1975
336BG	73	NW	Unspecified Works	1992
337BG	73	NW	Unspecified Works	1975
338AE	80	NE	Unspecified Quarries	1924
339BH	96	W	Unspecified Works	1975
340BH	96	W	Unspecified Works	1992
341DB	97	S	Unspecified Quarry	1883

342BI	107	W	Nursery	1992
343BJ	138	NW	Nurseries	1992
344BJ	138	NW	Nurseries	1975
345CI	144	W	Nursery	1992
346BK	177	NE	Unspecified Pit	1924
347BK	177	NE	Unspecified Pit	1924
348BK	177	NE	Unspecified Pit	1949
349BK	178	NE	Unspecified Pit	1924
350BK	178	NE	Unspecified Pit	1924
351BK	178	NE	Unspecified Old Quarry	1901
352BK	181	NE	Unspecified Old Quarry	1883
353BL	185	S	Smithy	1924
354BL	185	S	Smithy	1924
355BL	185	S	Smithy	1901
356BR	220	W	Pumping House	1924
357BM	228	S	Sewage Works	1992
358BM	228	S	Sewage Works	1975
359BL	244	S	Smithy	1949
360DF	247	E	Unspecified Ground Workings	1975
361BM	254	S	Unspecified Tank	1992
362BM	254	S	Unspecified Tank	1975
363BL	256	S	Sawmills	1924
364BL	256	S	Sawmills	1901
365BL	256	S	Sawmills	1924
366BN	257	S	Unspecified Quarry	1901
367BN	257	S	Unspecified Quarry	1924
368BN	257	S	Unspecified Quarry	1883
369BL	259	S	Unspecified Quarry	1883
370BO	259	NE	Unspecified Pit	1975
371BO	261	NE	Unspecified Pit	1920
372BO	261	NE	Unspecified Old Quarry	1900
373BO	261	NE	Unspecified Old Quarry	1883
374BO	261	NE	Unspecified Pit	1924
375BL	262	S	Unspecified Quarry	1924
376BL	262	S	Unspecified Quarry	1924
377BL	262	S	Unspecified Quarry	1901
378BO	262	NE	Unspecified Pit	1954
379BO	263	NE	Unspecified Pit	1924
380BO	263	NE	Unspecified Pit	1924
381BL	264	S	Unspecified Quarry	1949
382BP	265	NE	Engine House	1975
383BN	267	S	Unspecified Old Quarry	1949
384BP	269	NE	Engine House	1924
385BP	270	NE	Engine House	1954
386BP	272	NE	Engine House	1924

387BP	272	NE	Engine House	1920
388BN	272	S	Unspecified Old Quarry	1924
389BQ	276	S	Malthouse	1883
390BQ	278	S	Malthouse	1992
391BQ	278	S	Malthouse	1975
392DG	297	NE	Unspecified Disused Quarry	1975
393BR	317	W	Pumping House	1924
394BS	337	S	Unspecified Disused Quarry	1976
395BS	337	S	Unspecified Quarry	1949
396BS	339	S	Unspecified Quarry	1924
397BS	339	S	Unspecified Old Quarry	1883
398BS	341	S	Unspecified Disused Quarry	1924
399BS	341	S	Unspecified Disused Quarry	1924
400BS	342	S	Unspecified Quarry	1901
401BX	346	N	Unspecified Tank	1884
402BU	348	NE	Unspecified Tank	1949
403BV	350	NE	Unspecified Quarries	1924
404BT	351	S	Unspecified Quarry	1975
405BT	351	S	Unspecified Quarry	1992
406BU	354	NE	Unspecified Tank	1920
407BU	354	NE	Unspecified Tank	1924
408BU	356	NE	Unspecified Tank	1924
409BV	367	NE	Unspecified Quarries	1921
410BY	372	N	Nurseries	1992
411BV	372	NE	Unspecified Quarries	1901
412BV	372	NE	Unspecified Quarries	1921
413BW	382	NE	Boat House	1900
414BW	382	NE	Boat House	1920
415BW	382	NE	Boat House	1924
416BW	383	NE	Boat House	1924
417BW	385	NE	Boat House	1954
418	397	E	Telephone Exchange	1975
419BX	397	N	Unspecified Tank	1885
420DH	407	NE	Unspecified Pit	1949
421BV	410	NE	Unspecified Quarries	1938
422BV	411	NE	Unspecified Quarries	1949
423CK	463	N	Chimney	1938
424	465	S	Police Station	1883
425BY	473	N	Nurseries	1975
426BV	478	NE	Chimney	1884
427BZ	491	NE	Engine House	1924
428BZ	491	NE	Engine House	1920
429BZ	491	NE	Engine House	1924

430BV	494	NE	Chimney	1885
431BZ	494	NE	Engine House	1954
432BZ	494	NE	Pump House	1975

1.2 Additional Information – Historical Tank Database

The systematic analysis of data extracted from High Detailed 1:1,250 and 1:2,500 scale historical maps provides the following information.

Records of historical tanks within 500m of the search boundary:

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ID	Distance (m)	Direction	Use	Date
433CA	0	On Site	Unspecified Tank	1922
434CA	0	On Site	Unspecified Tank	1902
435CB	0	On Site	Unspecified Tank	1922
436CB	0	On Site	Unspecified Tank	1939
437	0	On Site	Unspecified Tank	1922
438CF	0	On Site	Unspecified Tank	1923
439CB	0	On Site	Unspecified Tank	1973
440CE	0	On Site	Unspecified Tank	1973
441CC	0	On Site	Tanks	1973
442CC	0	On Site	Tanks	1973
443AG	0	On Site	Tanks	1973
444AG	0	On Site	Tanks	1973
445CD	0	On Site	Unspecified Tank	1973
446AM	0	On Site	Unspecified Tank	1973
447CD	0	On Site	Unspecified Tank	1998
448AM	0	On Site	Unspecified Tank	1994
449CE	0	On Site	Unspecified Tank	1997
450CE	0	On Site	Unspecified Tank	1989
451CE	0	On Site	Unspecified Tank	1989
452CB	0	On Site	Unspecified Tank	1994
453CB	0	On Site	Unspecified Tank	1996
454CF	0	On Site	Unspecified Tank	1994
455CC	0	On Site	Tanks	1998
456AM	0	On Site	Unspecified Tank	1922
457AM	0	On Site	Unspecified Tank	1989
458CC	0	On Site	Tanks	1994
459CH	0	On Site	Unspecified Tank	1994
460CG	0	On Site	Unspecified Tank	1980
461CG	0	On Site	Unspecified Tank	1980
462CH	0	On Site	Unspecified Tank	1994
463AU	54	E	Unspecified Tank	1973
464DA	74	S	Unspecified Tank	1998

465BI	120	W	Unspecified Tank	1991
466BH	188	W	Unspecified Tank	1973
467BH	189	W	Unspecified Tank	1996
468BH	191	W	Unspecified Tank	1991
469BH	198	W	Unspecified Tank	1973
470BH	198	W	Tanks	1996
471BH	200	W	Tanks	1991
472BJ	202	NW	Unspecified Tank	1998
473BJ	203	NW	Unspecified Tank	1991
474CI	208	W	Unspecified Tank	1998
475CI	210	W	Unspecified Tank	1973
476BH	225	W	Unspecified Tank	1973
477BM	231	S	Tanks	1991
478BG	251	NW	Unspecified Tank	1994
479BM	255	S	Unspecified Tank	1994
480CJ	283	N	Tanks	1884
481CJ	284	NE	Unspecified Tank	1973
482CJ	284	N	Tanks	1991
483BH	302	W	Tanks	1973
484BH	303	W	Tanks	1996
485BH	305	W	Unspecified Tank	1991
486BH	327	W	Unspecified Tank	1973
487BH	329	W	Unspecified Tank	1996
488BH	330	W	Unspecified Tank	1994
489BU	350	NE	Unspecified Tank	1973
490BU	350	NE	Unspecified Tank	1923
491BU	354	NE	Unspecified Tank	1887
492BX	401	N	Unspecified Tank	

1.3 Additional Information – Historical Energy Features Database

The systematic analysis of data extracted from High Detailed 1:1,250 and 1:2,500 scale historical maps provides the following information.

Records of historical energy features within 500m of the search boundary:

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ID	Distance (m)	Direction	Use	Date
493CF	0	On Site	Electricity Substation	1994
494AF	0	On Site	Electricity Substation	1994
495AL	0	On Site	Electricity Substation	1973
496AL	0	On Site	Electricity Substation	1990
497BB	0	On Site	Electricity Substation	1989
498BB	0	On Site	Electricity Substation	1989
499BB	0	On Site	Electricity Substation	1973

500AL	0	On Site	Electricity Substation	1990
501BB	0	On Site	Electricity Substation	1997
502AL	0	On Site	Electricity Substation	1994
503CF	0	On Site	Electricity Substation	1973
504CD	0	On Site	Electricity Substation	1973
505CD	0	On Site	Electricity Substation	1998
506BG	80	NW	Electricity Substation	1991
507BG	81	NW	Electricity Substation	1973
508CK	499	N	Electricity Substation	1994
509CK	499	N	Electricity Substation	1973

1.4 Additional Information – Historical Petrol and Fuel Site Database

The systematic analysis of data extracted from High Detailed 1:1,250 and 1:2,500 scale historical maps provides the following information.

Records of historical petrol stations and fuel sites within 500m of the search boundary: 0

Database searched and no data found.

1.5 Additional Information – Historical Garage and Motor Vehicle Repair Database

The systematic analysis of data extracted from High Detailed 1:1,250 and 1:2,500 scale historical maps provides the following information.

Records of historical garage and motor vehicle repair sites within 500m of the search boundary: 4

ID	Distance (m)	Direction	Use	Date
510BC	0	On Site	Garage	1989
511BC	0	On Site	Garage	1989
512BC	0	On Site	Garage	1973
513BC	0	On Site	Garage	1997

1.6 Historical military sites

Certain military installations were not noted on historic mapping for security reasons. Whilst not all military land is necessarily of concern, Groundsure has researched and digitised a number of Ordnance Factories and other military industrial features (e.g. Ordnance Depots, Munitions Testing Grounds) which may be of contaminative concern. This research was drawn from a number of different sources, and should not be regarded as a definitive or exhaustive database of potentially contaminative military installations. The boundaries of sites within this database have been estimated from the best evidence available to Groundsure at the time of compilation.

Records of historical military sites within 500m of the search boundary:

0

Database searched and no data found.

1.7 Potentially Infilled Land

Records of Potentially Infilled Features from 1:10,000 scale mapping within 500m of the study site: 415

The following Historical Potentially Infilled Features derived from the Historical Mapping information is provided by Groundsure:

ID	Distance(m)	Direction	Use	Date
514BI	0	On Site	Sand Pit	1949
515CL	0	On Site	Reservoir	1900
516CL	0	On Site	Reservoir	1920
517CL	0	On Site	Reservoir	1924
518CL	0	On Site	Covered Reservoir	1992
519CL	0	On Site	Reservoir	1949
520CL	0	On Site	Covered Reservoir	1975
521Y	0	On Site	Unspecified Old Quarries	1949
522Y	0	On Site	Unspecified Old Quarries	1924
523Y	0	On Site	Unspecified Old Quarries	1900
524Y	0	On Site	Unspecified Disused Quarry	1975
525Y	0	On Site	Unspecified Disused Quarry	1992
526	0	On Site	Ponds	1883
527Y	0	On Site	Unspecified Quarries	1883
528Z	0	On Site	Unspecified Old Quarries	1949
529Z	0	On Site	Unspecified Old Quarries	1920
530Z	0	On Site	Unspecified Old Quarries	1924
531Z	0	On Site	Unspecified Old Quarries	1900
532Z	0	On Site	Unspecified Old Quarries	1900
533Z	0	On Site	Unspecified Old Quarries	1920
534Z	0	On Site	Unspecified Old Quarries	1924
535AI	0	On Site	Unspecified Pit	1949
536AI	0	On Site	Unspecified Old Quarry	1900
537AI	0	On Site	Unspecified Quarry	1920
538AI	0	On Site	Unspecified Ground Workings	1924
539CM	0	On Site	Pond	1949
540CM	0	On Site	Pond	1920
541CM	0	On Site	Pond	1924
542AG	0	On Site	Disused Sewage Works	1975
543AG	0	On Site	Disused Sewage Works	1992
544AD	0	On Site	Unspecified Pit	1949
545AD	0	On Site	Old Gravel Pit	1900
546AD	0	On Site	Unspecified Pit	1924

547AE	0	On Site	Unspecified Quarry	1900
548AE	0	On Site	Unspecified Quarries	1920
549AC	0	On Site	Unspecified Ground Workings	1924
550AC	0	On Site	Unspecified Quarry	1920
551AC	0	On Site	Unspecified Quarry	1949
552AC	0	On Site	Unspecified Quarry	1900
553AC	0	On Site	Unspecified Disused Quarry	1975
554AC	0	On Site	Unspecified Disused Quarry	1992
555AC	0	On Site	Unspecified Quarry	1924
556AC	0	On Site	Unspecified Quarry	1883
557AJ	0	On Site	Unspecified Old Quarry	1920
558AJ	0	On Site	Unspecified Old Quarry	1900
559AJ	0	On Site	Unspecified Old Quarry	1883
560AJ	0	On Site	Unspecified Disused Quarry	1992
561AJ	0	On Site	Unspecified Disused Quarry	1975
562AJ	0	On Site	Unspecified Old Quarry	1949
563AJ	0	On Site	Unspecified Old Quarry	1924
564AD	0	On Site	Unspecified Pit	1924
565AI	0	On Site	Unspecified Pit	1924
566Z	0	On Site	Unspecified Pit	1924
567A	0	On Site	Cuttings	1949
568A	0	On Site	Unspecified Pit	1992
569C	0	On Site	Unspecified Old Quarry	1924
570C	0	On Site	Unspecified Disused Quarry	1975
571C	0	On Site	Unspecified Disused Quarry	1992
572C	0	On Site	Unspecified Old Quarry	1949
573F	0	On Site	Unspecified Quarry	1901
574F	0	On Site	Unspecified Quarry	1949
575B	0	On Site	Unspecified Quarry	1949
576B	0	On Site	Unspecified Quarry	1924
577CN	0	On Site	Unspecified Pit	1883
578G	0	On Site	Unspecified Old Quarries	1900
579G	0	On Site	Unspecified Old Quarries	1920
580G	0	On Site	Unspecified Old Quarries	1924
581G	0	On Site	Unspecified Old Quarries	1883
582AY	0	On Site	Gravel Pit	1949
583AY	0	On Site	Gravel Pit	1924
584AY	0	On Site	Gravel Pit	1920
585G	0	On Site	Unspecified Quarry	1920
586G	0	On Site	Unspecified Quarry	1924
587G	0	On Site	Unspecified Quarry	1949

588CO	0	On Site	Unspecified Old Quarry	1900
589AZ	0	On Site	Unspecified Quarry	1949
590AZ	0	On Site	Unspecified Quarry	1920
591AZ	0	On Site	Unspecified Quarry	1924
592M	0	On Site	Unspecified Quarries	1949
593M	0	On Site	Unspecified Quarries	1920
594M	0	On Site	Unspecified Quarries	1924
595M	0	On Site	Unspecified Quarries	1900
596AZ	0	On Site	Unspecified Old Quarry	1900
597Q	0	On Site	Unspecified Old Quarries	1924
598Q	0	On Site	Unspecified Old Quarries	1900
599Q	0	On Site	Unspecified Old Quarries	1920
600Q	0	On Site	Unspecified Old Quarries	1949
601Q	0	On Site	Unspecified Pit	1883
602Q	0	On Site	Unspecified Old Quarry	1924
603Q	0	On Site	Unspecified Quarries	1900
604Q	0	On Site	Unspecified Quarries	1920
605AD	0	On Site	Unspecified Pit	1920
606AB	0	On Site	Unspecified Heap	1924
607Z	0	On Site	Unspecified Pit	1949
608Y	0	On Site	Unspecified Old Quarries	1920
609A	0	On Site	Unspecified Pit	1975
610F	0	On Site	Unspecified Quarry	1883
611CL	0	On Site	Reservoir	1924
612Z	0	On Site	Unspecified Pit	1924
613AJ	0	On Site	Unspecified Old Quarry	1924
614AI	0	On Site	Unspecified Pit	1924
615AD	0	On Site	Unspecified Pit	1924
616AC	0	On Site	Unspecified Quarry	1924
617AB	0	On Site	Unspecified Heap	1924
618Y	0	On Site	Unspecified Old Quarries	1924
619Z	0	On Site	Unspecified Old Quarries	1924
620W	0	On Site	Unspecified Old Quarry	1949
621AA	0	On Site	Old Gravel Pit	1900
622V	0	On Site	Unspecified Quarry	1900
623V	0	On Site	Unspecified Quarry	1920
624V	0	On Site	Unspecified Quarry	1924
625V	0	On Site	Unspecified Old Quarry	1949
626V	0	On Site	Unspecified Pit	1883
627S	0	On Site	Unspecified Old Quarry	1900
628S	0	On Site	Unspecified Quarries	1920
629S	0	On Site	Unspecified Quarries	1924
630S	0	On Site	Unspecified Quarry	1900
631S	0	On Site	Unspecified Old Quarries	1949
632R	0	On Site	Cuttings	1975
633R	0	On Site	Cuttings	1992

634K	0	On Site	Unspecified Old Quarries	1949
635AW	0	On Site	Unspecified Quarry	1924
636AW	0	On Site	Unspecified Quarry	1900
637AW	0	On Site	Unspecified Quarry	1920
638AW	0	On Site	Unspecified Old Quarry	1949
639H	0	On Site	Unspecified Old Quarries	1924
640H	0	On Site	Unspecified Old Quarries	1900
641H	0	On Site	Unspecified Old Quarries	1920
642H	0	On Site	Unspecified Old Quarries	1883
643H	0	On Site	Unspecified Old Quarries	1883
644H	0	On Site	Unspecified Old Quarries	1883
645H	0	On Site	Unspecified Old Quarries	1900
646H	0	On Site	Unspecified Old Quarries	1920
647H	0	On Site	Unspecified Old Quarries	1924
648R	0	On Site	Unspecified Pit	1920
649R	0	On Site	Unspecified Pit	1924
650R	0	On Site	Old Gravel Pits	1900
651R	0	On Site	Unspecified Pit	1949
652P	0	On Site	Unspecified Quarry	1924
653P	0	On Site	Unspecified Quarry	1920
654E	0	On Site	Unspecified Quarry	1949
655P	0	On Site	Unspecified Quarry	1949
656P	0	On Site	Unspecified Old Quarries	1883
657P	0	On Site	Unspecified Old Quarries	1900
658E	0	On Site	Unspecified Quarry	1924
659E	0	On Site	Unspecified Quarry	1924
660R	0	On Site	Unspecified Pit	1924
661R	0	On Site	Old Gravel Pits	1900
662R	0	On Site	Unspecified Pit	1920
663R	0	On Site	Unspecified Pit	1949
664U	0	On Site	Unspecified Pit	1949
665U	0	On Site	Unspecified Old Quarries	1883
666U	0	On Site	Unspecified Old Quarries	1920
667U	0	On Site	Unspecified Old Quarries	1924
668U	0	On Site	Unspecified Old Quarries	1900
669L	0	On Site	Unspecified Heap	1924
670L	0	On Site	Unspecified Heap	1949
671L	0	On Site	Unspecified Old Quarry	1924
672L	0	On Site	Unspecified Quarry	1920
673L	0	On Site	Unspecified Quarry	1900
674L	0	On Site	Unspecified Old Quarry	1949
675I	0	On Site	Sand Pit	1924
676I	0	On Site	Sand Pit	1920
677I	0	On Site	Sand Pit	1949
678I	0	On Site	Sand Pit	1900
679AX	0	On Site	Unspecified Pit	1920

680AX	0	On Site	Unspecified Pit	1924
681AX	0	On Site	Unspecified Old Quarry	1900
682CP	0	On Site	Pond	1900
683AX	0	On Site	Unspecified Pit	1949
684O	0	On Site	Unspecified Quarries	1920
685O	0	On Site	Unspecified Quarries	1924
686CP	0	On Site	Pond	1883
687O	0	On Site	Unspecified Quarries	1949
688O	0	On Site	Unspecified Disused Quarry	1975
689O	0	On Site	Unspecified Disused Quarry	1992
690T	0	On Site	Unspecified Ground Workings	1924
691T	0	On Site	Unspecified Quarry	1883
692O	0	On Site	Unspecified Quarries	1924
693O	0	On Site	Unspecified Quarry	1900
694O	0	On Site	Unspecified Quarries	1920
695O	0	On Site	Unspecified Quarries	1949
696O	0	On Site	Unspecified Pits	1920
697O	0	On Site	Old Gravel Pits	1900
698O	0	On Site	Unspecified Pits	1924
699O	0	On Site	Unspecified Pit	1949
700CQ	0	On Site	Unspecified Quarry	1900
701CR	0	On Site	Unspecified Pit	1949
702CS	0	On Site	Reservoir	1924
703CS	0	On Site	Reservoir	1900
704CS	0	On Site	Reservoir	1920
705CS	0	On Site	Reservoir	1949
706CT	0	On Site	Pond	1920
707CT	0	On Site	Pond	1900
708CT	0	On Site	Pond	1924
709CT	0	On Site	Pond	1992
710CT	0	On Site	Pond	1949
711CT	0	On Site	Pond	1975
712CT	0	On Site	Pond	1883
713I	0	On Site	Sand Pit	1883
714L	0	On Site	Unspecified Quarry	1883
715AX	0	On Site	Unspecified Old Quarry	1883
716AW	0	On Site	Unspecified Quarry	1883
717W	0	On Site	Unspecified Quarries	1883
718W	0	On Site	Unspecified Quarries	1883
719M	0	On Site	Unspecified Quarries	1883
720	0	On Site	Pond	1883
721C	0	On Site	Unspecified Quarry	1924
722CU	0	On Site	Unspecified Quarry	1924
723X	0	On Site	Cuttings	1924

724B	0	On Site	Unspecified Quarry	1901
725C	0	On Site	Unspecified Quarry	1901
726C	0	On Site	Unspecified Quarry	1883
727A	0	On Site	Cuttings	1883
728CR	0	On Site	Unspecified Pit	1924
729CR	0	On Site	Unspecified Pit	1924
730AX	0	On Site	Unspecified Pit	1924
731H	0	On Site	Unspecified Heap	1924
732L	0	On Site	Unspecified Heap	1924
733P	0	On Site	Unspecified Pit	1924
734U	0	On Site	Unspecified Pit	1924
735R	0	On Site	Unspecified Pit	1924
736R	0	On Site	Unspecified Pit	1924
737O	0	On Site	Unspecified Quarries	1924
738CR	0	On Site	Unspecified Quarries	1924
739CR	0	On Site	Unspecified Pit	1924
740CR	0	On Site	Unspecified Pit	1924
741I	0	On Site	Sand Pit	1924
742AX	0	On Site	Unspecified Pit	1924
743CT	0	On Site	Ponds	1924
744CS	0	On Site	Reservoir	1924
745H	0	On Site	Unspecified Old Quarries	1924
746H	0	On Site	Unspecified Old Quarries	1924
747H	0	On Site	Unspecified Heap	1924
748L	0	On Site	Unspecified Old Quarry	1924
749L	0	On Site	Unspecified Heap	1924
750P	0	On Site	Unspecified Pit	1924
751U	0	On Site	Unspecified Pit	1924
752R	0	On Site	Unspecified Pit	1924
753R	0	On Site	Unspecified Pit	1924
754AW	0	On Site	Unspecified Old Quarry	1924
755V	0	On Site	Unspecified Quarry	1924
756W	0	On Site	Unspecified Old Quarry	1924
757W	0	On Site	Unspecified Old Quarries	1924
758S	0	On Site	Unspecified Quarries	1924
759M	0	On Site	Unspecified Quarries	1924
760G	0	On Site	Unspecified Quarry	1924
761AZ	0	On Site	Unspecified Quarry	1924
762AY	0	On Site	Gravel Pit	1924
763F	0	On Site	Unspecified Quarry	1924
764CV	0	On Site	Cuttings	1992
765CW	0	On Site	Covered Reservoir	1992
766CW	0	On Site	Covered Reservoir	1975
767CX	0	On Site	Cuttings	1949
768AM	0	On Site	Pond	1924
769AM	0	On Site	Pond	1924

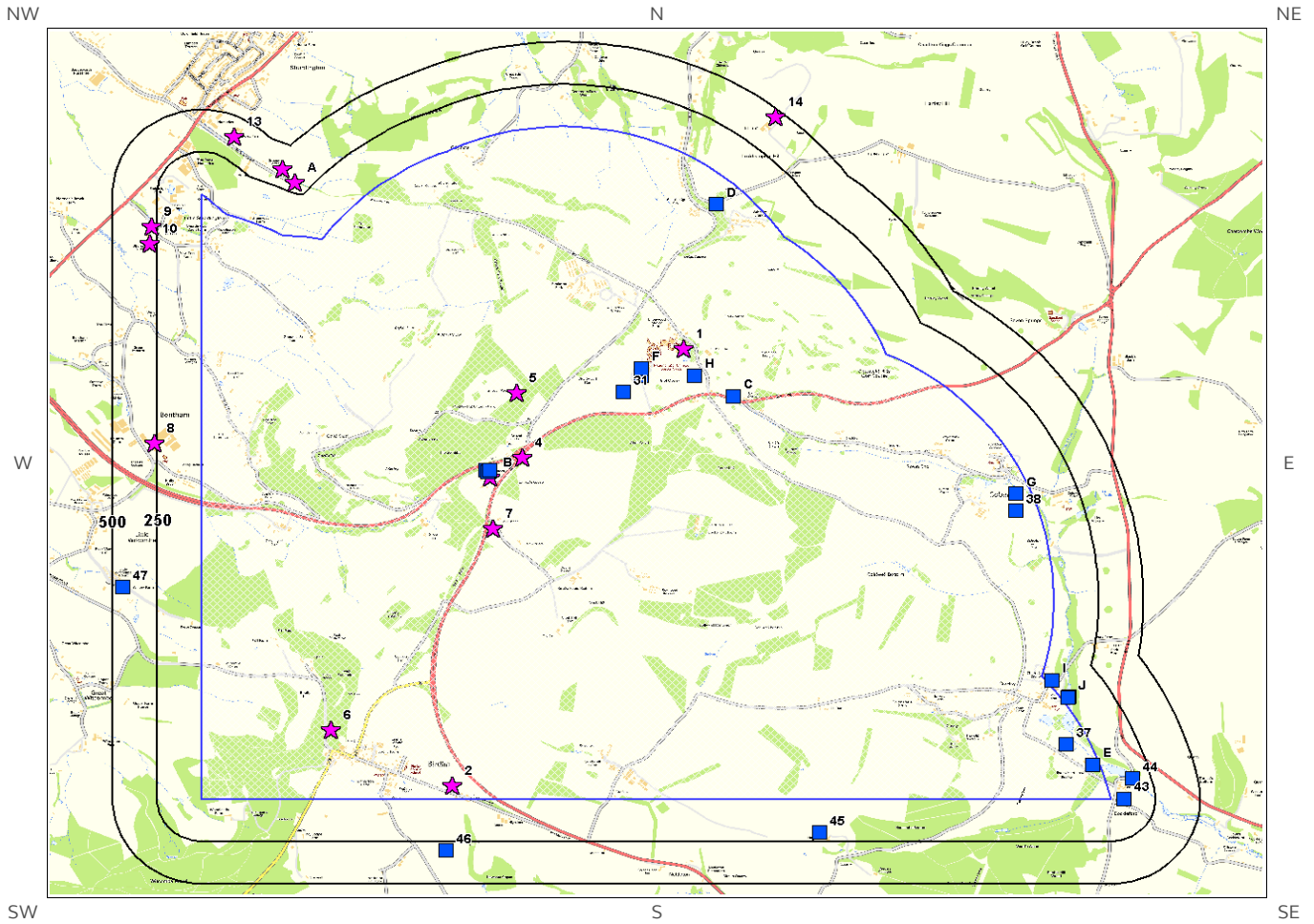
770AM	0	On Site	Pond	1901
771AM	0	On Site	Pond	1883
772AM	0	On Site	Pond	1975
773AM	0	On Site	Pond	1949
774AM	0	On Site	Pond	1992
775AM	0	On Site	Pond	1924
776AV	0	On Site	Unspecified Old Quarry	1900
777AV	0	On Site	Unspecified Old Quarry	1924
778AV	0	On Site	Unspecified Old Quarry	1920
779AV	0	On Site	Unspecified Old Quarry	1883
780AV	0	On Site	Unspecified Old Quarry	1954
781AP	0	On Site	Unspecified Old Quarry	1924
782AP	0	On Site	Unspecified Old Quarry	1883
783AP	0	On Site	Unspecified Old Quarry	1900
784AP	0	On Site	Unspecified Old Quarry	1920
785AP	0	On Site	Unspecified Pit	1954
786AK	0	On Site	Unspecified Quarry	1920
787AK	0	On Site	Unspecified Quarry	1900
788AK	0	On Site	Unspecified Quarry	1954
789AP	0	On Site	Unspecified Pit	1924
790AK	0	On Site	Gravel Pit	1924
791AP	0	On Site	Unspecified Pit	1924
792AV	0	On Site	Unspecified Quarry	1924
793AQ	0	On Site	Reservoir	1924
794AT	0	On Site	Ponds	1924
795AQ	0	On Site	Unspecified Quarry	1924
796	0	On Site	Ponds	1924
797AU	0	On Site	Pond	1924
798AU	0	On Site	Pond	1976
799AB	0	On Site	Covered Reservoir	1975
800AB	0	On Site	Covered Reservoir	1992
801CY	0	On Site	Unspecified Quarry	1883
802AQ	0	On Site	Reservoir	1924
803	0	On Site	Reservoir	1949
804AQ	0	On Site	Reservoir	1901
805AQ	0	On Site	Reservoir	1924
806AQ	0	On Site	Reservoir	1924
807AQ	0	On Site	Unspecified Quarry	1924
808AQ	0	On Site	Unspecified Quarry	1924
809AQ	0	On Site	Unspecified Quarry	1949
810AQ	0	On Site	Unspecified Disused Quarry	1976
811AQ	0	On Site	Unspecified Quarry	1901
812AR	0	On Site	Unspecified Quarry	1883
813AR	0	On Site	Unspecified Old Quarry	1901
814AT	0	On Site	Ponds	1883

815AT	0	On Site	Ponds	1924
816AT	0	On Site	Pond	1976
817AT	0	On Site	Pond	1949
818AT	0	On Site	Pond	1901
819AT	0	On Site	Pond	1924
820AT	0	On Site	Water Body	1883
821AT	0	On Site	Ponds	1949
822AT	0	On Site	Water Body	1901
823AT	0	On Site	Water Body	1924
824AT	0	On Site	Water Body	1924
825AT	0	On Site	Ponds	1976
826AU	0	On Site	Water Body	1901
827AU	0	On Site	Water Body	1924
828AU	0	On Site	Water Body	1924
829CZ	0	On Site	Old Gravel Pit	1900
830AA	0	On Site	Old Gravel Pit	1920
831AE	4	NE	Gravel Pit	1949
832AE	6	NE	Gravel Pit	1924
833AE	6	NE	Gravel Pit	1920
834AE	9	NE	Gravel Pit	1924
835BD	13	E	Pond	1975
836BE	16	NE	Unspecified Ground Workings	1949
837BE	20	NE	Unspecified Ground Workings	1924
838BE	23	NE	Unspecified Ground Workings	1924
839BE	23	NE	Unspecified Ground Workings	1924
840BE	24	NE	Unspecified Ground Workings	1920
841BE	24	NE	Unspecified Old Quarry	1900
842BE	24	NE	Unspecified Old Quarry	1883
843	44	NE	Pond	1883
844DA	66	S	Reservoirs	1992
845DA	66	S	Reservoirs	1975
846DA	69	S	Disused Reservoirs	1949
847BI	74	W	Pond	1992
848DA	74	S	Reservoirs	1924
849DA	76	S	Reservoirs	1924
850DA	76	S	Reservoirs	1924
851DA	76	S	Reservoirs	1901
852AE	80	NE	Unspecified Quarries	1924
853BI	92	W	Pond	1975
854DB	97	S	Unspecified Quarry	1883
855BI	103	W	Pond	1883
856BG	111	W	Pond	1949

















857BI	116	W	Pond	1924
858BI	116	W	Pond	1900
859BI	118	W	Pond	1924
860DC	155	N	Pond	1949
861DC	155	N	Pond	1992
862DC	155	N	Pond	1975
863DC	163	N	Pond	1883
864DD	164	S	Pond	1976
865DC	165	N	Pond	1924
866DC	165	N	Pond	1900
867DC	165	N	Pond	1924
868DD	168	S	Ponds	1883
869DD	171	S	Ponds	1949
870DD	172	S	Ponds	1924
871DD	175	S	Pond	1924
872DD	175	S	Ponds	1924
873DD	175	S	Pond	1901
874BK	177	NE	Unspecified Pit	1924
875BK	177	NE	Unspecified Pit	1924
876BK	177	NE	Unspecified Pit	1949
877BK	178	NE	Unspecified Pit	1924
878BK	178	NE	Unspecified Pit	1924
879BK	178	NE	Unspecified Old Quarry	1901
880BK	181	NE	Unspecified Old Quarry	1883
881DE	209	NE	Pond	1900
882DE	209	NE	Pond	1920
883DE	209	NE	Pond	1924
884DE	210	NE	Pond	1924
885BM	228	S	Sewage Works	1975
886BM	228	S	Sewage Works	1992
887DF	247	E	Unspecified Ground Workings	1975
888BG	249	W	Pond	1975
889BN	257	S	Unspecified Quarry	1924
890BN	257	S	Unspecified Quarry	1901
891BN	257	S	Unspecified Quarry	1883
892BL	259	S	Unspecified Quarry	1883
893BO	259	NE	Unspecified Pit	1975
894BO	261	NE	Unspecified Pit	1920
895BO	261	NE	Unspecified Old Quarry	1883
896BO	261	NE	Unspecified Old Quarry	1900
897BO	261	NE	Unspecified Pit	1924
898BL	262	S	Unspecified Quarry	1924
899BL	262	S	Unspecified Quarry	1924
900BL	262	S	Unspecified Quarry	1901
901BO	262	NE	Unspecified Pit	1954

902BO	263	NE	Unspecified Pit	1924
903BO	263	NE	Unspecified Pit	1924
904BL	264	S	Unspecified Quarry	1949
905BN	267	S	Unspecified Old Quarry	1949
906BN	272	S	Unspecified Old Quarry	1924
907CJ	275	N	Reservoir	1949
908CJ	282	N	Reservoir	1924
909CJ	282	N	Reservoir	1900
910CJ	282	N	Reservoir	1924
911DG	297	NE	Unspecified Disused Quarry	1975
912BS	337	S	Unspecified Quarry	1949
913BS	337	S	Unspecified Disused Quarry	1976
914BS	339	S	Unspecified Quarry	1924
915BS	339	S	Unspecified Old Quarry	1883
916BS	341	S	Unspecified Disused Quarry	1924
917BS	341	S	Unspecified Disused Quarry	1924
918BS	342	S	Unspecified Quarry	1901
919BV	350	NE	Unspecified Quarries	1924
920BT	351	S	Unspecified Quarry	1992
921BT	351	S	Unspecified Quarry	1975
922	355	W	Pond	1883
923BV	367	NE	Unspecified Quarries	1921
924BV	372	NE	Unspecified Quarries	1901
925BV	372	NE	Unspecified Quarries	1921
926DH	407	NE	Unspecified Pit	1949
927BV	410	NE	Unspecified Quarries	1938
928BV	411	NE	Unspecified Quarries	1949

2. Environmental Permits, Incidents and Registers Map



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- | | | | | | |
|---|--------------------|---|-------------------------------|---|--|
|  | Site Outline |  | Recorded Pollution Incident |  | RAS 3 & 4 Authorisations |
|  | Search Buffers (m) |  | Dangerous Substances (List 1) |  | Part A(1) Authorised Processes and Historic IPC Authorisations |
|  | 500 |  | Dangerous Substances (List 2) |  | Part A(2) and Part B Authorised Processes |
|  | 250 |  | Water Industry Referrals |  | COMAH / NIHHS Sites |
| | |  | Licensed Discharge Consents |  | Sites Determined as Contaminated Land |
| | |  | Red List Discharge Consents |  | Hazardous Substance Consents and Enforcements |

2. Environmental Permits, Incidents and Registers

2.1 Industrial Sites Holding Licences and/or Authorisations

Searches of information provided by the Environment Agency/Natural Resources Wales and Local Authorities reveal the following information:

2.1.1 Records of historic IPC Authorisations within 500m of the study site:

0

Database searched and no data found.

2.1.2 Records of Part A(1) and IPPC Authorised Activities within 500m of the study site:

0

Database searched and no data found.

2.1.3 Records of Red List Discharge Consents (potentially harmful discharges to controlled waters) within 500m of the study site:

0

Database searched and no data found.

2.1.4 Records of List 1 Dangerous Substances Inventory Sites within 500m of the study site:

0

Database searched and no data found.

2.1.5 Records of List 2 Dangerous Substance Inventory Sites within 500m of the study site:

0

Database searched and no data found.

2.1.6 Records of Part A(2) and Part B Activities and Enforcements within 500m of the study site:

0

Database searched and no data found.

2.1.7 Records of Category 3 or 4 Radioactive Substances Authorisations:

0

Database searched and no data found.

2.1.8 Records of Licensed Discharge Consents within 500m of the study site:

33

The following Licensed Discharge Consents records are represented as points on the Environmental Permits, Incidents and Registers Map:

ID	Distance (m)	Direction	NGR	Details	
15B	0	On Site	393340 216030	Address: THE AIR BALLOON PUBLIC HOUSE, BIRDLIP, GLOUCESTERSHIRE Effluent Type: SEWAGE & TRADE COMBINED - UNSPECIFIED Permit Number: S/20/25901/SG Permit Version: 1	Receiving Water: UNDERGROUND STRATA (SOAKAWAY) Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 30/01/2002 Effective Date: 30-Jan-2002 Revocation Date: 01/04/2012
16C	0	On Site	394717 216477	Address: COTSWOLD HILL GOLF CLUB, ULLENWOOD, CHELTENHAM, GLOUCESTERSHIRE, ,, GL53 9QT Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: EPRPP3523GD Permit Version: 2	Receiving Water: TRIB OF THE RIVER CHURN Status: VARIED UNDER EPR 2010 Issue date: 04/02/2012 Effective Date: 04-Feb-2012 Revocation Date: -
17C	0	On Site	394717 216477	Address: COTSWOLD HILL GOLF CLUB, ULLENWOOD, CHELTENHAM, GLOUCESTERSHIRE, ,, GL53 9QT Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: EPRPP3523GD Permit Version: 2	Receiving Water: TRIB OF THE RIVER CHURN Status: VARIED UNDER EPR 2010 Issue date: 04/02/2012 Effective Date: 04-Feb-2012 Revocation Date: -
18C	0	On Site	394717 216477	Address: COTSWOLD HILL GOLF CLUB, ULLENWOOD, CHELTENHAM, GLOUCESTERSHIRE, ,, GL53 9QT Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: EPRPP3523GD Permit Version: 1	Receiving Water: TRIB OF THE RIVER CHURN Status: NEW ISSUED UNDER EPR 2010 Issue date: 18/01/2012 Effective Date: 18-Jan-2012 Revocation Date: 03/02/2012
19B	0	On Site	393340 216030	Address: THE AIR BALLOON PUBLIC HOUSE, BIRDLIP, GLOUCESTERSHIRE Effluent Type: SEWAGE & TRADE COMBINED - UNSPECIFIED Permit Number: S/20/25901/SG	Receiving Water: UNDERGROUND STRATA (SOAKAWAY) Status: VARIED UNDER EPR 2010 Issue date: 02/04/2012 Effective Date: 02-Apr-2012

ID	Distance (m)	Direction	NGR	Details	
				Permit Version: 2	Revocation Date: -
20D	0	On Site	394620 217610	Address: SALTERLEY GRANGE, LECKHAMPTON HILL, CHELTENHAM, GLOUCESTERSHIRE Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: S/20/14099/SG Permit Version: 1	Receiving Water: UNDERGROUND STRATA Status: PRE NRA LEGISLATION WHERE ISSUE DATE < 01-SEP-89 (HISTORIC ONLY) Issue date: 30/06/1980 Effective Date: 30-Jun-1980 Revocation Date: 01/04/2012
21D	0	On Site	394620 217610	Address: SALTERLEY GRANGE, LECKHAMPTON HILL, CHELTENHAM, GLOUCESTERSHIRE Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: S/20/14099/SG Permit Version: 2	Receiving Water: UNDERGROUND STRATA Status: VARIED UNDER EPR 2010 Issue date: 02/04/2012 Effective Date: 02-Apr-2012 Revocation Date: -
22E	0	On Site	396730 214300	Address: GIRL GUIDE TRAINING CENTRE, COWLEY, GIRL GUIDE TRAINING CENTRE, COWL, EY MANOR, COWLEY, GLOUCESTERSHIR, E Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: CNTW.1283 Permit Version: 2	Receiving Water: COTTESWOLD SANDS O/L INFERIOR Status: MODIFIED - (WRA 91 SCHED 10 - AS AMENDED BY ENV ACT 1995) Issue date: 13/04/2007 Effective Date: 13-Apr-2007 Revocation Date: 20/12/2012
23E	0	On Site	396730 214300	Address: GIRL GUIDE TRAINING CENTRE, COWLEY, GIRL GUIDE TRAINING CENTRE, COWL, EY MANOR, COWLEY, GLOUCESTERSHIR, E Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: CNTW.1283 Permit Version: 1	Receiving Water: COTTESWOLD SANDS O/L INFERIOR Status: TRANSFERRED FROM WATER ACT 1989 Issue date: 30/10/1991 Effective Date: 30-Oct-1991 Revocation Date: 13/04/2007
24E	0	On Site	396730 214300	Address: GIRL GUIDE TRAINING CENTRE, COWLEY, GIRL GUIDE TRAINING CENTRE, COWL, EY MANOR, COWLEY, GLOUCESTERSHIR, E Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: CNTW.1283 Permit Version: 3	Receiving Water: COTTESWOLD SANDS O/L INFERIOR Status: VARIED UNDER EPR 2010 Issue date: 21/12/2012 Effective Date: 21-Dec-2012 Revocation Date: -
25B	0	On Site	393330 216040	Address: AIR BALLOON PUBLIC HOUSE, BIRDLIP, GLOUCESTERSHIRE Effluent Type: SEWAGE & TRADE COMBINED - UNSPECIFIED Permit Number: S/20/25422/SG Permit Version: 1	Receiving Water: UNDERGROUND STRATA Status: MODIFIED - (WRA 91 SCHED 10 - AS AMENDED BY ENV ACT 1995) Issue date: 23/11/1998 Effective Date: 19-Feb-1999 Revocation Date: 29/01/2002
26F	0	On Site	394200 216640	Address: THE NATIONAL STAR CENTRE, ULLENWOOD, CHELTENHAM, GLOUCESTERSHIRE, ?, GL53 9QU Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: CATM.3427 Permit Version: 1	Receiving Water: THE ULLENWOOD STREAM Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 23/03/1999 Effective Date: 02-Sep-1998 Revocation Date: -
27F	0	On Site	394200 216600	Address: NOS 1 TO 3 MOAT COTTAGES, FILKINS, LECHLADE, GLOUCESTERSHIRE, GL7 3JQ Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY	Receiving Water: TRIB OF CHURN Status: REVOKED - UNSPECIFIED Issue date: 11/02/1974 Effective Date: 11-Feb-1974 Revocation Date: 04/06/1991

ID	Distance (m)	Direction	NGR	Details	
				Permit Number: CTR.1388 Permit Version: 1	
28G	0	On Site	396300 215901	Address: Coberley Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: TEMP.2492 Permit Version: 1	Receiving Water: ULLENWOOD STREAM Status: TEMPORARY CONSENTS (WATER ACT 1989, SECTION 113) Issue date: 02/11/1989 Effective Date: 02-Nov-1989 Revocation Date: 02/09/2010
29H	0	On Site	394500 216600	Address: ULLENWOOD MANOR, ULLENWOOD, CHELTEN, ULLENWOOD MANOR, ULLENWOOD, CHEL, TENHAM, GLOS Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: CNTW.1055 Permit Version: 1	Receiving Water: LAND Status: TRANSFERRED FROM WATER ACT 1989 Issue date: 05/06/1991 Effective Date: 05-Jun-1991 Revocation Date: 24/07/1991
30G	0	On Site	396300 215901	Address: Coberley Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: TEMP.2492 Permit Version: 2	Receiving Water: Ullenwood Stream Status: SURRENDERED UNDER EPR 2010 Issue date: 03/09/2010 Effective Date: 03-Sep-2010 Revocation Date: 31/03/2016
31	0	On Site	394100 216500	Address: NOS 1 TO 3 MOAT COTTAGES, FILKINS, LECHLADE, GLOUCESTERSHIRE, GL7 3JQ Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: CNTW.1054 Permit Version: 1	Receiving Water: UN-NAMED TRIB OF THE R. CHURN Status: CONSENT REVOKED OR REVISED - NEW CONSENT ISSUED (37(1)) Issue date: 05/06/1991 Effective Date: 05-Jun-1991 Revocation Date: 23/02/1999
32H	0	On Site	394500 216600	Address: ULLENWOOD MANOR, ULLENWOOD, CHELTEN, ULLENWOOD MANOR, ULLENWOOD, CHEL, TENHAM, GLOS Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: CNTW.1055 Permit Version: 2	Receiving Water: ULLENWOOD STREAM Status: CONSENT REVOKED OR REVISED - NEW CONSENT ISSUED (37(1)) Issue date: 25/07/1991 Effective Date: 25-Jul-1991 Revocation Date: 23/02/1999
33B	0	On Site	393350 216040	Address: AIR BALLOON PUBLIC HOUSE, BIRDLIP, GLOUCESTERSHIRE Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: S/20/21402/SG Permit Version: 1	Receiving Water: TO GROUND Status: REVOKED (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 28/04/1992 Effective Date: 28-Apr-1992 Revocation Date: 18/02/1999
34G	0	On Site	396300 215900	Address: COBERLEY STW, COBERLEY, GLOS Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - WATER COMPANY Permit Number: CSSC.1089 Permit Version: 1	Receiving Water: ULLENWOOD STREAM Status: TRANSFERRED FROM COPA 1974 Issue date: 10/10/1985 Effective Date: 10-Oct-1985 Revocation Date: 31/12/2009
35G	0	On Site	396300 215900	Address: COBERLEY STW, COBERLEY, GLOS Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - WATER COMPANY Permit Number: CSSC.1089 Permit Version: 2	Receiving Water: ULLENWOOD STREAM Status: TRANSFERRED FROM COPA 1974 Issue date: 25/09/2009 Effective Date: 01-Jan-2010 Revocation Date: 31/03/2010
36G	0	On Site	396300 215900	Address: COBERLEY STW, COBERLEY, GLOS Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - WATER COMPANY Permit Number: CSSC.1089	Receiving Water: ULLENWOOD STREAM Status: VARIED BY APPLICATION - (WRA 91 SCHED 10 - AS AMENDED BY ENV ACT 1995) Issue date: 01/04/2010

ID	Distance (m)	Direction	NGR	Details	
				Permit Version: 3	Effective Date: 01-Apr-2010 Revocation Date: -
37	0	On Site	396580 214420	Address: GLOS. GIRL GUIDES ASSOC. TRAINING C, GLOS. GIRL GUIDES ASSOC. TRAININ, G CENTRE, COWLEY MANOR, COWLEY Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: CTCU.1617 Permit Version: 1	Receiving Water: UPPER LIAS STRATA Status: REVOKED - UNSPECIFIED Issue date: 06/02/1984 Effective Date: 06-Feb-1984 Revocation Date: 30/10/1991
38	0	On Site	396300 215800	Address: DAY VISITORS CENTRE, CLOSE FARM, CO, DAY VISITORS CENTRE, CLOSE FARM, COBERLEY, NEAR CHELTENHAM, GLOS Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: CTWC.1959 Permit Version: 1	Receiving Water: INFERIOR OOLITE Status: LAPSED UNDER SCHEDULE 23 ENVIRONMENT ACT 1995 Issue date: 22/10/1987 Effective Date: 22-Oct-1987 Revocation Date: 01/10/1996
39I	27	NE	396500 214800	Address: CHURNSIDE CAMP, COWLEY, GLOS Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: CTWC.1088 Permit Version: 1	Receiving Water: COTTESWOLD SAND Status: TRANSFERRED FROM COPA 1974 Issue date: 30/07/1986 Effective Date: 30-Jul-1986 Revocation Date: -
40I	27	NE	396500 214800	Address: CHURNSIDE CAMP, COWLEY, GLOS Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: CTWC.1089 Permit Version: 1	Receiving Water: COTTESWOLD SAND Status: TRANSFERRED FROM COPA 1974 Issue date: 30/07/1986 Effective Date: 30-Jul-1986 Revocation Date: -
41J	34	NE	396590 214700	Address: CAWLEY MANOR, COWLEY, CHELTENHAM, GLOUCESTERSHIRE, GL53 9NL Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: CAWM.0369 Permit Version: 1	Receiving Water: RIVER CHURN Status: REVOKED (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 06/02/2002 Effective Date: 20-Sep-2001 Revocation Date: 11/01/2007
42J	40	NE	396597 214701	Address: COWLEY MANOR HOTEL, COWLEY MANOR, COWLEY, CHELTENHAM, GLOUCESTERSHIRE, GL53 9NL Effluent Type: SEWAGE & TRADE COMBINED - UNSPECIFIED Permit Number: CAWM.1456 Permit Version: 1	Receiving Water: THE RIVER CHURN Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 11/01/2007 Effective Date: 11-Jan-2007 Revocation Date: -
43	70	E	396900 214100	Address: GREEN DRAGON INN, COCKLEFORD, COWLE, GREEN DRAGON INN, COCKLEFORD, CO, WLEY, GLOS Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: CTWC.1458 Permit Version: 1	Receiving Water: RIVER CHURN Status: REVOKED - UNSPECIFIED Issue date: 17/02/1987 Effective Date: 17-Feb-1987 Revocation Date: 08/11/1990
44	146	E	396950 214220	Address: GREEN DRAGON INN, COCKLEFORD, COWLE, GREEN DRAGON INN, COCKLEFORD, CO, WLEY, GLOS Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: CNTW.0819	Receiving Water: RIVER CHURN Status: TRANSFERRED FROM WATER ACT 1989 Issue date: 09/11/1990 Effective Date: 09-Nov-1990 Revocation Date: -

ID	Distance (m)	Direction	NGR	Details	
Permit Version: 1					
45	201	S	395200 213900	Address: HARDINGS BARN, COWLEY WOOD, COWLEY, CHELTENHAM, GLOUCESTERSHIRE, GL53 9PF Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: CTWC.2822 Permit Version: 1	Receiving Water: INFERIOR OOLITE Status: TRANSFERRED FROM COPA 1974 Issue date: 19/09/1988 Effective Date: 19-Sep-1988 Revocation Date: 30/01/2007
46	306	S	393110 213795	Address: BIRDLIP WASTEWATER TREATMENT WORKS, ROMAN ROAD, BIRDLIP, GLOUCESTERSHIRE, GL4 8JL Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - WATER COMPANY Permit Number: EPRDP3127GK Permit Version: 1	Receiving Water: GW INTO INFILTRATION SYSTEM Status: NEW ISSUED UNDER EPR 2010 Issue date: 07/03/2013 Effective Date: 07-Mar-2013 Revocation Date: -
47	443	W	391300 215350	Address: GREYCOTE & WILLOW FARM, GREEN LANE, LITTLE WITCOMBE, GLOUCESTERSHIRE, GL3 4TY Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: S/20/23008/S Permit Version: 1	Receiving Water: TRIB OF HORSEBERE BROOK Status: POST NRA LEGISLATION WHERE ISSUE DATE > 31-AUG-89 (HISTORIC ONLY) Issue date: 20/09/1994 Effective Date: 20-Sep-1994 Revocation Date: -

2.1.9 Records of Water Industry Referrals (potentially harmful discharges to the public sewer) within 500m of the study site:

0

Database searched and no data found.

2.1.10 Records of Planning Hazardous Substance Consents and Enforcements within 500m of the study site:

0

Database searched and no data found.

2.2 Dangerous or Hazardous Sites

Records of COMAH & NIHHS sites within 500m of the study site:

0

Database searched and no data found.

2.3 Environment Agency/Natural Resources Wales Recorded Pollution Incidents

2.3.1 Records of National Incidents Recording System, List 2 within 500m of the study site:

14

The following NIRS List 2 records are represented as points on the Environmental Permits, Incidents and Registers Map:

ID	Distance (m)	Direction	NGR	Details
1	0	On Site	394434.0 216761.0	Incident Date: 10-Nov-2003 Incident Identification: 200871.0 Pollutant: Oils and Fuel Pollutant Description: Gas and Fuel Oils Water Impact: Category 2 (Significant) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
2	0	On Site	393140.0 214180.0	Incident Date: 25-Aug-2001 Incident Identification: 26844.0 Pollutant: Oils and Fuel Pollutant Description: Lubricating Oils Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
3B	0	On Site	393350.0 216000.0	Incident Date: 01-Oct-2002 Incident Identification: 111752.0 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Smoke Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
4	0	On Site	393533.0 216117.0	Incident Date: 22-Nov-2003 Incident Identification: 203033.0 Pollutant: Oils and Fuel Pollutant Description: Unidentified Oil Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
5	0	On Site	393500.0 216500.0	Incident Date: 08-Aug-2003 Incident Identification: 180146.0 Pollutant: Oils and Fuel Pollutant Description: Diesel Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
6	0	On Site	392460.0 214510.0	Incident Date: 03-Aug-2001 Incident Identification: 21725.0 Pollutant: Inert Materials and Wastes Pollutant Description: Other Inert Material or Waste Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
7	0	On Site	393366.0 215699.0	Incident Date: 24-Jul-2001 Incident Identification: 18676.0 Pollutant: Inert Materials and Wastes Pollutant Description: Soils and Clay Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
8	271	W	391472.0 216204.0	Incident Date: 26-Sep-2002 Incident Identification: 110769.0 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Other Atmospheric Pollutant or Effect Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
9	283	W	391460.0 217480.0	Incident Date: 16-Oct-2001 Incident Identification: 36890.0 Pollutant: Sewage Materials Pollutant Description: Other Sewage Material Water Impact: Category 3 (Minor) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
10	295	W	391448.0 217379.0	Incident Date: 04-Feb-2003 Incident Identification: 134843.0 Pollutant: Inert Materials and Wastes Pollutant Description: Construction and Demolition Materials and Wastes Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
11A	309	NE	392262.0 217741.0	Incident Date: 31-Jul-2001 Incident Identification: 20766.0 Pollutant: Inert Materials and Wastes Pollutant Description: Other Inert Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)

ID	Distance (m)	Direction	NGR	Details	
Material or Waste					
12A	353	NE	392190.0 217820.0	Incident Date: 01-Oct-2002 Incident Identification: 111873.0 Pollutant: Inert Materials and Wastes Pollutant Description: Other Inert Material or Waste	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
13	383	NE	391918.0 218011.0	Incident Date: 02-Jul-2002 Incident Identification: 88693.0 Pollutant: Inert Materials and Wastes Pollutant Description: Construction and Demolition Materials and Wastes	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
14	459	NE	394950.0 218130.0	Incident Date: 31-Jul-2003 Incident Identification: 178091.0 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Smoke	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)

2.3.2 Records of National Incidents Recording System, List 1 within 500m of the study site:

0

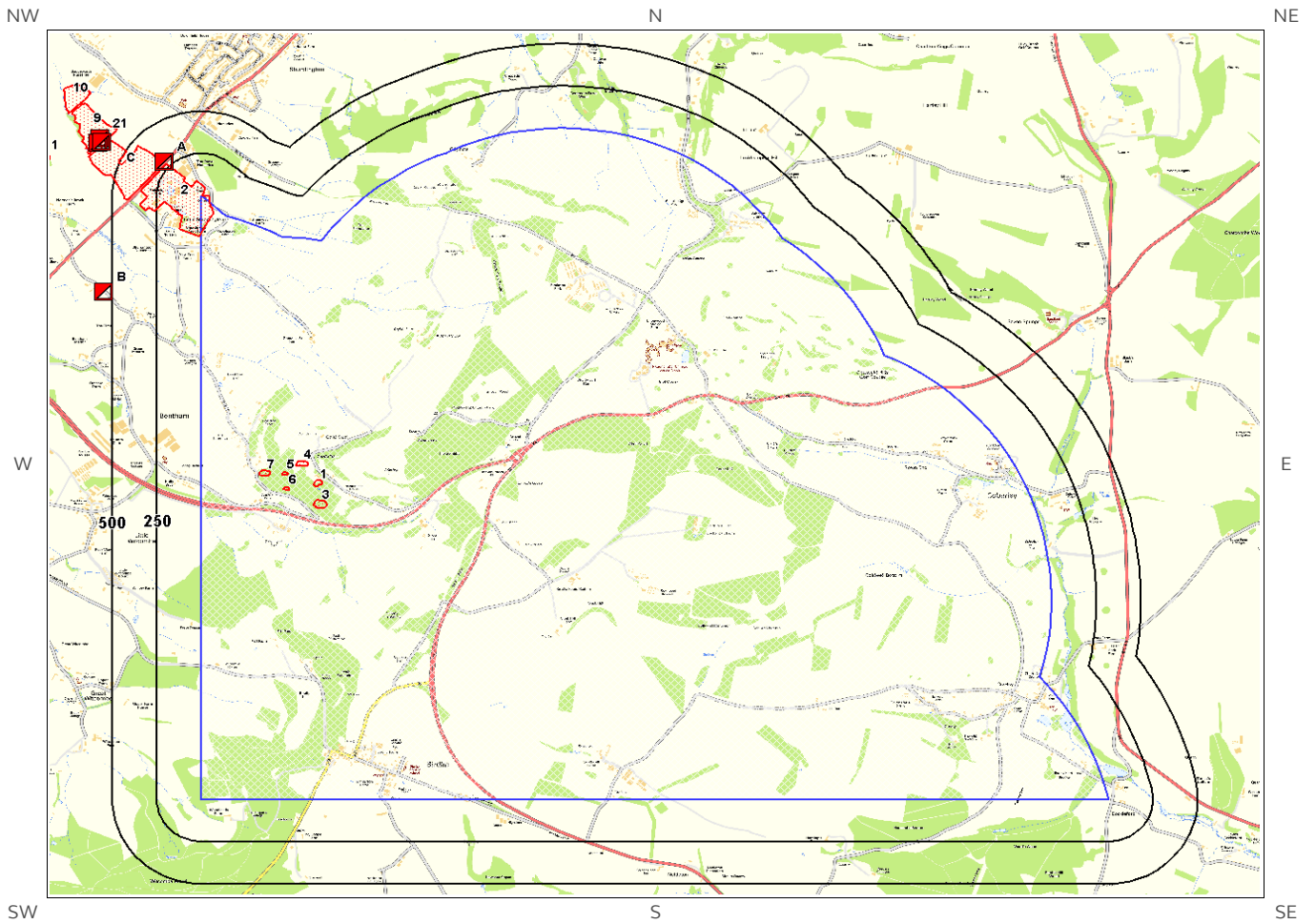
Database searched and no data found.

2.4 Sites Determined as Contaminated Land under Part 2A EPA 1990










Records of sites determined as contaminated land under Section 78R of the Environmental Protection Act 1990 are there within 500m of the study site 0

Database searched and no data found.

3. Landfill and Other Waste Sites Map



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- | | | | | | |
|---|------------------------|---|---------------------------|---|---|
|  | Site Outline |  | EA/NRW Active Landfill |  | Historic and Planned Waste Sites |
|  | 250 Search Buffers (m) |  | EA/NRW Historic Landfill |  | EA/NRW Licensed Waste Site |
|  | 500 Search Buffers (m) |  | BGS / DoE Survey Landfill |  | Local Authority/Historical Mapping Landfill Records |

3. Landfill and Other Waste Sites

3.1 Landfill Sites

3.1.1 Records from Environment Agency/Natural Resources Wales landfill data within 1000m of the study site:

0

Database searched and no data found.

3.1.2 Records of Environment Agency/Natural Resources Wales historic landfill sites within 1500m of the study site:

12

The following landfill records are represented as either points or polygons on the Landfill and Other Waste Sites map:

ID	Distance (m)	Direction	NGR	Details
1	0	On Site		Site Address: Crickley Lodge, A417, Whitcombe, Gloucestershire Waste Licence: - Site Reference: 131 Waste Type: Inert Environmental Permitting Regulations (Waste) Reference: - Licence Issue: Licence Surrendered: Licence Holder Address: - Operator: - Licence Holder: - First Recorded: - Last Recorded: -
2	0	On Site		Site Address: Endsleigh Property Services Limited, Old Marley Works, A46 Shurdington Road, Endsleigh Park, Shurdington, Gloucestershire Waste Licence: - Site Reference: 76 Waste Type: - Environmental Permitting Regulations (Waste) Reference: - Licence Issue: Licence Surrendered: Licence Holder Address: - Operator: - Licence Holder: - First Recorded: - Last Recorded: -
3	0	On Site		Site Address: Crickley Lodge, A417, Whitcombe, Gloucestershire Waste Licence: - Site Reference: 131 Waste Type: Inert Environmental Permitting Regulations (Waste) Reference: - Licence Issue: Licence Surrendered: Licence Holder Address: - Operator: - Licence Holder: - First Recorded: - Last Recorded: -
4	0	On Site		Site Address: Crickley Lodge, A417, Whitcombe, Gloucestershire Waste Licence: - Site Reference: 131 Waste Type: Inert Environmental Permitting Regulations (Waste) Reference: - Licence Issue: Licence Surrendered: Licence Holder Address: - Operator: - Licence Holder: - First Recorded: - Last Recorded: -
5	0	On Site		Site Address: Crickley Lodge, A417, Licence Issue:

ID	Distance (m)	Direction	NGR	Details
				Whitcombe, Gloucestershire Waste Licence: - Site Reference: 131 Waste Type: Inert Environmental Permitting Regulations (Waste) Reference: - Licence Surrendered: Licence Holder Address: - Operator: - Licence Holder: - First Recorded: - Last Recorded: -
6	0	On Site		Site Address: Crickley Lodge, A417, Whitcombe, Gloucestershire Waste Licence: - Site Reference: 131 Waste Type: Inert Environmental Permitting Regulations (Waste) Reference: - Licence Issue: Licence Surrendered: Licence Holder Address: - Operator: - Licence Holder: - First Recorded: - Last Recorded: -
7	0	On Site		Site Address: Crickley Lodge, A417, Whitcombe, Gloucestershire Waste Licence: - Site Reference: 131 Waste Type: Inert Environmental Permitting Regulations (Waste) Reference: - Licence Issue: Licence Surrendered: Licence Holder Address: - Operator: - Licence Holder: - First Recorded: - Last Recorded: -
8C	295	NW		Site Address: Land opposite Marley Concrete Limited, Shurdington Road, Badgeworth, Shurdington, Gloucestershire Waste Licence: Yes Site Reference: 29/137 Waste Type: Inert Environmental Permitting Regulations (Waste) Reference: - Licence Issue: 04-Jan-1982 Licence Surrendered: 31-Dec-1991 Licence Holder Address: Overbury Estate Office, Overbury, Near Tewkesbury, Gloucestershire Operator: - Licence Holder: Gloucestershire Sand and Gravel Company Limited First Recorded: 31-Dec-1977 Last Recorded: 31-Dec-1991
9	613	NW		Site Address: Land opposite Marley Concrete Limited, Shurdington Road, Badgeworth, Shurdington, Gloucestershire Waste Licence: Yes Site Reference: 29/137 Waste Type: Inert Environmental Permitting Regulations (Waste) Reference: - Licence Issue: 04-Jan-1982 Licence Surrendered: 31-Dec-1991 Licence Holder Address: Overbury Estate Office, Overbury, Near Tewkesbury, Gloucestershire Operator: - Licence Holder: Gloucestershire Sand and Gravel Company Limited First Recorded: 31-Dec-1977 Last Recorded: 31-Dec-1991
10	864	NW		Site Address: Land opposite Marley Concrete Limited, Shurdington Road, Badgeworth, Shurdington, Gloucestershire Waste Licence: Yes Site Reference: 29/137 Waste Type: Inert Environmental Permitting Regulations (Waste) Reference: - Licence Issue: 04-Jan-1982 Licence Surrendered: 31-Dec-1991 Licence Holder Address: Overbury Estate Office, Overbury, Near Tewkesbury, Gloucestershire Operator: - Licence Holder: Gloucestershire Sand and Gravel Company Limited First Recorded: 31-Dec-1977 Last Recorded: 31-Dec-1991
11	877	W		Site Address: Brook Villa Farm Landfill Site, Sandy Pluck Lane, Cheltenham, Shurdington, Gloucestershire Waste Licence: Yes Site Reference: - Waste Type: - Environmental Permitting Regulations (Waste) Reference: - Licence Issue: 16-Aug-1993 Licence Surrendered: 05-Jun-2009 Licence Holder Address: 113/115, Bath Road, Cheltenham, Gloucestershire Operator: Capaldi Plant Hire Ltd Licence Holder: Capaldi Plant Hire Ltd First Recorded: - Last Recorded: -
Not shown	1262	N		Site Address: Leckhampton Farm, Field at Rear of Farm, Farm Lane, Leckhampton, Cheltenham, Gloucestershire Waste Licence: - Site Reference: 140 Waste Type: Inert Licence Issue: Licence Surrendered: Licence Holder Address: - Operator: - Licence Holder: J A Manson First Recorded: -

ID	Distance (m)	Direction	NGR	Details
				Environmental Permitting Regulations (Waste) Reference: - Last Recorded: 01-Jan-1979

3.1.3 Records of BGS/DoE non-operational landfill sites within 1500m of the study site:

0

Database searched and no data found.

3.1.4 Records of Landfills from Local Authority and Historical Mapping Records within 1500m of the study site:

0

Database searched and no data found.

3.2 Other Waste Sites

3.2.1 Records of waste treatment, transfer or disposal sites within 500m of the study site:

0

Database searched and no data found.

3.2.2 Records of Environment Agency/Natural Resources Wales licensed waste sites within 1500m of the study site:

11

The following waste treatment, transfer or disposal sites records are represented as points on the Landfill and Other Waste Sites map:

ID	Distance (m)	Direction	NGR	Details
13A	295	NW	391531 217875	Site Address: Brook Villa Farm, Sandy Pluck Lane, Shurington, Cheltenham, Gloucestershire, GL51 4UB Type: Landfill taking Non-Biodegradable Wastes Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: CAP001 EPR reference: EA/EPR/CP3495CC/A001 Operator: Capaldi Plant Hire Ltd Waste Management licence No: 48027 Annual Tonnage: 5501.0 Issue Date: 16/08/1993 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Revoked Site Name: Brook Villa Farm Landfill Site Correspondence Address: -
14A	295	NW	391531 217875	Site Address: Brook Villa Farm, Sandy Pluck Lane, Shurington, Cheltenham, Gloucestershire, GL51 4UB Type: Landfill taking Non-Biodegradable Issue Date: 16/08/1993 Effective Date: - Modified: - Surrendered Date: -

ID	Distance (m)	Direction	NGR	Details
				<p>Wastes Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: CAP001 EPR reference: EA/EPR/CP3495CC/A001 Operator: Capaldi Plant Hire Limited Waste Management licence No: 48027 Annual Tonnage: 5501.0</p> <p>Expiry Date: - Cancelled Date: - Status: Closure Site Name: Brook Villa Farm Landfill Site Correspondence Address: -</p>
15B	549	W	391194 217102	<p>Site Address: Land To The Rear Of The Elms, Bentham, Cheltenham, Glos, GL51 4TZ Type: Use of waste for reclamation etc <50,000 tps Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: SMI134 EPR reference: EA/EPR/MB3838RW/S002 Operator: Smiths (Gloucester) Limited Waste Management licence No: 104977 Annual Tonnage: 0.0</p> <p>Issue Date: 25/01/2013 Effective Date: - Modified: - Surrendered Date: 11/09/2013 Expiry Date: - Cancelled Date: - Status: Surrendered Site Name: Land To The Rear Of The Elms Correspondence Address: -</p>
16B	549	W	391194 217102	<p>Site Address: Land To The Rear Of The Elms, Bentham, Cheltenham, Gloucestershire, GL51 4TZ Type: Use of waste for reclamation etc <50,000 tps Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: SMI134 EPR reference: EA/EPR/MB3838RW/S002 Operator: Smiths (Gloucester) Limited Waste Management licence No: 104977 Annual Tonnage: 0.0</p> <p>Issue Date: 25/01/2013 Effective Date: - Modified: - Surrendered Date: Sep 11 2013 12:00AM Expiry Date: - Cancelled Date: - Status: Surrendered Site Name: Land To The Rear Of The Elms Correspondence Address: -</p>
17C	646	NW	391181 217988	<p>Site Address: Shurdington Road, Shurdington, Cheltenham, Gloucestershire, GL51 4UH Type: HCI Waste TS (no building) Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: ELL026 EPR reference: EA/EPR/ Operator: Elliot And Sons Ltd Waste Management licence No: 100868 Annual Tonnage: 0.0</p> <p>Issue Date: 20/03/2009 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued Site Name: Land At Shurdington Road Correspondence Address: Stella Way, Bishops Cleeve, Cheltenham, Gloucestershire, GL52 7DQ</p>
18C	646	NW	391181 217988	<p>Site Address: Shurdington Road, Shurdington, Cheltenham, Gloucestershire, GL51 4UH Type: HCI Waste TS (no building) Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: ELL026 EPR reference: BP3092EQ/A001 Operator: Elliot & Sons Ltd Waste Management licence No: 100868 Annual Tonnage: 0.0</p> <p>Issue Date: 20/03/2009 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued Site Name: Land At Shurdington Road Correspondence Address: -</p>
19C	660	NW	391162 217983	<p>Site Address: Land At, Shurdington Road, Shurdington, Cheltenham, Gloucestershire, GL51 4UH Type: Household, Commercial & Industrial Waste T Stn Size: >= 25000 tonnes < 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: ELL053 EPR reference: EA/EPR/HP3193VS/V002 Operator: Elliotts (Cheltenham) Ltd Waste Management licence No: 100868 Annual Tonnage: 40000.0</p> <p>Issue Date: 20/03/2009 Effective Date: 29/06/2010 Modified: 27/06/2012 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified Site Name: Land At Shurdington Road Correspondence Address: -</p>

ID	Distance (m)	Direction	NGR	Details	
20C	660	NW	391162 217983	<p>Site Address: Land At, Shurdington Road, Shurdington, Cheltenham, Gloucestershire, GL51 4UH Type: Household, Commercial & Industrial Waste T Stn Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: ELL053 EPR reference: EA/EPR/HP3193VS/V002 Operator: Elliotts (Cheltenham) Ltd Waste Management licence No: 100868 Annual Tonnage: 40000.0</p>	<p>Issue Date: 20/03/2009 Effective Date: 29/06/2010 Modified: 27/06/2012 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified Site Name: Land At Shurdington Road Correspondence Address: -</p>
21	668	NW	391170 218014	<p>Site Address: Land / Premises At, Shurdington Road, Shurdington, Cheltenham, Gloucestershire, GL51 4UH Type: HCI Waste TS (no building) Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: ELL053 EPR reference: EA/EPR/HP3193VS/T001 Operator: Elliotts (Cheltenham) Ltd Waste Management licence No: 100868 Annual Tonnage: 4999.0</p>	<p>Issue Date: 20/03/2009 Effective Date: 29/06/2010 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Transferred Site Name: Land At Shurdington Road Correspondence Address: -</p>
Not shown	930	W	390864 217975	<p>Site Address: Shurdington, Gloucestershire Type: Landfill taking Non-Biodegradable Wastes Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: CAP001 EPR reference: - Operator: Capaldi Plant Hire Limited Waste Management licence No: 48027 Annual Tonnage: 0.0</p>	<p>Issue Date: 16/08/1993 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Closure Site Name: Brook Villa Farm Correspondence Address: Pillar House, 113/115, Bath Road, Cheltenham, Gloucestershire, GL53 7LS</p>
Not shown	930	W	390864 217975	<p>Site Address: Shurdington, Gloucestershire Type: Landfill taking Non-Biodegradable Wastes Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: CAP001 EPR reference: - Operator: Capaldi & Sons Transport Ltd Waste Management licence No: 48027 Annual Tonnage: 0.0</p>	<p>Issue Date: 16/08/1993 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued Site Name: Brook Villa Farm Correspondence Address: Malvern View Business Park, Bishops Cleeve, Cheltenham, Gloucestershire, GL52 4DQ</p>

4. Current Land Use Map



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-  Site Outline
-  Current Industrial Sites
-  Electricity Transmission Cables
-  Petrol & Fuel Sites
-  Gas Transmission Pipelines
-  Search Buffers (m)

4. Current Land Uses

4.1 Current Industrial Data

Records of potentially contaminative industrial sites within 250m of the study site:

64

The following records are represented as points on the Current Land Uses map.

ID	Distance (m)	Direction	Company	NGR	Address	Activity	Category
1G	0	On Site	Sacred Springs Water Co Ltd	392350 214863	Knapp Farm, Birdlip Hill, Witcombe, Gloucester, Gloucestershire, GL3 4SL	Non Alcoholic Drinks	Foodstuffs
2	0	On Site	Business Park	393753 217150	Gloucestershire, GL53	Business Parks and Industrial Estates	Industrial Features
3	0	On Site	Filter Bed	394501 216672	Gloucestershire, GL53	Waste Storage, Processing and Disposal	Infrastructure and Facilities
4	0	On Site	Sewage Works (Disused)	394248 217299	Gloucestershire, GL53	Waste Storage, Processing and Disposal	Infrastructure and Facilities
5A	0	On Site	Tank	394295 216812	Gloucestershire, GL53	Tanks (Generic)	Industrial Features
6I	0	On Site	Cleanacres Machinery Ltd	395890 216140	Dowmans Farm, Coberley Road, Coberley, Cheltenham, Gloucestershire, GL53 9QY	Agricultural Machinery and Goods	Industrial Products
7D	0	On Site	Birdlip Radio Station	393907 215391	Gloucestershire, GL4	Telecommunications Features	Infrastructure and Facilities
8	0	On Site	Mast	393973 215353	Gloucestershire, GL4	Telecommunications Features	Infrastructure and Facilities
9	0	On Site	Mast	393759 215245	Gloucestershire, GL4	Telecommunications Features	Infrastructure and Facilities
10B	0	On Site	Mast	393627 217405	Gloucestershire, GL53	Telecommunications Features	Infrastructure and Facilities
11A	0	On Site	Electricity Sub Station	394235 216818	Gloucestershire, GL53	Electrical Features	Infrastructure and Facilities
12C	0	On Site	Works	393840 217342	Gloucestershire, GL53	Unspecified Works Or Factories	Industrial Features
13H	0	On Site	Quarry (Disused)	394962 217268	Gloucestershire, GL53	Unspecified Quarries Or Mines	Extractive Industries
14	0	On Site	Filter Bed	394163 216536	Gloucestershire, GL53	Waste Storage, Processing and Disposal	Infrastructure and Facilities
15	0	On Site	Pump	396693 214250	Gloucestershire, GL53	Water Pumping Stations	Industrial Features
16B	0	On Site	Mast	393585 217352	Gloucestershire, GL53	Telecommunications Features	Infrastructure and Facilities
17	0	On Site	Tank	394988 216803	Gloucestershire, GL53	Tanks (Generic)	Industrial Features
18C	0	On Site	Tank	393851 217354	Gloucestershire, GL53	Tanks (Generic)	Industrial Features

ID	Distance (m)	Direction	Company	NGR	Address	Activity	Category
19	0	On Site	Electricity Sub Station	393712 217355	Gloucestershire, GL53	Electrical Features	Infrastructure and Facilities
20	0	On Site	Hydraulic Ram	391944 214674	Gloucestershire, GL4	Water Pumping Stations	Industrial Features
21	0	On Site	Hydraulic Ram	392051 214657	Gloucestershire, GL4	Water Pumping Stations	Industrial Features
22	0	On Site	Electricity Sub Station	394743 217497	Gloucestershire, GL53	Electrical Features	Infrastructure and Facilities
23	0	On Site	Hydraulic Ram	396257 215991	Gloucestershire, GL53	Water Pumping Stations	Industrial Features
24	0	On Site	Quarry (Disused)	393161 217632	Gloucestershire, GL53	Unspecified Quarries Or Mines	Extractive Industries
25	0	On Site	Pump	393320 215841	Gloucestershire, GL4	Water Pumping Stations	Industrial Features
26	0	On Site	Pylon	394249 217723	Gloucestershire, GL53	Electrical Features	Infrastructure and Facilities
27C	0	On Site	Sewage Works (Disused)	393839 217340	Gloucestershire, GL53	Waste Storage, Processing and Disposal	Infrastructure and Facilities
28F	0	On Site	Electricity Sub Station	393746 215396	Gloucestershire, GL4	Electrical Features	Infrastructure and Facilities
29	0	On Site	Pump	395013 215210	Gloucestershire, GL53	Water Pumping Stations	Industrial Features
30	0	On Site	Electricity Sub Station	394440 217857	Gloucestershire, GL53	Electrical Features	Infrastructure and Facilities
31	0	On Site	Quarry (Disused)	392533 214766	Gloucestershire, GL3	Unspecified Quarries Or Mines	Extractive Industries
32D	0	On Site	Mast	393884 215426	Gloucestershire, GL4	Telecommunications Features	Infrastructure and Facilities
33	0	On Site	Pylon	394527 217354	Gloucestershire, GL53	Electrical Features	Infrastructure and Facilities
34	0	On Site	Electricity Sub Station	392598 214422	Gloucestershire, GL4	Electrical Features	Infrastructure and Facilities
35E	0	On Site	Tank	392782 214183	Gloucestershire, GL4	Tanks (Generic)	Industrial Features
36	0	On Site	Quarry (Disused)	394613 217693	Gloucestershire, GL53	Unspecified Quarries Or Mines	Extractive Industries
37E	0	On Site	Depot	392778 214136	Gloucestershire, GL4	Container and Storage	Transport, Storage and Delivery
38	0	On Site	Quarry (Disused)	395916 214569	Gloucestershire, GL53	Unspecified Quarries Or Mines	Extractive Industries
39	0	On Site	Tank	393880 214398	Gloucestershire, GL4	Tanks (Generic)	Industrial Features
40D	0	On Site	Pylon	393853 215379	Gloucestershire, GL4	Electrical Features	Infrastructure and Facilities
41F	0	On Site	Pylon	393667 215467	Gloucestershire, GL4	Electrical Features	Infrastructure and Facilities
42	0	On Site	Hydraulic Ram	392366 214301	Gloucestershire, GL4	Water Pumping Stations	Industrial Features
43B	0	On Site	Wr Twr	393583 217391	Gloucestershire, GL53	Water Pumping Stations	Industrial Features
44G	0	On Site	Pumping House	392387 214932	Gloucestershire, GL3	Water Pumping Stations	Industrial Features
45	0	On Site	Tank	392489	Gloucestershire, GL3	Tanks (Generic)	Industrial Features

ID	Distance (m)	Direction	Company	NGR	Address	Activity	Category
				215967			
46H	0	On Site	Pylon	394887 217342	Gloucestershire, GL53	Electrical Features	Infrastructure and Facilities
47I	0	On Site	Silo	395867 216162	Gloucestershire, GL53	Hoppers and Silos	Farming
48	0	On Site	R & D C Motors	391765 217350	Yew Tree Farmhouse, Shurdington, Cheltenham, Gloucestershire, GL51 4TX	Vehicle Repair, Testing and Servicing	Repair and Servicing
49D	0	On Site	Mast	393852 215379	Gloucestershire, GL4	Telecommunications Features	Infrastructure and Facilities
50	0	On Site	Mast	393666 215467	Gloucestershire, GL4	Telecommunications Features	Infrastructure and Facilities
51D	0	On Site	M A Controls	393821 215410	Acorn House, Shab Hill, Birdlip, Gloucester, Gloucestershire, GL4 8JX	Electronic Equipment	Industrial Products
52I	0	On Site	Cotswold Lion Brewery Ltd	395844 216199	Grainstore 5 Dowmans Farm, Coberley Road, Coberley, Cheltenham, Gloucestershire, GL53 9QY	Alcoholic Drinks	Foodstuffs
53	0	On Site	Crickley Hill Tractors	392979 215728	Grove Farm, Crickley Hill, Witcombe, Gloucester, Gloucestershire, GL3 4UH	Agricultural Machinery and Goods	Industrial Products
54J	1	NE	Tank	396374 215934	Gloucestershire, GL53	Tanks (Generic)	Industrial Features
55J	2	NE	Tank	396377 215928	Gloucestershire, GL53	Tanks (Generic)	Industrial Features
56	13	NE	Pylon	395142 217333	Gloucestershire, GL53	Electrical Features	Infrastructure and Facilities
57	24	N	Pylon	394205 218029	Gloucestershire, GL53	Electrical Features	Infrastructure and Facilities
58	26	N	J G O Norman Ltd	392009 217538	Greenway Farm, Shurdington, Cheltenham, Gloucestershire, GL51 4TX	Agricultural Machinery and Goods	Industrial Products
59	135	W	Whitcombe Supplies	391608 215987	Holly Brae, Crickley Hill, Witcombe, Gloucester, Gloucestershire, GL3 4UF	Catering and Non Specific Food Products	Foodstuffs
60	142	S	Works	393427 213959	Gloucestershire, GL4	Unspecified Works Or Factories	Industrial Features
61	173	NE	Pylon	395387 217324	Gloucestershire, GL53	Electrical Features	Infrastructure and Facilities
62K	202	W	Tank	391541 216227	Gloucestershire, GL3	Tanks (Generic)	Industrial Features
63K	205	W	Tank	391538 216233	Gloucestershire, GL3	Tanks (Generic)	Industrial Features
64K	237	W	Works	391506 216255	Gloucestershire, GL3	Unspecified Works Or Factories	Industrial Features

4.2 Petrol and Fuel Sites

Records of petrol or fuel sites within 500m of the study site:

1

The following petrol or fuel site records provided by Catalist are represented as points on the Current Land Use map:

ID	Distance (m)	Direction	NGR	Company	Address	LPG	Status
65	495	N	391778 218164	OBSOLETE	Main Road, Shurdington, Cheltenham, Gloucestershire, GL51 4XJ	Not Applicable	Obsolete

4.3 National Grid High Voltage Underground Electricity Transmission Cables

This dataset identifies the high voltage electricity transmission lines running between generating power plants and electricity substations. The dataset does not include the electricity distribution network (smaller, lower voltage cables distributing power from substations to the local user network). This information has been extracted from databases held by National Grid and is provided for information only with no guarantee as to its completeness or accuracy. National Grid do not offer any warranty as to the accuracy of the available data and are excluded from any liability for any such inaccuracies or errors.

Records of National Grid high voltage underground electricity transmission cables within 500m of the study site:

0

Database searched and no data found.

4.4 National Grid High Pressure Gas Transmission Pipelines

This dataset identifies high-pressure, large diameter pipelines which carry gas between gas terminals, power stations, compressors and storage facilities. The dataset does not include the Local Transmission System (LTS) which supplies gas directly into homes and businesses. This information has been extracted from databases held by National Grid and is provided for information only with no guarantee as to its completeness or accuracy. National Grid do not offer any warranty as to the accuracy of the available data and are excluded from any liability for any such inaccuracies or errors.

Records of National Grid high pressure gas transmission pipelines within 500m of the study site:

2

The following National Grid high pressure gas transmission pipelines records are represented as linear features on the Current Land Use map:

ID	Distance (m)	Direction	Details	
66	228	SE	Pipe Name: WORMINGTON TO SAPPERTON Pipe Number: - Pipeline Safety Regulations Number: - Ownership: National Grid	Maximum Operating Pressure (Bar): - Pipeline Diameter (mm): -mm Wall Thickness (mm): -mm Year of commission: - Abandonment Status: Not Abandoned
67	255	SE	Pipe Name: WORMINGTON TO PUCKLECHURCH Pipe Number: - Pipeline Safety Regulations Number: - Ownership: National Grid	Maximum Operating Pressure (Bar): - Pipeline Diameter (mm): 600mm Wall Thickness (mm): -mm Year of commission: - Abandonment Status: Not Abandoned

5. Geology

5.1 Artificial Ground and Made Ground

Database searched and no data found.

The database has been searched on site, including a 50m buffer.

5.2 Superficial Ground and Drift Geology

The database has been searched on site, including a 50m buffer.

Lex Code	Description	Rock Type
ALV-XCZSV	ALLUVIUM	CLAY, SILT, SAND AND GRAVEL
ALV-XCZSV	ALLUVIUM	CLAY, SILT, SAND AND GRAVEL
ALV-XCZSV	ALLUVIUM	CLAY, SILT, SAND AND GRAVEL
HEAD-XCZSV	HEAD	CLAY, SILT, SAND AND GRAVEL
HEAD-XCZSV	HEAD	CLAY, SILT, SAND AND GRAVEL
HEAD-XCZSV	HEAD	CLAY, SILT, SAND AND GRAVEL
ALV-XCZSV	ALLUVIUM	CLAY, SILT, SAND AND GRAVEL
CHSG-XSV	CHELTENHAM SAND AND GRAVEL	SAND AND GRAVEL
ALV-XCZSV	ALLUVIUM	CLAY, SILT, SAND AND GRAVEL
ALV-XCZSV	ALLUVIUM	CLAY, SILT, SAND AND GRAVEL
CHSG-XSV	CHELTENHAM SAND AND GRAVEL	SAND AND GRAVEL

5.3 Bedrock and Solid Geology

The database has been searched on site, including a 50m buffer.

Lex Code	Description	Rock Type
GOG-LMST	GREAT OOLITE GROUP	LIMESTONE
FE-MDST	FULLER'S EARTH FORMATION	MUDSTONE
FE-MDST	FULLER'S EARTH FORMATION	MUDSTONE
GOG-LMST	GREAT OOLITE GROUP	LIMESTONE
WHL-LMST	WHITE LIMESTONE FORMATION	LIMESTONE
BLPL-LMOOL	BIRDLIP LIMESTONE FORMATION	LIMESTONE, OOIDAL
ASLS-LMST	ASTON LIMESTONE FORMATION	LIMESTONE
SALS-LMOOL	SALPERTON LIMESTONE FORMATION	LIMESTONE, OOIDAL
HMB-LMST	HAMPEN FORMATION	LIMESTONE

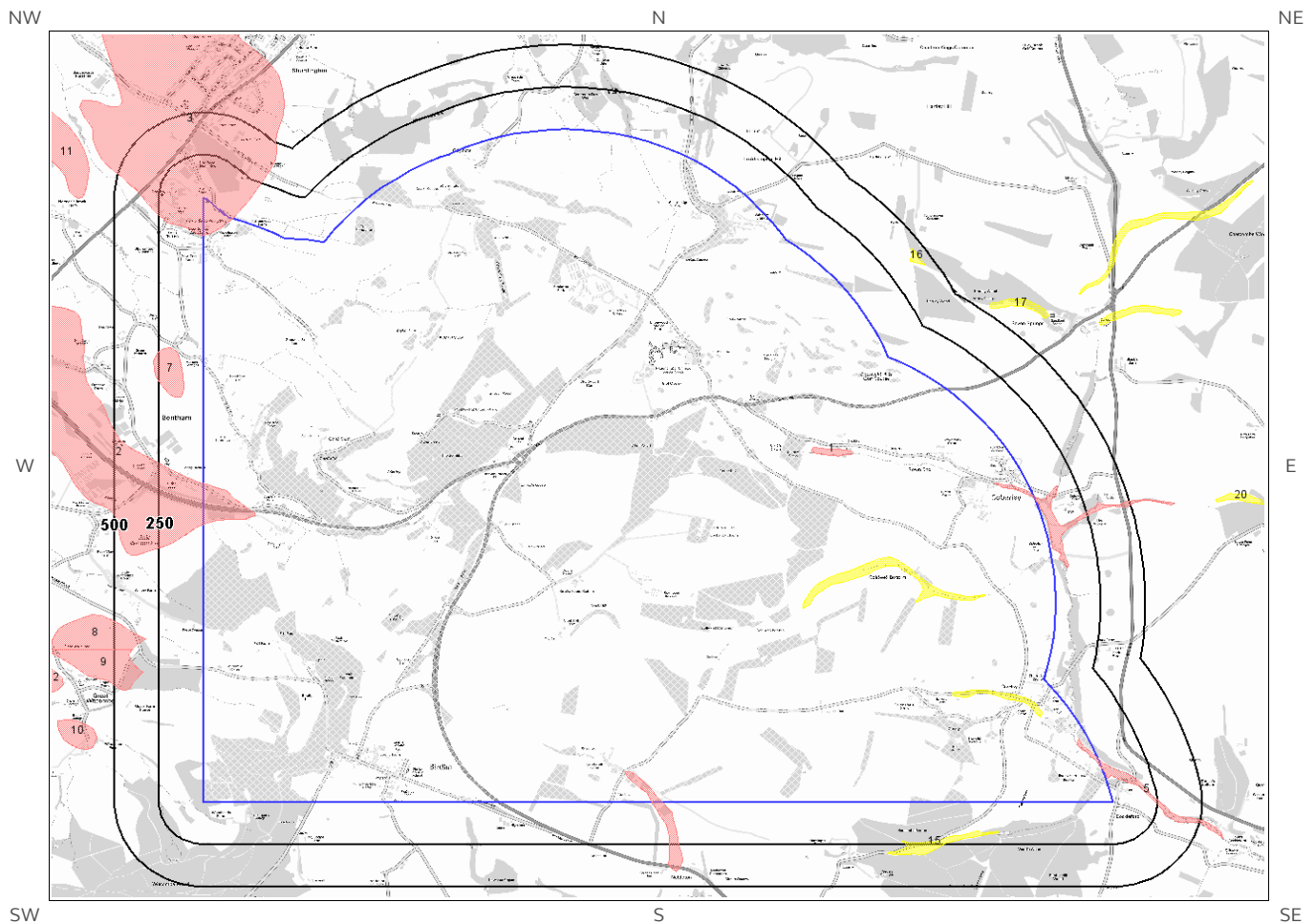
Lex Code	Description	Rock Type
FE-MDST	FULLER'S EARTH FORMATION	MUDSTONE
FE-MDST	FULLER'S EARTH FORMATION	MUDSTONE
SALS-LMOOL	SALPERTON LIMESTONE FORMATION	LIMESTONE, OOIDAL
SALS-LMOOL	SALPERTON LIMESTONE FORMATION	LIMESTONE, OOIDAL
FE-MDST	FULLER'S EARTH FORMATION	MUDSTONE
ASLS-LMST	ASTON LIMESTONE FORMATION	LIMESTONE
BLPL-LMOOL	BIRDIP LIMESTONE FORMATION	LIMESTONE, OOIDAL
UTG-LMST	UPPER TRIGONIA GRIT MEMBER	LIMESTONE
WHL-LMST	WHITE LIMESTONE FORMATION	LIMESTONE
BLPL-LMOOL	BIRDIP LIMESTONE FORMATION	LIMESTONE, OOIDAL
HMB-LMST	HAMPEN FORMATION	LIMESTONE
FE-MDST	FULLER'S EARTH FORMATION	MUDSTONE
SALS-LMOOL	SALPERTON LIMESTONE FORMATION	LIMESTONE, OOIDAL
ASLS-LMST	ASTON LIMESTONE FORMATION	LIMESTONE
SALS-LMOOL	SALPERTON LIMESTONE FORMATION	LIMESTONE, OOIDAL
ASLS-LMST	ASTON LIMESTONE FORMATION	LIMESTONE
BLPL-LMOOL	BIRDIP LIMESTONE FORMATION	LIMESTONE, OOIDAL
BLPL-LMOOL	BIRDIP LIMESTONE FORMATION	LIMESTONE, OOIDAL
LIIO-LMAS	LIAS GROUP AND INFERIOR OOLITE GROUP (UNDIFFERENTIATED)	LIMESTONE, ARGILLACEOUS ROCKS AND SUBORDINATE SANDSTONE, INTERBEDDED
CHAM-MDST	CHARMOUTH MUDSTONE FORMATION	MUDSTONE
FE-MDST	FULLER'S EARTH FORMATION	MUDSTONE
SALS-LMOOL	SALPERTON LIMESTONE FORMATION	LIMESTONE, OOIDAL
ASLS-LMST	ASTON LIMESTONE FORMATION	LIMESTONE
BLPL-LMOOL	BIRDIP LIMESTONE FORMATION	LIMESTONE, OOIDAL
BLPL-LMOOL	BIRDIP LIMESTONE FORMATION	LIMESTONE, OOIDAL
ASLS-LMST	ASTON LIMESTONE FORMATION	LIMESTONE
WHM-MDST	WHITBY MUDSTONE FORMATION	MUDSTONE
BLPL-LMOOL	BIRDIP LIMESTONE FORMATION	LIMESTONE, OOIDAL
SALS-LMOOL	SALPERTON LIMESTONE FORMATION	LIMESTONE, OOIDAL
FE-MDST	FULLER'S EARTH FORMATION	MUDSTONE
UTG-LMST	UPPER TRIGONIA GRIT MEMBER	LIMESTONE
BDS-SDST	BRIDPORT SAND FORMATION	SANDSTONE
BDS-SDST	BRIDPORT SAND FORMATION	SANDSTONE
BLPL-LMOOL	BIRDIP LIMESTONE FORMATION	LIMESTONE, OOIDAL
UTG-LMST	UPPER TRIGONIA GRIT MEMBER	LIMESTONE
SALS-LMOOL	SALPERTON LIMESTONE FORMATION	LIMESTONE, OOIDAL
FE-MDST	FULLER'S EARTH FORMATION	MUDSTONE
HMB-LMST	HAMPEN FORMATION	LIMESTONE
WHL-LMST	WHITE LIMESTONE FORMATION	LIMESTONE
SQAR-LMST	SCOTTSSQUAR MEMBER	LIMESTONE
CRKY-LMST	CRICKLEY MEMBER	LIMESTONE
LECK-LMST	LECKHAMPTON MEMBER	LIMESTONE
UTG-LMST	UPPER TRIGONIA GRIT MEMBER	LIMESTONE

Lex Code	Description	Rock Type
SQAR-LMST	SCOTTSSQUAR MEMBER	LIMESTONE
BLPL-LMOOL	BIRDLIP LIMESTONE FORMATION	LIMESTONE, OOIDAL
CRKY-LMST	CRICKLEY MEMBER	LIMESTONE
CLCL-LMOOL	CLEEVE CLOUD MEMBER	LIMESTONE, OOIDAL
LECK-LMST	LECKHAMPTON MEMBER	LIMESTONE
CRKY-LMST	CRICKLEY MEMBER	LIMESTONE
SQAR-LMST	SCOTTSSQUAR MEMBER	LIMESTONE
CLCL-LMOOL	CLEEVE CLOUD MEMBER	LIMESTONE, OOIDAL
SQAR-LMST	SCOTTSSQUAR MEMBER	LIMESTONE
LECK-LMST	LECKHAMPTON MEMBER	LIMESTONE
CRKY-LMST	CRICKLEY MEMBER	LIMESTONE
BLPL-LMOOL	BIRDLIP LIMESTONE FORMATION	LIMESTONE, OOIDAL
WHM-MDST	WHITBY MUDSTONE FORMATION	MUDSTONE
ASLS-LMST	ASTON LIMESTONE FORMATION	LIMESTONE
ASLS-LMST	ASTON LIMESTONE FORMATION	LIMESTONE
ASLS-LMST	ASTON LIMESTONE FORMATION	LIMESTONE
UTG-LMST	UPPER TRIGONIA GRIT MEMBER	LIMESTONE
BLPL-LMOOL	BIRDLIP LIMESTONE FORMATION	LIMESTONE, OOIDAL
ASLS-LMST	ASTON LIMESTONE FORMATION	LIMESTONE
UTG-LMST	UPPER TRIGONIA GRIT MEMBER	LIMESTONE
ASLS-LMST	ASTON LIMESTONE FORMATION	LIMESTONE
WHL-LMST	WHITE LIMESTONE FORMATION	LIMESTONE
HMB-LMST	HAMPEN FORMATION	LIMESTONE
BLPL-LMOOL	BIRDLIP LIMESTONE FORMATION	LIMESTONE, OOIDAL
WHL-LMST	WHITE LIMESTONE FORMATION	LIMESTONE
HMB-LMST	HAMPEN FORMATION	LIMESTONE

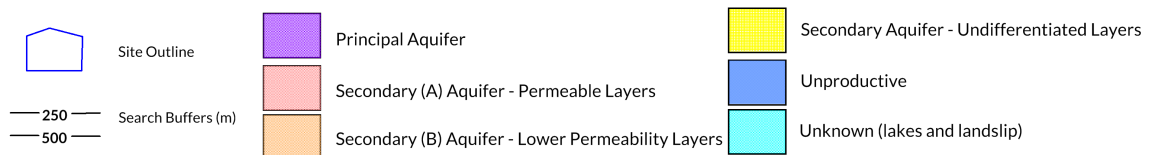
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6 Hydrogeology and Hydrology

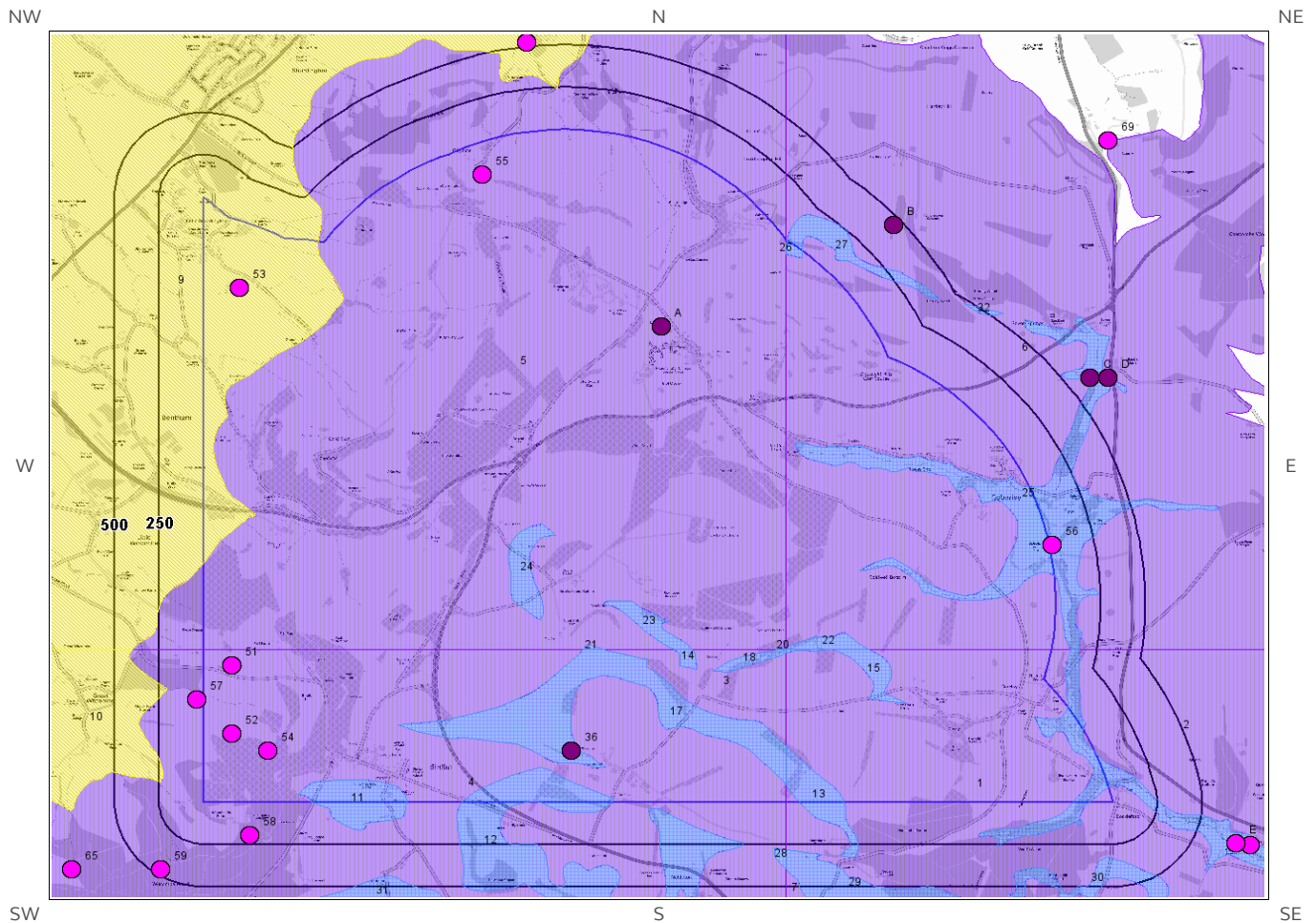
6a. Aquifer Within Superficial Geology



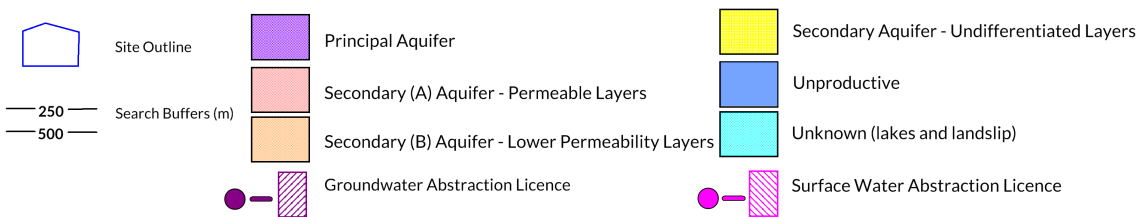
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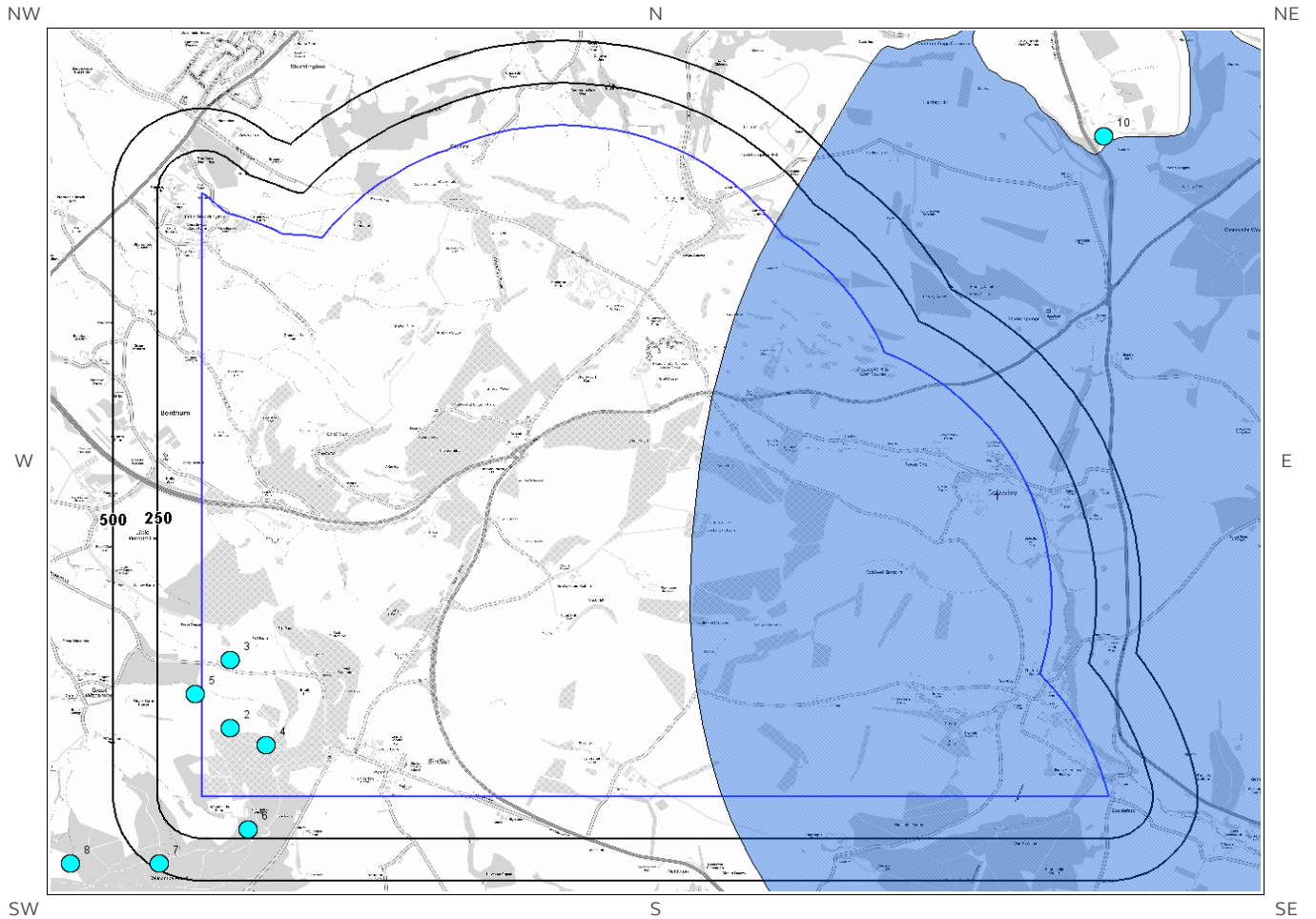
6b. Aquifer Within Bedrock Geology and Abstraction Licences



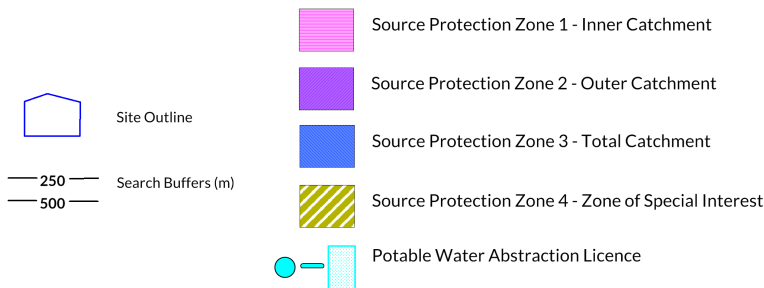
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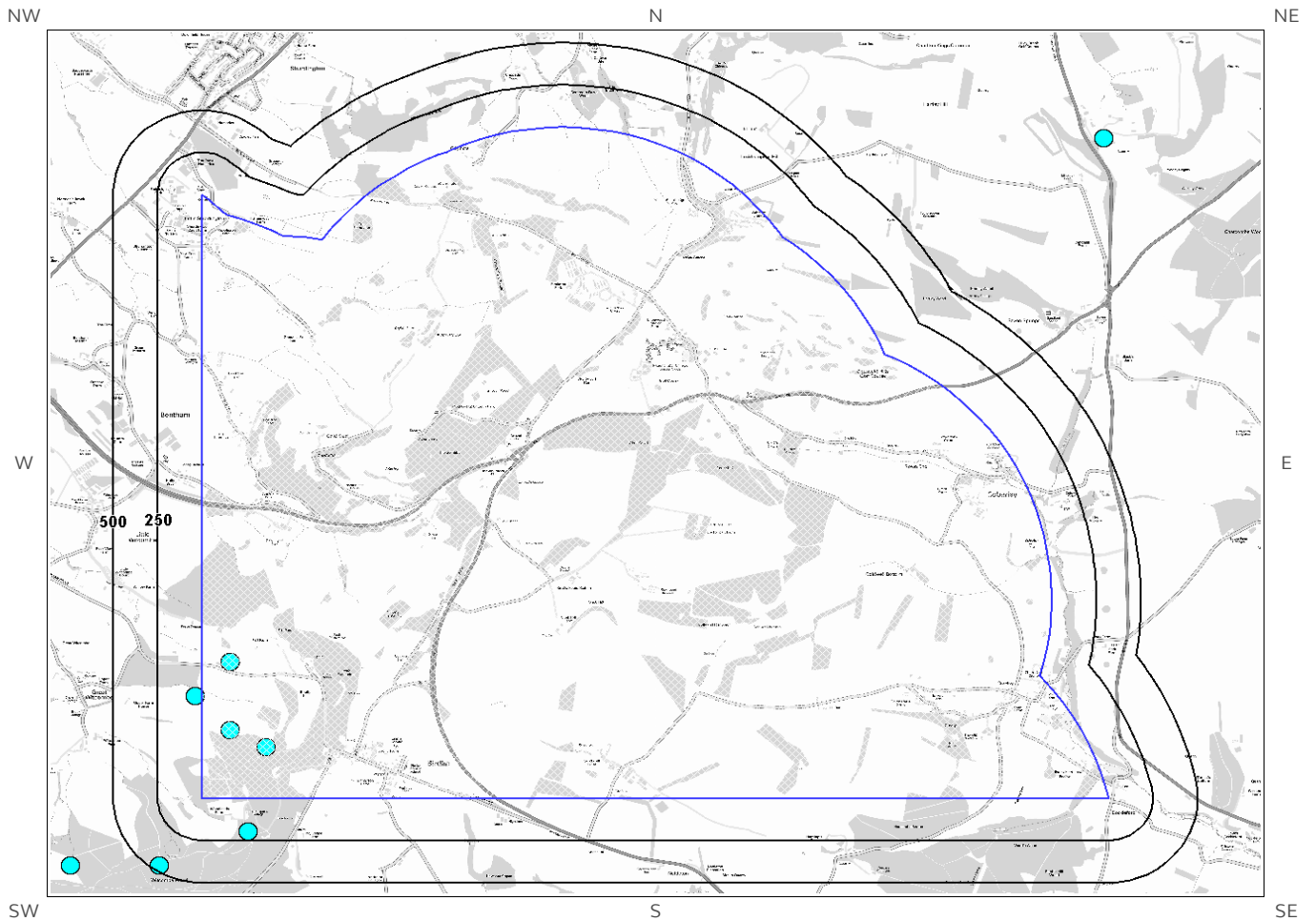
6c. Hydrogeology – Source Protection Zones and Potable Water Abstraction Licences



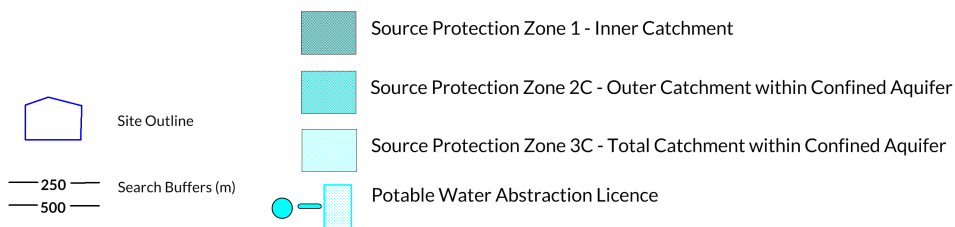
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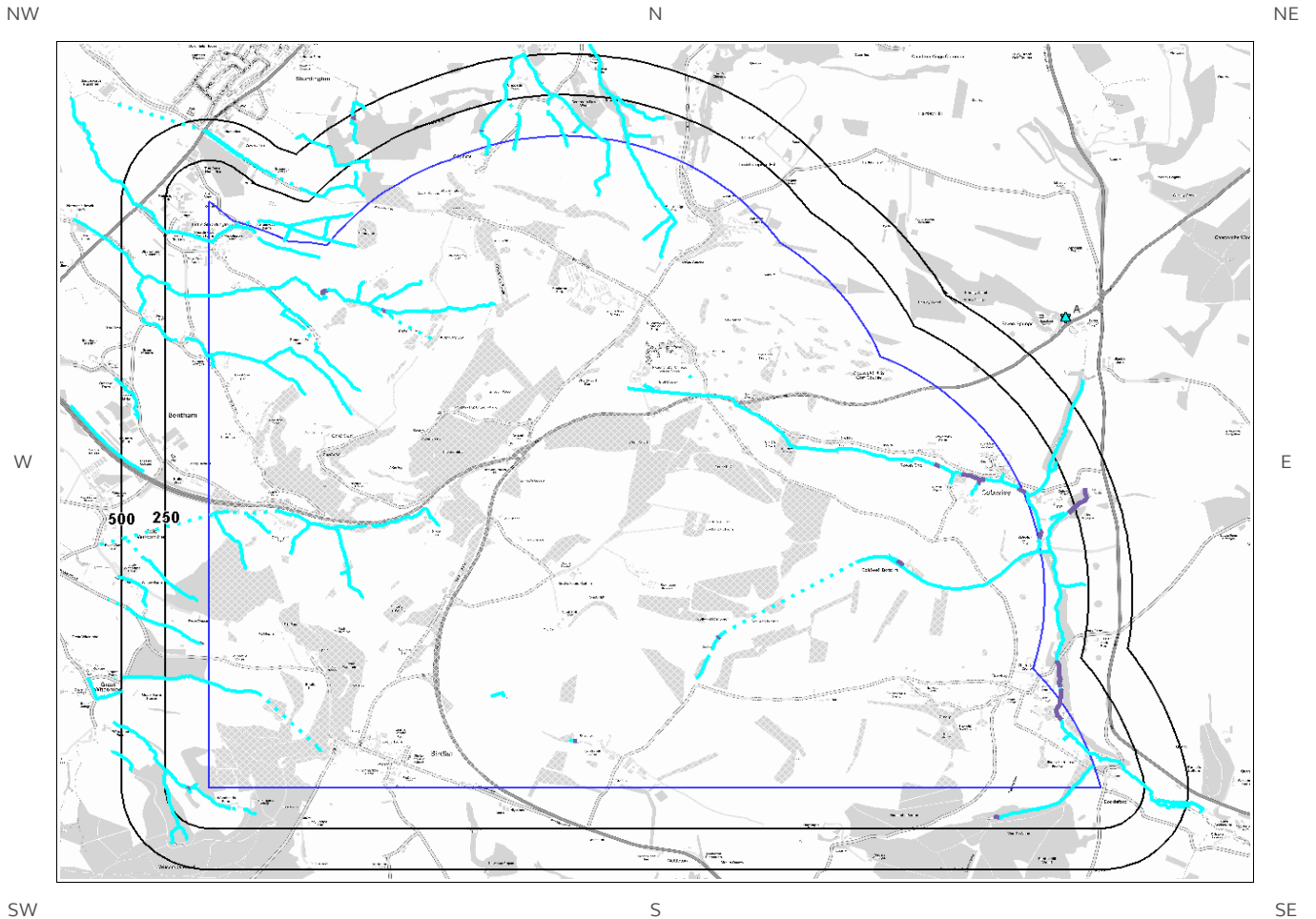
6d. Hydrogeology – Source Protection Zones within confined aquifer


















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6e. Hydrology – Watercourse Network and River Quality



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Watercourse type		Watercourse level	
	Tidal River		On ground surface
	Inland River		Underground or Elevated
	Canal		Level unknown
	Lock or Flight of Locks		General Quality Assessment: Biology
	Lake, Reservoir, or Marsh		General Quality Assessment: Chemistry
	Foreshore		
	Drain or Transfer		
	Site Outline		
	250 Search Buffers (m)		
	500 Search Buffers (m)		

6. Hydrogeology and Hydrology

6.1 Aquifer within Superficial Deposits

Records of strata classification within the superficial geology at or in proximity to the property Yes

From 1 April 2010, the Environment Agency/Natural Resources Wales's Groundwater Protection Policy has been using aquifer designations consistent with the Water Framework Directive. For further details on the designation and interpretation of this information, please refer to the Groundsure Enviro Insight User Guide.

The following aquifer records are shown on the Aquifer within Superficial Geology Map (6a):

ID	Distance (m)	Direction	Designation	Description
1	0	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	0	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
3	0	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
4	0	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
5	0	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
6	0	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
13	0	On Site	Secondary (undifferentiated)	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type
14	0	On Site	Secondary (undifferentiated)	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type
7	114	W	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
15	171	S	Secondary (undifferentiated)	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type
8	324	W	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
9	342	W	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
16	390	NE	Secondary (undifferentiated)	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type

6.2 Aquifer within Bedrock Deposits

Records of strata classification within the bedrock geology at or in proximity to the property Yes

From 1 April 2010, the Environment Agency/Natural Resources Wales's Groundwater Protection Policy has been using aquifer designations consistent with the Water Framework Directive. For further details on the designation and interpretation of this information, please refer to the Groundsure Enviro Insight User Guide.

The following aquifer records are shown on the Aquifer within Bedrock Geology Map (6b):

ID	Distance (m)	Direction	Designation	Description
1	0	On Site	Principal	Geology of high intergranular and/or fracture permeability, usually providing a high level of water storage and may support water supply/river base flow on a strategic scale. Generally principal aquifers were previously major aquifers
2	0	On Site	Principal	Geology of high intergranular and/or fracture permeability, usually providing a high level of water storage and may support water supply/river base flow on a strategic scale. Generally principal aquifers were previously major aquifers
3	0	On Site	Principal	Geology of high intergranular and/or fracture permeability, usually providing a high level of water storage and may support water supply/river base flow on a strategic scale. Generally principal aquifers were previously major aquifers
4	0	On Site	Principal	Geology of high intergranular and/or fracture permeability, usually providing a high level of water storage and may support water supply/river base flow on a strategic scale. Generally principal aquifers were previously major aquifers
5	0	On Site	Principal	Geology of high intergranular and/or fracture permeability, usually providing a high level of water storage and may support water supply/river base flow on a strategic scale. Generally principal aquifers were previously major aquifers
6	0	On Site	Principal	Geology of high intergranular and/or fracture permeability, usually providing a high level of water storage and may support water supply/river base flow on a strategic scale. Generally principal aquifers were previously major aquifers
9	0	On Site	Secondary (undifferentiated)	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type
11	0	On Site	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
12	0	On Site	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
13	0	On Site	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
14	0	On Site	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
15	0	On Site	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
16	0	On Site	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
17	0	On Site	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
18	0	On Site	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
19	0	On Site	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
20	0	On Site	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
21	0	On Site	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
22	0	On Site	Unproductive	These are rock layers or drift deposits with low permeability that have negligible

ID	Distance (m)	Direction	Designation	Description
				significance for water supply or river base flow
23	0	On Site	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
24	0	On Site	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
25	0	On Site	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
26	0	On Site	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
27	0	On Site	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
10	206	W	Secondary (undifferentiated)	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type
28	274	S	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
29	283	S	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
30	329	S	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
7	397	S	Principal	Geology of high intergranular and/or fracture permeability, usually providing a high level of water storage and may support water supply/river base flow on a strategic scale. Generally principal aquifers were previously major aquifers
31	436	S	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
32	473	NE	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow

6.3 Groundwater Abstraction Licences

Groundwater Abstraction Licences within 2000m of the study site Identified

The following Abstraction Licences records are represented as points, lines and regions on the Aquifer within Bedrock Geology Map (6b):

ID	Distance (m)	Direction	NGR	Details
34A	0	On Site	394300 216900	Status: Historical Licence No: 28/39/02/0049 Details: General Farming & Domestic Direct Source: THAMES GROUNDWATER Point: WELL AT ULLENWOOD MANOR FARM Data Type: Point Name: BECKETT Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 13/03/1967 Expiry Date: - Issue No: 100 Version Start Date: 05/11/1980 Version End Date:
35A	0	On Site	394300 216900	Status: Historical Licence No: 28/39/02/0049 Details: General Farming & Domestic Direct Source: THAMES GROUNDWATER Point: ULLENWOOD MANOR FARM - WELL Data Type: Point Name: BECKETT Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 13/03/1967 Expiry Date: - Issue No: 100 Version Start Date: 05/11/1980 Version End Date:

ID	Distance (m)	Direction	NGR	Details
36	0	On Site	393800 214400	<p>Status: Historical Licence No: 18/54/22/0005 Details: General Farming & Domestic Direct Source: Groundwater Midlands Region Point: STOCKWELL FARM - SPRING Data Type: Point Name: BERINGTON</p> <p>Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 03/02/1966 Expiry Date: - Issue No: 100 Version Start Date: 28/09/1979 Version End Date:</p>
37B	448	NE	395600 217500	<p>Status: Historical Licence No: 28/39/02/0022 Details: General Farming & Domestic Direct Source: THAMES GROUNDWATER Point: HARTLEY FARM - WELL Data Type: Point Name: B POWELL AND SONS</p> <p>Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 11/07/1966 Expiry Date: - Issue No: 100 Version Start Date: 11/07/1966 Version End Date:</p>
38B	448	NE	395600 217500	<p>Status: Historical Licence No: 28/39/02/0022 Details: General Farming & Domestic Direct Source: THAMES GROUNDWATER Point: HARTLEY FARM Data Type: Point Name: B POWELL AND SONS</p> <p>Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 11/07/1966 Expiry Date: - Issue No: 100 Version Start Date: 11/07/1966 Version End Date:</p>
39C	622	NE	396700 216600	<p>Status: Historical Licence No: 28/39/02/0008 Details: General Farming & Domestic Direct Source: THAMES GROUNDWATER Point: CHATCOMBE ESTATE (CATCHPIT) Data Type: Point Name: F H S SMITH & SON</p> <p>Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 14/02/1966 Expiry Date: - Issue No: 100 Version Start Date: 14/02/1966 Version End Date:</p>
40C	622	NE	396700 216600	<p>Status: Historical Licence No: 28/39/02/0008 Details: General use relating to Secondary Category (Medium Loss) Direct Source: THAMES GROUNDWATER Point: CHATCOMBE ESTATE - CATCHPIT Data Type: Point Name: F H S SMITH & SON</p> <p>Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 14/02/1966 Expiry Date: - Issue No: 100 Version Start Date: 14/02/1966 Version End Date:</p>
41C	622	NE	396700 216600	<p>Status: Historical Licence No: 28/39/02/0008 Details: General Farming & Domestic Direct Source: THAMES GROUNDWATER Point: CHATCOMBE ESTATE - CATCHPIT Data Type: Point Name: F H S SMITH & SON</p> <p>Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 14/02/1966 Expiry Date: - Issue No: 100 Version Start Date: 14/02/1966 Version End Date:</p>
42C	622	NE	396700 216600	<p>Status: Historical Licence No: 28/39/02/0008 Details: General use relating to Secondary Category (Medium Loss) Direct Source: THAMES GROUNDWATER Point: CHATCOMBE ESTATE (CATCHPIT) Data Type: Point Name: F H S SMITH & SON</p> <p>Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 14/02/1966 Expiry Date: - Issue No: 100 Version Start Date: 14/02/1966 Version End Date:</p>
43D	703	NE	396800 216600	<p>Status: Historical Licence No: 28/39/02/0027 Details: General use relating to Secondary Category (Medium Loss) Direct Source: THAMES GROUNDWATER Point: UPPER COBERLEY FARM, NR CHELTENHAM Data Type: Point Name: UNWIN</p> <p>Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 05/09/1966 Expiry Date: - Issue No: 100 Version Start Date: 05/09/1966 Version End Date:</p>

ID	Distance (m)	Direction	NGR	Details
44D	703	NE	396800 216600	<p>Status: Historical Licence No: 28/39/02/0027 Details: General use relating to Secondary Category (Medium Loss) Direct Source: THAMES GROUNDWATER Point: UPPER COBERLEY FARM, NR CHELTENHAM - SPRING Data Type: Point Name: UNWIN</p> <p>Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 05/09/1966 Expiry Date: - Issue No: 101 Version Start Date: 01/04/2003 Version End Date:</p>
Not shown	1419	E	397900 215700	<p>Status: Historical Licence No: 28/39/02/0070 Details: General Farming & Domestic Direct Source: THAMES GROUNDWATER Point: UPPER COBERLEY FARM Data Type: Point Name: ALLEN</p> <p>Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 21/07/1992 Expiry Date: - Issue No: 100 Version Start Date: 21/07/1992 Version End Date:</p>
Not shown	1419	E	397900 215700	<p>Status: Historical Licence No: 28/39/02/0070 Details: General Farming & Domestic Direct Source: THAMES GROUNDWATER Point: UPPER COBERLEY FARM - WELL Data Type: Point Name: ALLEN</p> <p>Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 21/07/1992 Expiry Date: - Issue No: 100 Version Start Date: 21/07/1992 Version End Date:</p>
Not shown	1457	E	398260 213820	<p>Status: Historical Licence No: 28/39/02/0043 Details: General use relating to Secondary Category (Medium Loss) Direct Source: THAMES GROUNDWATER Point: WESTBURY FARM, COCKLEFORD, CHELTENHAM - CATCHPIT Data Type: Point Name: ROOK (FARMS)</p> <p>Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 09/01/1967 Expiry Date: - Issue No: 101 Version Start Date: 14/08/2000 Version End Date:</p>
Not shown	1457	E	398260 213820	<p>Status: Historical Licence No: 28/39/02/0043 Details: General Farming & Domestic Direct Source: THAMES GROUNDWATER Point: WESTBURY FARM, COCKLEFORD, CHELTENHAM Data Type: Point Name: ROOK (FARMS)</p> <p>Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 09/01/1967 Expiry Date: - Issue No: 101 Version Start Date: 14/08/2000 Version End Date:</p>
Not shown	1457	E	398260 213820	<p>Status: Historical Licence No: 28/39/02/0043 Details: General use relating to Secondary Category (Medium Loss) Direct Source: THAMES GROUNDWATER Point: WESTBURY FARM, COCKLEFORD, CHELTENHAM Data Type: Point Name: ROOK (FARMS)</p> <p>Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 09/01/1967 Expiry Date: - Issue No: 101 Version Start Date: 14/08/2000 Version End Date:</p>
Not shown	1457	E	398260 213820	<p>Status: Historical Licence No: 28/39/02/0043 Details: General Farming & Domestic Direct Source: THAMES GROUNDWATER Point: WESTBURY FARM, COCKLEFORD, CHELTENHAM - CATCHPIT Data Type: Point Name: ROOK (FARMS)</p> <p>Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 09/01/1967 Expiry Date: - Issue No: 101 Version Start Date: 14/08/2000 Version End Date:</p>

6.4 Surface Water Abstraction Licences

Surface Water Abstraction Licences within 2000m of the study site

Identified

The following Surface Water Abstraction Licences records are represented as points, lines and regions on the Aquifer within Bedrock Geology Map (6b):

ID	Distance (m)	Direction	NGR	Details
51	0	On Site	391900 214900	<p>Status: Historical Licence No: 18/54/20/0228 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Surface Water Midlands Region Point: WITCOMBE PARK, GLOUCESTERSHIRE - CATCHPIT Data Type: Point Name: TRUSTEES OF THE WITCOMBE ESTATE</p> <p>Annual Volume (m³): - Max Daily Volume (m³): - Application No: - Original Start Date: 27/01/1967 Expiry Date: - Issue No: 101 Version Start Date: 28/08/2002 Version End Date:</p>
52	0	On Site	391900 214500	<p>Status: Historical Licence No: 18/54/20/0227 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Surface Water Midlands Region Point: WITCOMBE PARK, GLOUCESTERSHIRE - SPRING FED RESERVOIR Data Type: Point Name: TRUSTEES OF THE WITCOMBE ESTATE</p> <p>Annual Volume (m³): - Max Daily Volume (m³): - Application No: - Original Start Date: 27/01/1967 Expiry Date: - Issue No: 101 Version Start Date: 28/08/2002 Version End Date:</p>
53	0	On Site	391940 217130	<p>Status: Historical Licence No: 18/54/20/0386 Details: Lake & Pond Throughflow Direct Source: Surface Water Midlands Region Point: LITTLE SHURDINGTON, GLOUCESTERSHIRE - NORMANS BROOK Data Type: Point Name: KERBY</p> <p>Annual Volume (m³): - Max Daily Volume (m³): - Application No: - Original Start Date: 21/04/1994 Expiry Date: - Issue No: 101 Version Start Date: 23/03/2003 Version End Date:</p>
54	0	On Site	392100 214400	<p>Status: Historical Licence No: 18/54/20/0227 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Surface Water Midlands Region Point: WITCOMBE PARK, GLOUCESTERSHIRE - SPRING FED RESERVOIR Data Type: Point Name: TRUSTEES OF THE WITCOMBE ESTATE</p> <p>Annual Volume (m³): - Max Daily Volume (m³): - Application No: - Original Start Date: 27/01/1967 Expiry Date: - Issue No: 101 Version Start Date: 28/08/2002 Version End Date:</p>
55	0	On Site	393300 217800	<p>Status: Historical Licence No: 18/54/20/0068 Details: General Farming & Domestic Direct Source: Surface Water Midlands Region Point: CRIPPETTS FARM, LECKHAMPTON, GLOUCESTERSHIRE - SPRING Data Type: Point Name: MERRETT</p> <p>Annual Volume (m³): - Max Daily Volume (m³): - Application No: - Original Start Date: 28/03/1966 Expiry Date: - Issue No: 100 Version Start Date: 01/09/1976 Version End Date:</p>
56	13	E	396488 215613	<p>Status: Active Licence No: TH/039/0002/012 Details: Hydroelectric Power Generation Direct Source: THAMES SURFACE WATER - NON TIDAL Point: RIVER CHURN AT COBERLEY MILL Data Type: Point Name: Beynon</p> <p>Annual Volume (m³): 2 Max Daily Volume (m³): 12900 Application No: - Original Start Date: 24/08/2015 Expiry Date: 31/03/2027 Issue No: 1 Version Start Date: 24/08/2015 Version End Date:</p>
57	43	W	391700 214700	<p>Status: Historical Licence No: 18/54/20/0227</p> <p>Annual Volume (m³): - Max Daily Volume (m³): -</p>

ID	Distance (m)	Direction	NGR	Details
				<p>Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services</p> <p>Direct Source: Surface Water Midlands Region Point: WITCOMBE PARK, GLOUCESTERSHIRE - SPRING FED RESERVOIR Data Type: Point Name: TRUSTEES OF THE WITCOMBE ESTATE</p> <p>Application No: - Original Start Date: 27/01/1967 Expiry Date: - Issue No: 101 Version Start Date: 28/08/2002 Version End Date:</p>
58	201	S	392000 213900	<p>Status: Historical Licence No: 18/54/20/0229</p> <p>Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services</p> <p>Direct Source: Surface Water Midlands Region Point: WITCOMBE PARK, GLOUCESTERSHIRE - SPRING FED CATCHPIT Data Type: Point Name: TRUSTEES OF THE WITCOMBE ESTATE</p> <p>Annual Volume (m³): - Max Daily Volume (m³): - Application No: - Original Start Date: 27/01/1967 Expiry Date: - Issue No: 101 Version Start Date: 28/08/2002 Version End Date:</p>
59	469	SW	391500 213700	<p>Status: Historical Licence No: 18/54/20/0226</p> <p>Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services</p> <p>Direct Source: Surface Water Midlands Region Point: WITCOMBE PARK, GLOUCESTERSHIRE - SPRING FED CATCHPIT (1) Data Type: Point Name: TRUSTEES OF THE WITCOMBE ESTATE</p> <p>Annual Volume (m³): - Max Daily Volume (m³): - Application No: - Original Start Date: 27/01/1967 Expiry Date: - Issue No: 101 Version Start Date: 28/08/2002 Version End Date:</p>
60	522	N	393550 218580	<p>Status: Active Licence No: 18/54/20/0357</p> <p>Details: Lake & Pond Throughflow</p> <p>Direct Source: Surface Water Midlands Region Point: CRIPPETTS PIG FARM, LECKHAMPTON - POND ON HAM BROOK Data Type: Point Name: KINCART</p> <p>Annual Volume (m³): 27276 Max Daily Volume (m³): 144 Application No: - Original Start Date: 19/01/1990 Expiry Date: - Issue No: 100 Version Start Date: 19/01/1990 Version End Date:</p>
61E	734	E	397520 213850	<p>Status: Historical Licence No: 28/39/02/0067</p> <p>Details: Fish Farm/Cress Pond Throughflow</p> <p>Direct Source: THAMES SURFACE WATER - NON TIDAL Point: COCKLEFORD FARM (A) - RIVER CHURN Data Type: Point Name: ROBERTS</p> <p>Annual Volume (m³): 3.294 Max Daily Volume (m³): 9024 Application No: - Original Start Date: 01/04/1991 Expiry Date: - Issue No: 101 Version Start Date: 03/02/2007 Version End Date:</p>
62E	734	E	397520 213850	<p>Status: Historical Licence No: 28/39/02/0067</p> <p>Details: Fish Farm/Cress Pond Throughflow</p> <p>Direct Source: THAMES SURFACE WATER - NON TIDAL Point: COCKLEFORD FARM (A) Data Type: Point Name: ROBERTS</p> <p>Annual Volume (m³): - Max Daily Volume (m³): - Application No: - Original Start Date: 01/04/1991 Expiry Date: - Issue No: 100 Version Start Date: 01/04/1991 Version End Date:</p>
63F	813	E	397600 213840	<p>Status: Historical Licence No: 28/39/02/0067</p> <p>Details: Fish Farm/Cress Pond Throughflow</p> <p>Direct Source: THAMES SURFACE WATER - NON TIDAL Point: COCKLEFORD FARM (B) Data Type: Point Name: ROBERTS</p> <p>Annual Volume (m³): - Max Daily Volume (m³): - Application No: - Original Start Date: 01/04/1991 Expiry Date: - Issue No: 100 Version Start Date: 01/04/1991 Version End Date:</p>
64F	813	E	397600 213840	<p>Status: Historical Licence No: 28/39/02/0067</p> <p>Details: Fish Farm/Cress Pond Throughflow</p> <p>Direct Source: THAMES SURFACE WATER - NON TIDAL Point: COCKLEFORD FARM (B) - RIVER CHURN</p> <p>Annual Volume (m³): 3.294 Max Daily Volume (m³): 9024 Application No: - Original Start Date: 01/04/1991 Expiry Date: - Issue No: 101</p>

ID	Distance (m)	Direction	NGR	Details
				Data Type: Point Name: ROBERTS Version Start Date: 03/02/2007 Version End Date:
65	844	SW	391000 213700	Status: Historical Licence No: 18/54/20/0226 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Surface Water Midlands Region Point: WITCOMBE PARK, GLOUCESTERSHIRE - SPRING FED CATCHPIT (2) Data Type: Point Name: TRUSTEES OF THE WITCOMBE ESTATE Annual Volume (m³): - Max Daily Volume (m³): - Application No: - Original Start Date: 27/01/1967 Expiry Date: - Issue No: 101 Version Start Date: 28/08/2002 Version End Date:
Not shown	1103	W	390640 217240	Status: Historical Licence No: 18/54/20/0398 Details: Spray Irrigation - Storage Direct Source: Surface Water Midlands Region Point: PRIMROSE VALE, BROCKWORTH - NORMANS BROOK Data Type: Point Name: ALEXANDER AND ANGELL LTD Annual Volume (m³): 18185 Max Daily Volume (m³): 200 Application No: - Original Start Date: 28/09/1998 Expiry Date: 31/03/2018 Issue No: 100 Version Start Date: 28/09/1998 Version End Date:
Not shown	1333	W	390410 217110	Status: Active Licence No: 18/54/20/0333 Details: Spray Irrigation - Direct Direct Source: Surface Water Midlands Region Point: BADGEWORTH, GLOUCESTERSHIRE - LAND-DRAINS FED RESERVOIR Data Type: Point Name: ALEXANDER AND ANGELL LTD Annual Volume (m³): 14773 Max Daily Volume (m³): 164 Application No: - Original Start Date: 20/05/1980 Expiry Date: - Issue No: 100 Version Start Date: 28/09/1998 Version End Date:
Not shown	1543	W	390200 215000	Status: Active Licence No: 18/54/20/0116 Details: Potable Water Supply - Direct Direct Source: Surface Water Midlands Region Point: WITCOMBE BROOK, ABBOTS WOOD BROOK AND OTHER INLAND WATERS Data Type: Point Name: Severn Trent Water Ltd Annual Volume (m³): 500000 Max Daily Volume (m³): 8728.32 Application No: - Original Start Date: 28/06/1966 Expiry Date: - Issue No: 103 Version Start Date: 22/10/2010 Version End Date:
69	1698	NE	396800 218000	Status: Historical Licence No: 18/54/20/0215 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: Surface Water Midlands Region Point: CHARLTON KINGS, GLOUCESTERSHIRE - SPRING WITH CATCHPIT Data Type: Point Name: MINERS Annual Volume (m³): - Max Daily Volume (m³): - Application No: - Original Start Date: 11/01/1967 Expiry Date: - Issue No: 100 Version Start Date: 05/08/1980 Version End Date:
Not shown	1814	E	398590 213660	Status: Historical Licence No: 28/39/02/0067 Details: Fish Farm/Cress Pond Throughflow Direct Source: THAMES SURFACE WATER - NON TIDAL Point: COCKLEFORD FARM (C) Data Type: Point Name: ROBERTS Annual Volume (m³): - Max Daily Volume (m³): - Application No: - Original Start Date: 01/04/1991 Expiry Date: - Issue No: 100 Version Start Date: 01/04/1991 Version End Date:
Not shown	1814	E	398590 213660	Status: Historical Licence No: 28/39/02/0067 Details: Fish Farm/Cress Pond Throughflow Direct Source: THAMES SURFACE WATER - NON TIDAL Point: COCKLEFORD FARM (C) - TRIB OF RIVER CHURN Data Type: Point Name: ROBERTS Annual Volume (m³): 3352194 Max Daily Volume (m³): 9159 Application No: - Original Start Date: 01/04/1991 Expiry Date: - Issue No: 100 Version Start Date: 01/04/1991 Version End Date:
Not shown	1990	NE	396200 219070	Status: Active Licence No: 18/54/20/0324 Details: Spray Irrigation - Storage Annual Volume (m³): 4546 Max Daily Volume (m³): 4546 Application No: -

ID	Distance (m)	Direction	NGR	Details
				Direct Source: Surface Water Midlands Region Point: LILLEYBROOK GOLF CLUB, CHARLTON KINGS, CHELTENHAM - SPRING 1 Data Type: Point Name: LILLEYBROOK GOLF CLUB LTD Original Start Date: 27/10/1977 Expiry Date: - Issue No: 100 Version Start Date: 28/06/1995 Version End Date:

6.5 Potable Water Abstraction Licences

Potable Water Abstraction Licences within 2000m of the study site Identified

The following Potable Water Abstraction Licences records are represented as points, lines and regions on the SPZ and Potable Water Abstraction Licences Map (6c):

ID	Distance (m)	Direction	NGR	Details
2	0	On Site	391900 214500	Status: Historical Licence No: 18/54/20/0227 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Surface Water Midlands Region Point: WITCOMBE PARK, GLOUCESTERSHIRE - SPRING FED RESERVOIR Data Type: Point Name: TRUSTEES OF THE WITCOMBE ESTATE Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 27/01/1967 Expiry Date: - Issue No: 101 Version Start Date: Version End Date:
3	0	On Site	391900 214900	Status: Historical Licence No: 18/54/20/0228 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Surface Water Midlands Region Point: WITCOMBE PARK, GLOUCESTERSHIRE - CATCHPIT Data Type: Point Name: TRUSTEES OF THE WITCOMBE ESTATE Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 27/01/1967 Expiry Date: - Issue No: 101 Version Start Date: Version End Date:
4	0	On Site	392100 214400	Status: Historical Licence No: 18/54/20/0227 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Surface Water Midlands Region Point: WITCOMBE PARK, GLOUCESTERSHIRE - SPRING FED RESERVOIR Data Type: Point Name: TRUSTEES OF THE WITCOMBE ESTATE Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 27/01/1967 Expiry Date: - Issue No: 101 Version Start Date: Version End Date:
5	43	W	391700 214700	Status: Historical Licence No: 18/54/20/0227 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Surface Water Midlands Region Point: WITCOMBE PARK, GLOUCESTERSHIRE - SPRING FED RESERVOIR Data Type: Point Name: TRUSTEES OF THE WITCOMBE ESTATE Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 27/01/1967 Expiry Date: - Issue No: 101 Version Start Date: Version End Date:
6	201	S	392000 213900	Status: Historical Licence No: 18/54/20/0229 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Surface Water Midlands Region Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 27/01/1967 Expiry Date: - Issue No: 101

ID	Distance (m)	Direction	NGR	Details
				Point: WITCOMBE PARK, GLOUCESTERSHIRE - SPRING FED CATCHPIT Data Type: Point Name: TRUSTEES OF THE WITCOMBE ESTATE Version Start Date: Version End Date:
7	469	SW	391500 213700	Status: Historical Licence No: 18/54/20/0226 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Surface Water Midlands Region Point: WITCOMBE PARK, GLOUCESTERSHIRE - SPRING FED CATCHPIT (1) Data Type: Point Name: TRUSTEES OF THE WITCOMBE ESTATE Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 27/01/1967 Expiry Date: - Issue No: 101 Version Start Date: Version End Date:
8	844	SW	391000 213700	Status: Historical Licence No: 18/54/20/0226 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Surface Water Midlands Region Point: WITCOMBE PARK, GLOUCESTERSHIRE - SPRING FED CATCHPIT (2) Data Type: Point Name: TRUSTEES OF THE WITCOMBE ESTATE Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 27/01/1967 Expiry Date: - Issue No: 101 Version Start Date: Version End Date:
Not shown	1543	W	390200 215000	Status: Active Licence No: 18/54/20/0116 Details: Potable Water Supply - Direct Direct Source: Surface Water Midlands Region Point: WITCOMBE BROOK, ABBOTS WOOD BROOK AND OTHER INLAND WATERS Data Type: Point Name: Severn Trent Water Ltd Annual Volume (m ³): 500000 Max Daily Volume (m ³): 8728.32 Original Application No: - Original Start Date: 28/06/1966 Expiry Date: - Issue No: 103 Version Start Date: Version End Date:
10	1698	NE	396800 218000	Status: Historical Licence No: 18/54/20/0215 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: Surface Water Midlands Region Point: CHARLTON KINGS, GLOUCESTERSHIRE - SPRING WITH CATCHPIT Data Type: Point Name: MINERS Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 11/01/1967 Expiry Date: - Issue No: 100 Version Start Date: Version End Date:

6.6 Source Protection Zones

Source Protection Zones within 500m of the study site

Identified

The following Source Protection Zones records are represented on the SPZ and Potable Water Abstraction Map (6c):

ID	Distance (m)	Direction	Zone	Description
1	0	On Site	3	Total catchment

6.7 Source Protection Zones within Confined Aquifer

Source Protection Zones within the Confined Aquifer within 500m of the study site None identified

Historically, Source Protection Zone maps have been focused on regulation of activities which occur at or near the ground surface, such as prevention of point source pollution and bacterial contamination of water supplies. Sources in confined aquifers were often considered to be protected from these surface pressures due to the presence of a low permeability confining layer (e.g. glacial till, clay). The increased interest in subsurface activities such as onshore oil and gas exploration, ground source heating and cooling requires protection zones for confined sources to be marked on SPZ maps where this has not already been done.

Database searched and no data found.

6.8 Groundwater Vulnerability and Soil Leaching Potential

Environment Agency/Natural Resources Wales information on groundwater vulnerability and soil leaching potential within 500m of the study site Identified

Distance (m)	Direction	Classification	Soil Vulnerability Category	Description
0	On Site	Major Aquifer/High Leaching Potential	H1	Soils which readily transmit liquid discharges because they are shallow or susceptible to rapid flow directly to rock, gravel or groundwater.
0	On Site	Major Aquifer/High Leaching Potential	H1	Soils which readily transmit liquid discharges because they are shallow or susceptible to rapid flow directly to rock, gravel or groundwater.
0	On Site	Minor Aquifer/Low Leaching Potential	L	Soils in which pollutants are unlikely to penetrate the soil layer because either water movement is largely horizontal, or they have the ability to attenuate diffuse pollutants.
0	On Site	Major Aquifer/Low Leaching Potential	L	Soils in which pollutants are unlikely to penetrate the soil layer because either water movement is largely horizontal, or they have the ability to attenuate diffuse pollutants.
0	On Site	Major Aquifer/Intermediate Leaching Potential	I1	Soils which can possibly transmit a wide range of pollutants.
0	On Site	Major Aquifer/Intermediate Leaching Potential	I1	Soils which can possibly transmit a wide range of pollutants.
0	On Site	Major Aquifer/Low Leaching Potential	L	Soils in which pollutants are unlikely to penetrate the soil layer because either water movement is largely horizontal, or they have the ability to attenuate diffuse pollutants.
0	On Site	Minor Aquifer/High Leaching Potential	H3	Coarse textured or moderately shallow soils which readily transmit non-adsorbed pollutants and liquid discharges but have some ability to attenuate adsorbed pollutants because of their clay or organic matter content.
0	On Site	Minor Aquifer/Intermediate Leaching Potential	I1	Soils which can possibly transmit a wide range of pollutants.
0	On Site	Major Aquifer/Low Leaching Potential	L	Soils in which pollutants are unlikely to penetrate the soil layer because either water movement is largely horizontal, or they have the ability to attenuate diffuse pollutants.
0	On Site	Minor Aquifer/High Leaching Potential	H1	Soils which readily transmit liquid discharges because they are shallow or susceptible to rapid flow directly to rock, gravel or groundwater.
0	On Site	Major Aquifer/Low Leaching Potential	L	Soils in which pollutants are unlikely to penetrate the soil layer because either water movement is largely horizontal, or they have the ability to attenuate diffuse pollutants.
0	On Site	Minor Aquifer/High Leaching Potential	H3	Coarse textured or moderately shallow soils which readily transmit non-adsorbed pollutants and liquid discharges but have some ability to attenuate adsorbed pollutants because of their clay or organic matter content.
0	On Site	Minor Aquifer/High Leaching Potential	H1	Soils which readily transmit liquid discharges because they are shallow or susceptible to rapid flow directly to rock, gravel or groundwater.

Distance (m)	Direction	Classification	Soil Vulnerability Category	Description
57	S	Major Aquifer/High Leaching Potential	H1	Soils which readily transmit liquid discharges because they are shallow or susceptible to rapid flow directly to rock, gravel or groundwater.
62	S	Major Aquifer/Intermediate Leaching Potential	I1	Soils which can possibly transmit a wide range of pollutants.
79	S	Minor Aquifer/Intermediate Leaching Potential	I1	Soils which can possibly transmit a wide range of pollutants.
172	S	Minor Aquifer/Intermediate Leaching Potential	I1	Soils which can possibly transmit a wide range of pollutants.
395	S	Major Aquifer/Intermediate Leaching Potential	I1	Soils which can possibly transmit a wide range of pollutants.
484	S	Major Aquifer/Intermediate Leaching Potential	I1	Soils which can possibly transmit a wide range of pollutants.

6.9 River Quality

Environment Agency/Natural Resources Wales information on river quality within 1500m of the study site Identified

6.9.1 Biological Quality:

Biological Quality data describes water quality in terms of 83 groups of macroinvertebrates, some of which are pollution sensitive. The results are graded from A ('Very Good') to F ('Bad').

The following Biological Quality records are shown on the Hydrology Map (6e):

ID	Distance (m)	Direction	NGR	River Quality Grade	Biological Quality Grade				
					2005	2006	2007	2008	2009
277A	805	NE	396630 216960	River Name: Churn Reach: Seven Springs - Siddington Mill End/Start of Stretch: Start of Stretch NGR	A	A	A	A	A
Not shown	1401	S	394700 212700	River Name: Frome Reach: Brimpsfield Pk To Canal Tunnel Sapperton End/Start of Stretch: Start of Stretch NGR	A	A	A	A	A

6.9.2 Chemical Quality:

Chemical quality data is based on the General Quality Assessment Headline Indicators scheme (GQAHI). In England, each chemical sample is measured for ammonia and dissolved oxygen. In Wales, the samples are measured for biological oxygen demand (BOD), ammonia and dissolved oxygen. The results are graded from A ('Very Good') to F ('Bad').

The following Chemical Quality records are shown on the Hydrology Map (6e):

ID	Distance (m)	Direction	NGR	River Quality Grade	Chemical Quality Grade				
					2005	2006	2007	2008	2009
279A	805	NE	396630 216960	River Name: Churn Reach: Seven Springs - Siddington Mill End/Start of Stretch: Start of Stretch NGR	A	A	A	A	A

6.10 Ordnance Survey MasterMap Water Network

Ordnance Survey MasterMap Water Network entries within 500m of the study site

This watercourse information is provided by Ordnance Survey MasterMap Water Network. The data provides a detailed centre line following the curve of the waterway precisely, so all distances provided in the report should be understood as measurements to the centreline rather than a measurement to the nearest point of the watercourse. Underground watercourses are inferred from entry and exit points so caution is advised in using these to indicate precise locations of underground watercourses when planning site investigation and development.

The following Ordnance Survey MasterMap Water Network records are represented on the Hydrology Map (6e):

ID	Distance/Direction	Name	Type of Watercourse	Additional Details
1	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
2	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
3	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
4	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
5	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions)

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
				Average Width in Watercourse Section (m): Not Provided
6	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
7	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
8	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
9	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
10	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
11	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
12	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
13	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
14	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
15	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
16	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
17	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
18	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
19	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
20	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
21	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
22	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
23	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
24	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
25	0 On Site	-	Lake, loch or reservoir.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 4.7
26	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
27	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
28	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
29	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
30	0	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
	On Site			Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
31	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
32	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
33	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
34	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
35	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
36	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
37	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
38	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
39	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
40	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
41	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
42	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions)

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
				Average Width in Watercourse Section (m): Not Provided
43	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
44	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
45	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
46	0 On Site	Norman's Brook	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
47	0 On Site	Norman's Brook	Lake, loch or reservoir.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 10.9
48	0 On Site	Norman's Brook	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
49	0 On Site	Norman's Brook	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
50	0 On Site	Norman's Brook	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
51	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
52	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
53	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
54	0 On Site	Norman's Brook	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
55	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
56	0 On Site	Norman's Brook	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
57	0 On Site	Norman's Brook	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
58	0 On Site	Norman's Brook	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
59	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
60	0 On Site	Norman's Brook	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
61	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
62	0 On Site	Norman's Brook	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
63	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
64	0 On Site	Norman's Brook	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
65	0 On Site	Norman's Brook	Lake, loch or reservoir.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 10.1
66	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
67	0	Norman's Brook	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
	On Site			Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
68	0 On Site	Norman's Brook	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
69	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
70	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
71	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
72	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
73	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
74	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
75	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
76	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
77	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
78	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
79	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions)

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
				Average Width in Watercourse Section (m): Not Provided
80	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
81	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
82	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
83	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
84	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
85	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
86	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
87	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
88	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
89	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
178	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
179	0 On Site	-	Lake, loch or reservoir.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 7.4

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
180	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
181	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
182	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
183	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
184	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
185	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
186	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
187	0 On Site	-	Lake, loch or reservoir.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 9.1
188	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
189	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
190	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
191	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
192	0	-	Lake, loch or reservoir.	Catchment Area: Thames Relationship to Ground Level: On ground surface

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
	On Site			Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 10.2
193	0 On Site	-	Lake, loch or reservoir.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 3.1
194	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
195	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
196	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
197	0 On Site	-	Lake, loch or reservoir.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 9.1
198	0 On Site	-	Lake, loch or reservoir.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 15.4
199	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
200	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
201	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
202	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
203	0 On Site	-	Lake, loch or reservoir.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 4.1
204	0 On Site	River Churn	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions)

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
				Average Width in Watercourse Section (m): 4.2
205	0 On Site	River Churn	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.5
206	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
207	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
208	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
209	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
210	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
211	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
212	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
213	0 On Site	-	Lake, loch or reservoir.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 8.0
214	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
215	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
216	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
217	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
218	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
219	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
220	0 On Site	-	Lake, loch or reservoir.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 9.0
221	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
222	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
223	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
224	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
225	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
226	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
227	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
228	0 On Site	River Churn	Lake, loch or reservoir.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 23.7
229	0	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
	On Site			Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.5
230	0 On Site	River Churn	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
231	0 On Site	River Churn	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.8
232	0 On Site	River Churn	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.8
233	0 On Site	River Churn	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 12.3
234	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
235	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
46	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
47	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
48	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
49	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
50	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
51	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions)

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
				Average Width in Watercourse Section (m): Not Provided
52	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
53	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
54	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
55	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
56	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
57	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
58	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
59	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
60	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
61	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
62	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
63	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
64	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
65	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
66	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
67	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
68	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
69	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
70	0 On Site	-	Lake, loch or reservoir.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 4.7
71	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
72	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
73	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
74	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
75	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
76	0	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
	On Site			Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
77	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
78	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
79	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
80	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
81	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
82	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
83	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
84	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
85	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
86	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
87	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
88	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions)

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
				Average Width in Watercourse Section (m): Not Provided
89	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
90	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
91	0 On Site	Norman's Brook	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
92	0 On Site	Norman's Brook	Lake, loch or reservoir.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 10.9
93	0 On Site	Norman's Brook	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
94	0 On Site	Norman's Brook	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
95	0 On Site	Norman's Brook	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
96	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
97	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
98	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
99	0 On Site	Norman's Brook	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
100	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
101	0 On Site	Norman's Brook	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
102	0 On Site	Norman's Brook	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
103	0 On Site	Norman's Brook	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
104	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
105	0 On Site	Norman's Brook	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
106	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
107	0 On Site	Norman's Brook	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
108	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
109	0 On Site	Norman's Brook	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
110	0 On Site	Norman's Brook	Lake, loch or reservoir.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 10.1
111	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
112	0 On Site	Norman's Brook	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
113	0	Norman's Brook	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Underground

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
	On Site			Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
114	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
115	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
116	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
117	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
118	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
119	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
120	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
121	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
122	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
123	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
124	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
125	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions)

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
				Average Width in Watercourse Section (m): Not Provided
126	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
127	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
128	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
129	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
130	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
131	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
132	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
133	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
134	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
223	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
224	0 On Site	-	Lake, loch or reservoir.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 7.4
225	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
226	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
227	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
228	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
229	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
230	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
231	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
232	0 On Site	-	Lake, loch or reservoir.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 9.1
233	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
234	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
235	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
236	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
237	0 On Site	-	Lake, loch or reservoir.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 10.2
238	0	-	Lake, loch or reservoir.	Catchment Area: Thames Relationship to Ground Level: On ground surface

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
	On Site			Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 3.1
239	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
240	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
241	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
242	0 On Site	-	Lake, loch or reservoir.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 9.1
243	0 On Site	-	Lake, loch or reservoir.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 15.4
244	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
245	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
246	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
247	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
248	0 On Site	-	Lake, loch or reservoir.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 4.1
249	0 On Site	River Churn	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 4.2
250	0 On Site	River Churn	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions)

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
				Average Width in Watercourse Section (m): 2.5
251	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
252	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
253	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
254	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
255	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
256	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
257	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
258	0 On Site	-	Lake, loch or reservoir.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 8.0
259	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
260	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
261	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
262	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
263	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
264	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
265	0 On Site	-	Lake, loch or reservoir.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 9.0
266	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
267	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
268	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
269	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
270	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
271	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
272	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
273	0 On Site	River Churn	Lake, loch or reservoir.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 23.7
274	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.5
275	0	River Churn	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: Underground

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
	On Site			Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
276	0 On Site	River Churn	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.8
277	0 On Site	River Churn	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.8
278	0 On Site	River Churn	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 12.3
279	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
280	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
236	6 E	River Churn	Lake, loch or reservoir.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 8.5
281	6 E	River Churn	Lake, loch or reservoir.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 8.5
90	11 W	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
237	11 E	River Churn	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 4.0
135	11 W	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
282	11 E	River Churn	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 4.0
238	15 NE	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions)

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
				Average Width in Watercourse Section (m): Not Provided
283	15 NE	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
239	16 NE	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
284	16 NE	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
240	17 NE	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.9
285	17 NE	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.9
91	18 NW	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
136	18 NW	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
92	20 N	-	Lake, loch or reservoir.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 0.3
137	20 N	-	Lake, loch or reservoir.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 0.3
93	23 N	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
138	23 N	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
241	26 E	River Churn	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.9

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
286	26 E	River Churn	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.9
94	27 N	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
95	27 N	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
139	27 N	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
140	27 N	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
96	35 N	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
97	35 N	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
98	35 N	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
141	35 N	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
142	35 N	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
143	35 N	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
99	36 N	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
144	36 -	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
	N			Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
100	39 W	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
145	39 W	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
101	40 W	-	Lake, loch or reservoir.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 5.7
146	40 W	-	Lake, loch or reservoir.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 5.7
242	42 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 4.1
287	42 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 4.1
243	44 NE	River Churn	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
288	44 NE	River Churn	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
102	45 W	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
244	45 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
245	45 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.6
147	45 W	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions)

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
				Average Width in Watercourse Section (m): Not Provided
289	45 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
290	45 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.6
246	46 NE	River Churn	Lake, loch or reservoir.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 9.5
291	46 NE	River Churn	Lake, loch or reservoir.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 9.5
247	50 E	River Churn	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 26.0
292	50 E	River Churn	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 26.0
103	52 N	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
248	52 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
148	52 N	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
293	52 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
104	53 NW	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
149	53 NW	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
105	55 SW	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
249	55 E	River Churn	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.6
150	55 SW	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
294	55 E	River Churn	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.6
106	64 W	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
151	64 W	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
250	66 E	River Churn	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 5.3
295	66 E	River Churn	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 5.3
107	71 W	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
152	71 W	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
108	78 NE	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
109	78 NE	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
153	78	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
	NE			Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
154	78 NE	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
251	80 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
296	80 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
110	82 N	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
155	82 N	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
111	92 N	-	Lake, loch or reservoir.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 5.4
156	92 N	-	Lake, loch or reservoir.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 5.4
252	96 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
297	96 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
112	102 N	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
157	102 N	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
113	108 W	-	Lake, loch or reservoir.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions)

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
				Average Width in Watercourse Section (m): 5.9
158	108 W	-	Lake, loch or reservoir.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 5.9
114	109 W	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
159	109 W	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
115	116 N	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
116	116 W	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
160	116 N	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
161	116 W	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
117	118 W	-	Lake, loch or reservoir.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 10.2
162	118 W	-	Lake, loch or reservoir.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 10.2
118	128 S	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
119	128 NW	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
163	128 S	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
164	128 NW	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
120	130 NW	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
121	130 W	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
165	130 NW	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
166	130 W	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
122	133 S	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
167	133 S	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
123	135 N	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
168	135 N	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
124	146 N	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
253	146 E	River Churn	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 4.1
169	146 N	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
298	146	River Churn	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
	E			Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 4.1
125	152 NW	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
170	152 NW	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
126	154 W	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
127	154 W	-	Lake, loch or reservoir.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 1.4
171	154 W	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
172	154 W	-	Lake, loch or reservoir.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 1.4
128	178 N	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
254	178 S	-	Lake, loch or reservoir.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 12.7
173	178 N	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
299	178 S	-	Lake, loch or reservoir.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 12.7
255	181 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
300	181 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions)

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
				Average Width in Watercourse Section (m): Not Provided
256	183 NE	River Churn	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.1
257	183 NE	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
301	183 NE	River Churn	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.1
302	183 NE	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
129	194 N	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
174	194 N	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
258	201 E	-	Lake, loch or reservoir.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 3.9
303	201 E	-	Lake, loch or reservoir.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 3.9
130	206 W	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
175	206 W	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
131	207 NW	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
176	207 NW	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
132	209 NW	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
177	209 NW	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
133	212 W	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
178	212 W	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
259	233 NE	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
260	233 NE	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
304	233 NE	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
305	233 NE	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
134	234 W	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
179	234 W	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
135	245 W	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
180	245 W	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
136	249	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
	N			Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
181	249 N	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
137	257 N	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
138	257 N	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
182	257 N	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
183	257 N	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
139	284 W	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
184	284 W	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
140	291 SW	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
185	291 SW	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
141	292 SW	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
186	292 SW	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
142	319 NE	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions)

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
				Average Width in Watercourse Section (m): Not Provided
187	319 NE	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
143	324 NE	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
188	324 NE	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
261	326 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
262	326 E	River Churn	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 3.7
306	326 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
307	326 E	River Churn	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 3.7
144	331 N	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
189	331 N	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
145	332 NE	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
146	332 NW	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
190	332 NE	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
191	332 NW	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
147	335 NE	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
192	335 NE	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
148	336 NE	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
193	336 NE	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
149	342 N	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
194	342 N	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
150	345 W	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
195	345 W	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
151	347 W	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
196	347 W	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
152	359 W	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
197	359	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
	W			Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
153	367 W	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
198	367 W	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
154	370 W	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
199	370 W	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
155	372 W	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
200	372 W	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
156	374 W	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
157	374 W	Norman's Brook	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
201	374 W	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
202	374 W	Norman's Brook	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
158	407 W	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.3
203	407 W	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions)

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
				Average Width in Watercourse Section (m): 2.3
159	408 NW	-	Lake, loch or reservoir.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 3.0
204	408 NW	-	Lake, loch or reservoir.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 3.0
160	409 W	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 3.5
161	409 W	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.6
162	409 N	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
205	409 W	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 3.5
206	409 W	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.6
207	409 N	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
163	412 NW	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
208	412 NW	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
164	416 N	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
209	416 N	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
263	417 E	River Churn	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 3.3
264	417 E	River Churn	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 1.6
308	417 E	River Churn	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 3.3
309	417 E	River Churn	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 1.6
165	418 W	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
210	418 W	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
166	422 NW	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
211	422 NW	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
167	429 W	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
212	429 W	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
168	431 N	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
213	431 N	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
265	435	River Churn	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
	E			Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.3
266	435 E	River Churn	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 4.8
310	435 E	River Churn	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.3
311	435 E	River Churn	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 4.8
267	436 E	River Churn	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.4
312	436 E	River Churn	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.4
268	438 E	River Churn	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 1.9
313	438 E	River Churn	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 1.9
169	443 W	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
214	443 W	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
269	446 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
270	446 E	River Churn	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.0
314	446 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions)

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
				Average Width in Watercourse Section (m): Not Provided
315	446 E	River Churn	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.0
271	451 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
316	451 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
170	458 W	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
215	458 W	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
272	460 E	River Churn	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 4.7
273	460 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
317	460 E	River Churn	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 4.7
318	460 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
171	469 NW	-	Lake, loch or reservoir.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 11.4
216	469 NW	-	Lake, loch or reservoir.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 11.4
172	474 W	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
217	474 W	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
173	478 W	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 1.6
218	478 W	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 1.6
174	481 W	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
274	481 E	River Churn	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 6.1
275	481 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
219	481 W	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
319	481 E	River Churn	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 6.1
320	481 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
175	485 NW	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
220	485 NW	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
176	489 NW	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
221	489	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
	NW			Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
276	492 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
321	492 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
177	498 W	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
222	498 W	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided

6.11 Surface Water Features

Surface water features within 250m of the study site

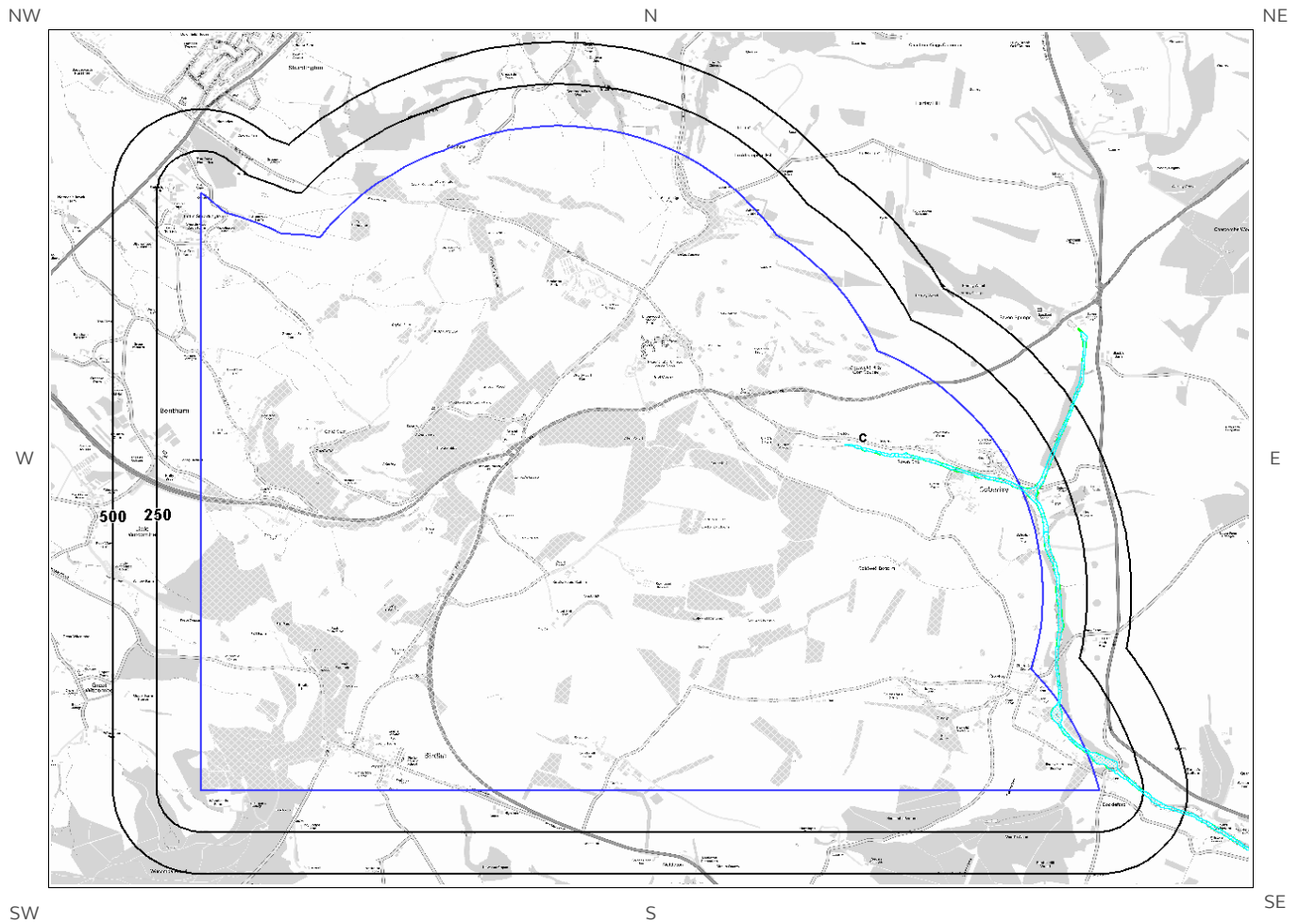
Identified

The following surface water records are not represented on mapping:

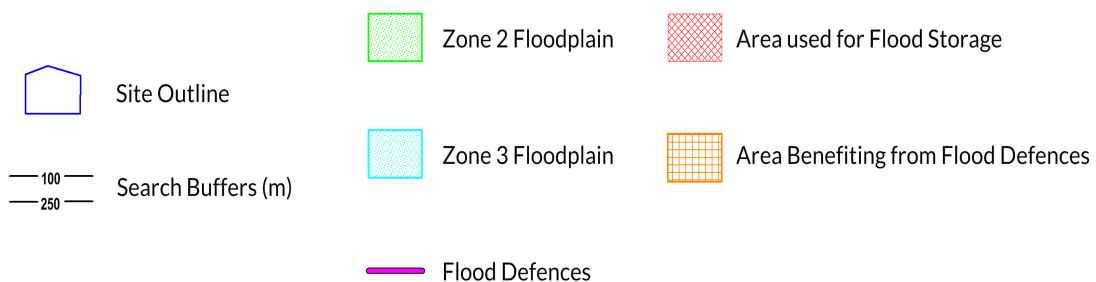
Distance (m)	Direction
78	NE
81	E
82	N
91	W
91	W
96	E
101	E
101	N
102	N
110	W
111	NW
113	W
122	W
130	W
133	S
136	W
147	E
148	S
152	NW
154	W
158	W
168	S
179	N
181	E
184	NE
186	W
198	N
199	E
206	W
231	N
233	NE
233	NE
234	W
234	W
240	W
245	W
245	W



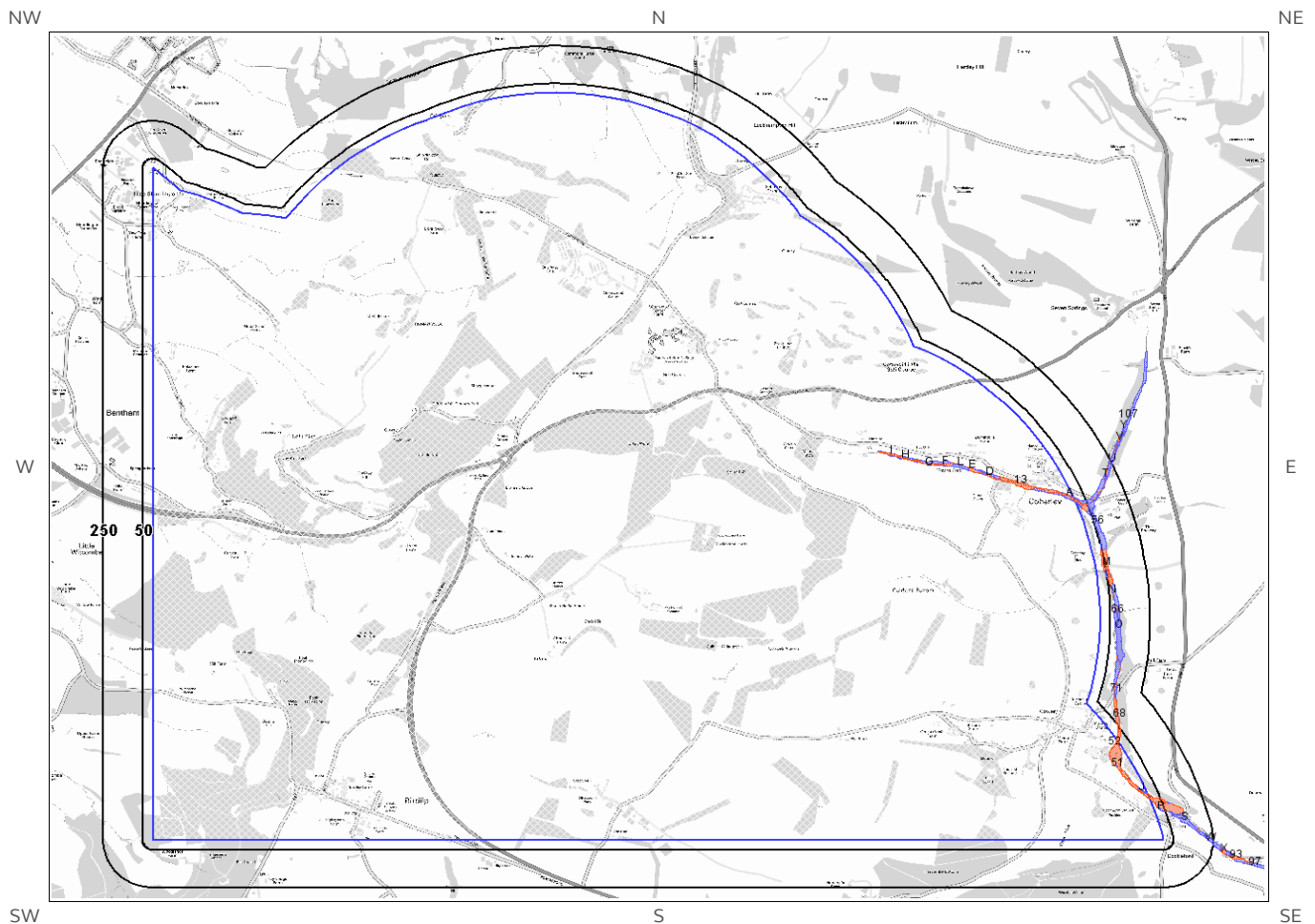
7a. Environment Agency/Natural Resources Wales Flood Map for Planning (from rivers and the sea)



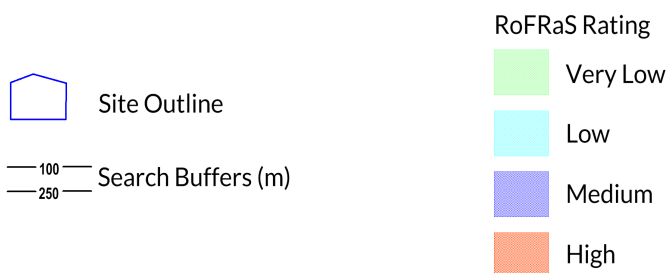
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7b. Environment Agency/Natural Resources Wales Risk of Flooding from Rivers and the Sea (RoFRaS) Map



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7 Flooding

7.1 River and Coastal Zone 2 Flooding

Environment Agency/Natural Resources Wales Zone 2 floodplain within 250m

Identified

Environment Agency/Natural Resources Wales Zone 2 floodplains estimate the annual probability of flooding as between 1 in 1000 (0.1%) and 1 in 100 (1%) from rivers and between 1 in 1000 (0.1%) and 1 in 200 (0.5%) from the sea. Any relevant data is represented on Map 7a – Flood Map for Planning:

ID	Distance (m)	Direction	Update	Type
1B	0	On Site	20-Jun-2019	Zone 2 - (Fluvial /Tidal Models)
2A	0	On Site	20-Jun-2019	Zone 2 - (Fluvial /Tidal Models)
3C	0	On Site	20-Jun-2019	Zone 2 - (Fluvial /Tidal Models)

7.2 River and Coastal Zone 3 Flooding

Environment Agency/Natural Resources Wales Zone 3 floodplain within 250m

Identified

Zone 3 shows the extent of a river flood with a 1 in 100 (1%) or greater chance of occurring in any year or a sea flood with a 1 in 200 (0.5%) or greater chance of occurring in any year. Any relevant data is represented on Map 7a – Flood Map for Planning.

ID	Distance (m)	Direction	Update	Type
1B	0	On Site	20-Jun-2019	Zone 3 - (Fluvial Models)
2A	0	On Site	20-Jun-2019	Zone 3 - (Fluvial Models)
3C	0	On Site	20-Jun-2019	Zone 3 - (Fluvial Models)

7.3 Risk of Flooding from Rivers and the Sea (RoFRaS) Flood Rating

Highest risk of flooding onsite

High

The Environment Agency/Natural Resources Wales RoFRaS database provides an indication of river and coastal flood risk at a national level on a 50m grid with the flood rating at the centre of the grid calculated and given above. The data considers the probability that the flood defences will overtop or breach by considering their location, type, condition and standard of protection.

RoFRaS data for the study site indicates the property is in an area with a High (1 in 30 or greater) chance of flooding in any given year.

Any relevant data within 250m is represented on the RoFRaS Flood map. Data to 50m is reported in the table below.

ID	Distance (m)	Direction	RoFRaS flood Risk
1K	0.0	On Site	High
2C	0.0	On Site	High
3B	0.0	On Site	Medium
4R	0.0	On Site	Medium
5A	0.0	On Site	Medium
6A	0.0	On Site	Medium
7B	0.0	On Site	Medium
8B	0.0	On Site	Medium
9B	0.0	On Site	Medium
10C	0.0	On Site	Medium
11C	0.0	On Site	Medium
12C	0.0	On Site	Medium
13	0.0	On Site	Medium
14D	0.0	On Site	Medium
15D	0.0	On Site	High
16D	0.0	On Site	Medium
17D	0.0	On Site	Medium
18D	0.0	On Site	Medium
19D	0.0	On Site	Medium
20D	0.0	On Site	Medium
21E	0.0	On Site	Medium
22E	0.0	On Site	High
23E	0.0	On Site	High
24F	0.0	On Site	High
25F	0.0	On Site	Medium
26E	0.0	On Site	High
27L	0.0	On Site	High
28H	0.0	On Site	High
29G	0.0	On Site	Medium
30G	0.0	On Site	Medium
31G	0.0	On Site	Medium
32F	0.0	On Site	Medium
33H	0.0	On Site	Medium

34H	0.0	On Site	Medium
35H	0.0	On Site	Medium
36H	0.0	On Site	Medium
37H	0.0	On Site	Medium
38H	0.0	On Site	Medium
39H	0.0	On Site	Medium
40H	0.0	On Site	Medium
41I	0.0	On Site	Medium
42I	0.0	On Site	Medium
43I	0.0	On Site	Medium
44J	0.0	On Site	Medium
45J	0.0	On Site	Medium
46J	0.0	On Site	Medium
47J	0.0	On Site	Medium
48J	0.0	On Site	Medium
49J	0.0	On Site	Medium
50K	0.0	On Site	Medium
51	0.0	On Site	Medium
52	0.0	On Site	Medium
53A	0.0	On Site	Medium
54L	0.0	On Site	Medium
55P	20.0	E	Medium
56	30.0	E	Medium
57M	34.0	E	High
58M	35.0	E	Medium
59M	38.0	E	Medium

7.4 Flood Defences

Flood Defences within 250m of the study site None identified
 Database searched and no data found.

7.5 Areas benefiting from Flood Defences

Areas benefiting from Flood Defences within 250m of the study site None identified

7.6 Areas benefiting from Flood Storage

Areas used for Flood Storage within 250m of the study site None identified

7.7 Groundwater Flooding Susceptibility Areas

7.7.1 British Geological Survey groundwater flooding susceptibility areas within 50m of the boundary of the study site Identified

Clearwater Flooding or Superficial Deposits Flooding Clearwater Flooding

Notes: Groundwater flooding may either be associated with shallow unconsolidated sedimentary aquifers which overlie unproductive aquifers (Superficial Deposits Flooding), or with unconfined aquifers (Clearwater Flooding).

7.7.2 Highest susceptibility to groundwater flooding in the search area based on the underlying geological conditions

Potential at Surface

Where potential for groundwater flooding to occur at surface is indicated, this means that given the geological conditions in the area groundwater flooding hazard should be considered in all land-use planning decisions. It is recommended that other relevant information e.g. records of previous incidence of groundwater flooding, rainfall, property type, and land drainage information be investigated in order to establish relative, but not absolute, risk of groundwater flooding.

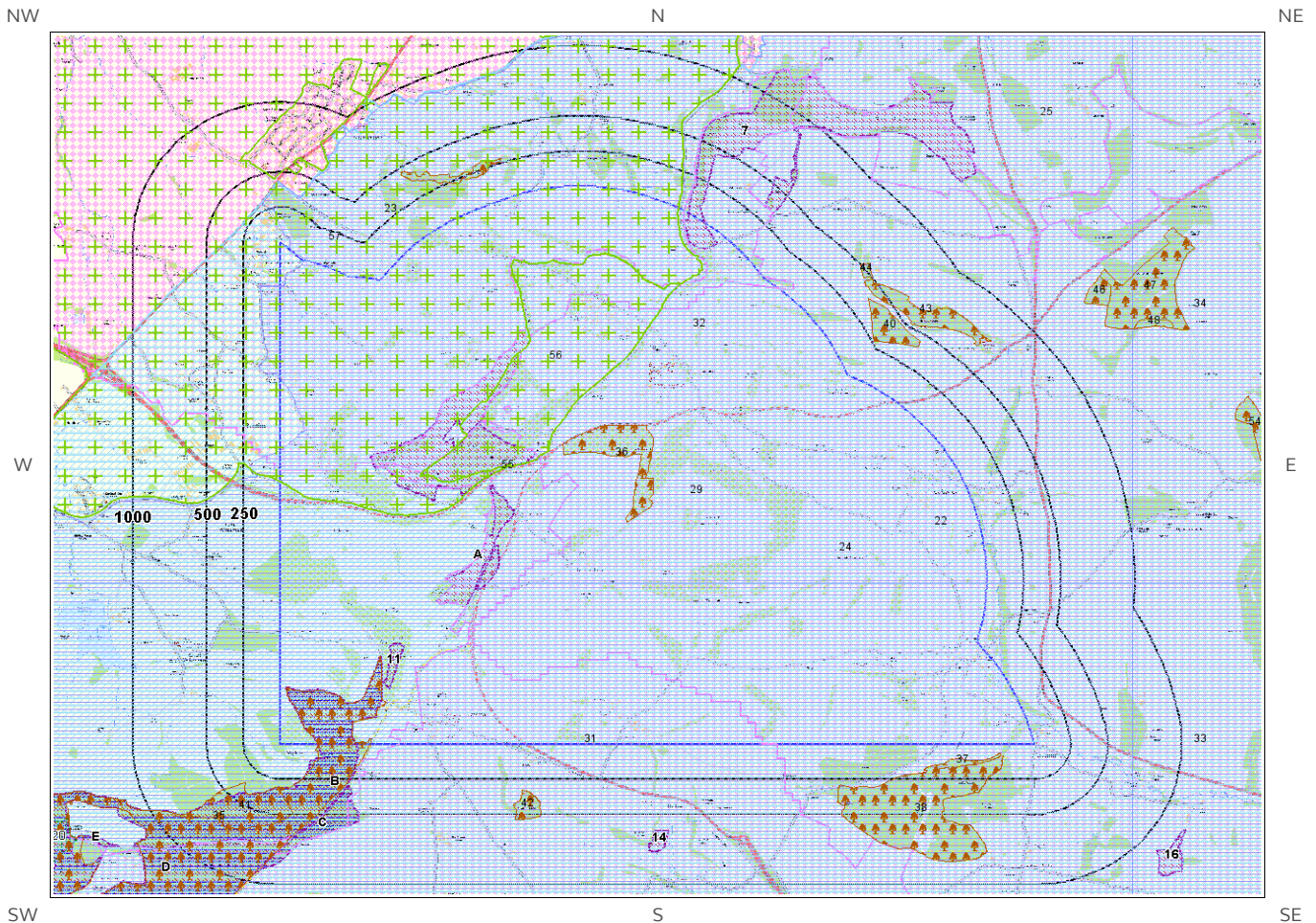
7.8 Groundwater Flooding Confidence Areas

British Geological Survey confidence rating in this result High

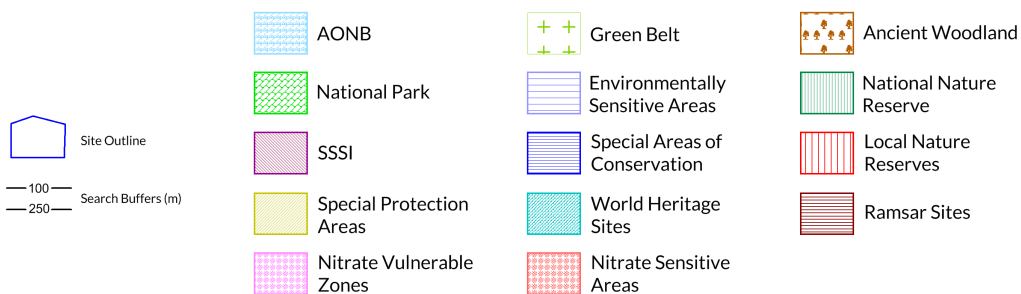
Notes: Groundwater flooding is defined as the emergence of groundwater at the ground surface or the rising of groundwater into man-made ground under conditions where the normal range of groundwater levels is exceeded.

The confidence rating is on a threefold scale - Low, Moderate and High. This provides a relative indication of the BGS confidence in the accuracy of the susceptibility result for groundwater flooding. This is based on the amount and precision of the information used in the assessment. In areas with a relatively lower level of confidence the susceptibility result should be treated with more caution. In other areas with higher levels of confidence the susceptibility result can be used with more confidence.

8. Designated Environmentally Sensitive Sites Map



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8. Designated Environmentally Sensitive Sites

Designated Environmentally Sensitive Sites within 2000m of the study site

Identified

8.1 Records of Sites of Special Scientific Interest (SSSI) within 2000m of the study site:

13

The following Site of Special Scientific Interest (SSSI) records provided by Natural England/Natural Resources Wales are represented as polygons on the Designated Environmentally Sensitive Sites Map:

ID	Distance (m)	Direction	SSSI Name	Data Source
7	0	On Site	Leckhampton Hill and Charlton Kings Common	Natural England
8	0	On Site	Crickley Hill and Barrow Wake	Natural England
9A	0	On Site	Crickley Hill and Barrow Wake	Natural England
10A	0	On Site	Crickley Hill and Barrow Wake	Natural England
11	0	On Site	Knap House Quarry, Birdlip	Natural England
12B	0	On Site	Cotswold Commons and Beechwoods	Natural England
13C	289	S	Cotswold Commons and Beechwoods	Natural England
14	616	S	Bushley Muzzard, Brimpsfield	Natural England
15D	665	S	Cotswold Commons and Beechwoods	Natural England
16	1126	SE	Cockleford Marsh	Natural England
17E	1313	SW	Cotswold Commons and Beechwoods	Natural England
Not shown	1765	W	Cotswold Commons and Beechwoods	Natural England
Not shown	1825	W	Cotswold Commons and Beechwoods	Natural England

8.2 Records of National Nature Reserves (NNR) within 2000m of the study site:

2

The following National Nature Reserve (NNR) records provided by Natural England/Natural Resources Wales are represented as polygons on the Designated Environmentally Sensitive Sites Map:

ID	Distance (m)	Direction	NNR Name	Data Source
20	1528	W	Cotswold Commons and Beechwoods	Natural England
Not shown	1804	W	Cotswold Commons and Beechwoods	Natural England

8.3 Records of Special Areas of Conservation (SAC) within 2000m of the study site:

6

The following Special Area of Conservation (SAC) records provided by Natural England/Natural Resources Wales are represented as polygons on the Designated Environmentally Sensitive Sites Map:

ID	Distance (m)	Direction	SAC Name	Data Source
1B	0	On Site	Cotswold Beechwoods	Natural England
2C	289	S	Cotswold Beechwoods	Natural England
3D	665	S	Cotswold Beechwoods	Natural England
4E	1313	SW	Cotswold Beechwoods	Natural England
Not shown	1765	W	Cotswold Beechwoods	Natural England
Not shown	1825	W	Cotswold Beechwoods	Natural England

8.4 Records of Special Protection Areas (SPA) within 2000m of the study site:

0

Database searched and no data found.

8.5 Records of Ramsar sites within 2000m of the study site:

0

Database searched and no data found.

8.6 Records of Ancient Woodland within 2000m of the study site:

20

The following records of Designated Ancient Woodland provided by Natural England/Natural Resources Wales are represented as polygons on the Designated Environmentally Sensitive Sites Map:

ID	Distance (m)	Direction	Ancient Woodland Name	Data Source
35	0	On Site	WITCOMBE/ BUCKLE WOODS	Ancient and Semi-Natural Woodland
36	0	On Site	ULLEN WOOD	Ancient and Semi-Natural Woodland
37	66	S	COWLEY/WARDS WOODS	Ancient and Semi-Natural Woodland
38	75	S	COWLEY/WARDS WOODS	Ancient Replanted Woodland
39	215	NW	UNKNOWN	Ancient and Semi-Natural Woodland
40	261	NE	HARTLEY WOOD	Ancient and Semi-Natural Woodland
41	308	S	WITCOMBE/ BUCKLE WOODS	Ancient Replanted Woodland
42	326	S	HAWCOTE HILL WOOD	Ancient and Semi-Natural Woodland
43	431	NE	HARTLEY WOOD	Ancient and Semi-Natural Woodland
44	454	NE	HARTLEY WOOD	Ancient and Semi-Natural Woodland
Not shown	1132	S	HAZEL HANGER WOOD	Ancient Replanted Woodland
46	1390	NE	CHATCOMBE WOOD	Ancient and Semi-Natural Woodland
47	1398	NE	CHATCOMBE WOOD	Ancient Replanted Woodland
48	1538	NE	CHATCOMBE WOOD	Ancient and Semi-Natural Woodland
Not shown	1551	S	HAZEL HANGER WOOD	Ancient and Semi-Natural Woodland
Not shown	1659	S	POSTON/SYDE/OSTRICH WOODS	Ancient and Semi-Natural Woodland
Not shown	1791	S	PARK WOOD	Ancient Replanted Woodland
Not shown	1794	S	PARK WOOD	Ancient and Semi-Natural Woodland
Not shown	1849	S	POSTON/SYDE/OSTRICH WOODS	Ancient Replanted Woodland
54	1869	E	HILCOT WOOD	Ancient and Semi-Natural Woodland

8.7 Records of Local Nature Reserves (LNR) within 2000m of the study site:

0

Database searched and no data found.

8.8 Records of World Heritage Sites within 2000m of the study site:

0

Database searched and no data found.

8.9 Records of Environmentally Sensitive Areas within 2000m of the study site:

4

The following Environmentally Sensitive Area records produced by DEFRA are represented as polygons on the Designated Environmentally Sensitive Sites Map:

ID	Distance (m)	Direction	ESA Name	Data Source
31	0	On Site	Cotswold Hills	Natural England
32	0	On Site	Cotswold Hills	Natural England
33	668	E	Cotswold Hills	Natural England
34	986	E	Cotswold Hills	Natural England

8.10 Records of Areas of Outstanding Natural Beauty (AONB) within 2000m of the study site:

2

The following Area of Outstanding Natural Beauty (AONB) records provided by Natural England/Natural Resources Wales are represented as polygons on the Designated Environmentally Sensitive Sites Map:

ID	Distance (m)	Direction	AONB/NSA Name	Data Source
29	0	On Site	Cotswolds	Natural England
Not shown	1743	W	Cotswolds	Natural England

8.11 Records of National Parks (NP) within 2000m of the study site:

0

Database searched and no data found.

8.12 Records of Nitrate Sensitive Areas within 2000m of the study site:

0

Database searched and no data found.

8.13 Records of Nitrate Vulnerable Zones within 2000m of the study site:

7

The following Nitrate Vulnerable Zone records produced by DEFRA are represented as polygons on the Designated Environmentally Sensitive Sites Map:

ID	Distance (m)	Direction	NVZ Name	Data Source
22	0	On Site	Existing	DEFRA
23	0	On Site	Existing	DEFRA
24	0	On Site	Existing	DEFRA
25	914	NE	Existing	DEFRA
Not shown	1754	W	Existing	DEFRA
Not shown	1825	W	Existing	DEFRA
Not shown	1929	N	Existing	DEFRA

8.14 Records of Green Belt land within 2000m of the study site:

8

Green Belt data contains Ordnance Survey data © Crown copyright and database right [2015].

ID	Distance	Direction	Green Belt Name	Local Authority Name
55	0	On Site	Gloucester Green Belt	Tewkesbury
56	0	On Site	Gloucester Greenbelt	Cotswold District
57	0	On Site	Gloucester Green Belt	Tewkesbury
Not shown	1185	N	Gloucester Green Belt	Cheltenham
Not shown	1738	N	Gloucester Green Belt	Cheltenham
Not shown	1743	W	Gloucester Green Belt	Tewkesbury
Not shown	1743	W	Gloucester Green Belt	Tewkesbury
Not shown	1950	N	Gloucester Green Belt	Tewkesbury

9. Natural Hazards Findings

9.1 Detailed BGS GeoSure Data

BGS GeoSure Data has been searched to 50m. The data is included in tabular format. If you require further information on geology and ground stability, please obtain a **Groundsure Geo Insight**, available from our **website**. The following information has been found:

9.1.1 Shrink Swell

Maximum Shrink-Swell** hazard rating identified on the study site Low

The following natural subsidence information provided by the British Geological Survey is not represented on mapping:

Hazard
Ground conditions predominantly medium plasticity. Do not plant trees with high soil moisture demands near to buildings. For new build, consideration should be given to advice published by the National House Building Council (NHBC) and the Building Research Establishment (BRE). There is a possible increase in construction cost to reduce potential shrink-swell problems. For existing property, there is a possible increase in insurance risk, especially during droughts or where vegetation with high moisture demands is present.

9.1.2 Landslides

Maximum Landslide* hazard rating identified on the study site High

The following natural subsidence information provided by the British Geological Survey is not represented on mapping:

Hazard
Very significant potential for slope instability. Active or inactive landslides may be present; Seek expert advice about stability of the ground and the management of ground stability. For new build slope stability assessment necessary, special design may be necessary, construction may not be possible. For existing property significant increase in insurance risk in some cases. Site-specific consideration is necessary to separate cases where landslides are artificially or naturally stabilised from those that may be active or may fail.

9.1.3 Soluble Rocks

Maximum Soluble Rocks* hazard rating identified on the study site Low

The following natural subsidence information provided by the British Geological Survey is not represented on mapping:

Hazard
Significant soluble rocks are present. Low possibility of subsidence occurring naturally, but may be possible in adverse conditions such as high surface or subsurface water flow. Consider implications for stability when changes to drainage or new construction are planned. For new build site investigation should consider potential for dissolution problems on the site and its surroundings. Care should be taken with local drainage into the bedrock. Some possibility groundwater pollution. For existing property possible increase in insurance risk due to

* This indicates an automatically generated 50m buffer and site.

Hazard

soluble rocks.

9.1.4 Compressible Ground

Maximum Compressible Ground* hazard rating identified on the study site

Moderate

The following natural subsidence information provided by the British Geological Survey is not represented on mapping:

Hazard

Significant potential for compressibility problems. Avoid large differential loadings of ground. Do not drain or de-water ground near the property without technical advice. For new build consider possibility of compressible ground in ground investigation, construction and building design. Consider effects of groundwater changes. Extra construction costs are likely. For existing property possible increase in insurance risk from compressibility, especially if water conditions or loading of the ground change significantly.

9.1.5 Collapsible Rocks

Maximum Collapsible Rocks* hazard rating identified on the study site

Very Low

The following natural subsidence information provided by the British Geological Survey is not represented on mapping:

Hazard

Deposits with potential to collapse when loaded and saturated are unlikely to be present. No special ground investigation required or increased construction costs or increased financial risk due to potential problems with collapsible deposits.

9.1.6 Running Sand

Maximum Running Sand** hazard rating identified on the study site

Low

The following natural subsidence information provided by the British Geological Survey is not represented on mapping:

Hazard

Possibility of running sand problems after major changes in ground conditions. Normal maintenance to avoid leakage of water-bearing services or water bodies (ponds, swimming pools) should reduce likelihood of problems due to running sand. For new build consider possibility of running sand into trenches or excavations if water table is high or sandy strata are exposed to water. Avoid concentrated water inputs to site. Unlikely to be an increase in construction costs due to potential for running sand. For existing property no significant increase in insurance risk due to running sand problems is likely.

* This indicates an automatically generated 50m buffer and site.

9.2 Radon

9.2.1 Radon Affected Areas

Is the property in a Radon Affected Area as defined by the Health Protection Agency (HPA) and if so what percentage of homes are above the Action Level? The site is in a Radon Affected Area, as between 10 and 30% of properties are above the Action Level.

The radon data in this report is supplied by the BGS/Public Health England and is the definitive map of Radon Affected Areas in Great Britain and Northern Ireland. The dataset was created using long-term radon measurements in over 479,000 homes across Great Britain and 23,000 homes across Northern Ireland, combined with geological data. The dataset is considered accurate to 50m to allow for the margin of error in geological lines, and the findings of this report supercede any answer given in the less accurate Indicative Atlas of Radon in Great Britain, which simplifies the data to give the highest risk within any given 1km grid square. As such, the radon atlas is considered indicative, whereas the data given in this report is considered definitive.

9.2.2 Radon Protection

Is the property in an area where Radon Protection are required for new properties or extensions to existing ones as described in publication BR211 by the Building Research Establishment? Full radon protective measures are necessary.

10. Mining

10.1 Coal Mining

Coal mining areas within 75m of the study site

None identified

Database searched and no data found.

10.2 Non-Coal Mining

Non-Coal Mining areas within 50m of the study site boundary

Identified

The following non-coal mining information is provided by the BGS:

Distance (m)	Direction	Name	Commodity	Assessment of likelihood
0.0	On Site	Birdlip	Limestone - Bath Stone	Underground mining is known or considered likely to have occurred within or close to the area. Potential for difficult ground conditions are at a level where they should be considered

Past underground mine workings are probable. These are areas known or suspected to contain underground mining for minerals and/or other materials. In the case of mineral veins these are areas within 500m of mapped mineral veins within which it is likely that mining activities may have occurred and subsidiary veins explored and exploited. It should be noted, however, that there is always the possibility of the existence of other sub-surface excavations, such as wells, cess pits, follies, air raid shelters/bunkers and other military structures etc. that could affect surface ground stability but which are outside the scope of this dataset. However, if in a coalfield area you should still consider a Coal Authority mining search for the area of interest.

10.3 Brine Affected Areas

Brine affected areas within 75m of the study site

None identified

Guidance: No Guidance Required.

Contact Details

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Telephone: 08444 159 000
info@groundsure.com

British Geological Survey Enquiries

Kingsley Dunham Centre
Keyworth, Nottingham NG12 5GG
Tel: 0115 936 3143.
Fax: 0115 936 3276.
Email:

Web: www.bgs.ac.uk

BGS Geological Hazards Reports and general geological enquiries:
enquiries@bgs.ac.uk

Environment Agency

National Customer Contact Centre, PO Box 544
Rotherham, S60 1BY
Tel: 03708 506 506

Web: www.environment-agency.gov.uk

Email: enquiries@environment-agency.gov.uk

Public Health England

Public information access office
Public Health England, Wellington House
133-155 Waterloo Road, London, SE1 8UG
www.gov.uk/phe

Email: enquiries@phe.gov.uk
Main switchboard: 020 7654 8000

The Coal Authority

200 Lichfield Lane
Mansfield
Notts NG18 4RG
Tel: 0345 7626 848
DX 716176 Mansfield 5
www.coal.gov.uk

Ordnance Survey

Adanac Drive, Southampton
SO16 0AS
Tel: 08456 050505

Local Authority

Authority: Cotswold District Council
Phone: 01285 623 000
Web: <http://www.cotswold.gov.uk/>
Address: Trinity Road, Cirencester, Gloucestershir, GL7 1PX

Gemapping PLC

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Hampshire RG27 8NW
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Public Health
England



The Coal
Authority



Acknowledgements: Site of Special Scientific Interest, National Nature Reserve, Ramsar Site, Special Protection Area, Special Area of Conservation data is provided by, and used with the permission of, Natural England/Natural Resources Wales who retain the Copyright and Intellectual Property Rights for the data.

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<https://www.groundsure.com/terms-and-conditions-feb11-2019>



Groundsure

LOCATION INTELLIGENCE

Groundsure Reference: ARUP_3

Your Reference: ARUP_3

Report Date 8th July 2019

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Enviro Insight

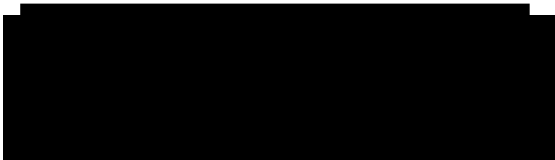
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If you need any further assistance, please do not hesitate to contact our helpline on 08444 159000 quoting the above Groundsure reference number.

Yours faithfully,



Managing Director
Groundsure Limited

Enc.
Groundsure Enviroinsight

Address:

Date: 8th July 2019

Reference: ARUP_3

Client:

NW

N

NE

W

E



SW

S

SE

Aerial Photograph Capture date: 14-May-2018

Grid Reference: 567362,155547

Site Size: NaNha

Report Reference: ARUP_3

Client Reference: ARUP_3

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Overview of Findings

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Section 1: Historical Industrial Sites	On-site	0-50	51-250	251-500
1.1 Potentially Contaminative Uses identified from 1:10,000 scale mapping	122	8	49	71
1.2 Additional Information – Historical Tank Database	8	5	6	4
1.3 Additional Information – Historical Energy Features Database	0	0	0	4
1.4 Additional Information – Historical Petrol and Fuel Site Database	0	0	0	0
1.5 Additional Information – Historical Garage and Motor Vehicle Repair Database	0	0	4	0
1.6 Historical military sites	0	0	0	0
1.7 Potentially Infilled Land	128	7	42	81
Section 2: Environmental Permits, Incidents and Registers	On-site	0-50m	51-250	251-500
2.1 Industrial Sites Holding Environmental Permits and/or Authorisations				
2.1.1 Records of historic IPC Authorisations	0	0	0	0
2.1.2 Records of Part A(1) and IPPC Authorised Activities	0	0	0	0
2.1.3 Records of Red List Discharge Consents	0	0	0	0
2.1.4 Records of List 1 Dangerous Substances Inventory sites	0	0	0	0
2.1.5 Records of List 2 Dangerous Substances Inventory sites	0	0	0	0
2.1.6 Records of Part A(2) and Part B Activities and Enforcements	0	0	0	0
2.1.7 Records of Category 3 or 4 Radioactive Substances Authorisations	0	0	0	0
2.1.8 Records of Licensed Discharge Consents	4	6	8	1
2.1.9 Records of Water Industry Referrals	0	0	0	0
2.1.10 Records of Planning Hazardous Substance Consents and Enforcements within 500m of the study site	0	0	0	0
2.2 Records of COMAH and NIHHS sites	0	0	0	0
2.3 Environment Agency/Natural Resources Wales Recorded Pollution Incidents				
2.3.1 National Incidents Recording System, List 2	3	0	1	1
2.3.2 National Incidents Recording System, List 1	0	0	0	0
2.4 Sites Determined as Contaminated Land under Part 2A EPA 1990	0	0	0	0

Section 3: Landfill and Other Waste Sites	On-site	0-50m	51-250	251-500	501-1000	1000-1500
3.1 Landfill Sites						
3.1.1 Environment Agency/Natural Resources Wales Registered Landfill Sites	0	0	0	0	0	Not searched
3.1.2 Environment Agency/Natural Resources Wales Historic Landfill Sites	0	0	0	0	0	0
3.1.3 BGS/DoE Landfill Site Survey	0	0	0	0	0	0
3.1.4 Records of Landfills in Local Authority and Historical Mapping Records	0	0	0	0	0	0
3.2 Landfill and Other Waste Sites Findings						
3.2.1 Operational and Non-Operational Waste Treatment, Transfer and Disposal Sites	0	0	0	0	Not searched	Not searched
3.2.2 Environment Agency/Natural Resources Wales Licensed Waste Sites	0	0	0	0	0	0

Section 4: Current Land Use	On-site	0-50m	51-250	251-500
4.1 Current Industrial Sites Data	20	2	6	Not searched
4.2 Records of Petrol and Fuel Sites	0	0	0	0
4.3 National Grid Underground Electricity Cables	0	0	0	0
4.4 National Grid Gas Transmission Pipelines	2	0	0	0

Section 5: Geology	
5.1 Records of Artificial Ground and Made Ground present beneath the study site	Identified
5.2 Records of Superficial Ground and Drift Geology present beneath the study site	Identified
5.3 For records of Bedrock and Solid Geology beneath the study site see the detailed findings section.	

Section 6: Hydrogeology and Hydrology	On-site	0-50m	51-250	251-500	501-1000	1000-2000
0-500m						
6.1 Records of Strata Classification in the Superficial Geology within 500m of the study site				Identified		
6.2 Records of Strata Classification in the Bedrock Geology within 500m of the study site				Identified		
6.3 Groundwater Abstraction Licences (within 2000m of the study site)	0	0	0	1	0	12
6.4 Surface Water Abstraction Licences (within 2000m of the study site)	2	0	0	3	6	4
6.5 Potable Water Abstraction Licences (within 2000m of the study site)	2	0	0	3	2	1
6.6 Source Protection Zones (within 500m of the study site)	1	0	0	0	Not searched	Not searched
6.7 Source Protection Zones within Confined Aquifer	0	0	0	0	Not searched	Not searched
6.8 Groundwater Vulnerability and Soil Leaching Potential (within 500m of the study site)	18	0	6	1	Not searched	Not searched

Section 6: Hydrogeology and Hydrology

0-500m

	On-site	0-50m	51-250	251-500	501-1000	1000-1500
6.9 Environment Agency/Natural Resources Wales information on river quality within 1500m of the study site	Yes	No	No	No	No	No
6.10 Ordnance Survey MasterMap Water Network entries within 500m of the site	166	4	68	118	Not searched	Not searched
6.11 Surface water features within 250m of the study site	Yes	Yes	Yes	Not searched	Not searched	Not searched

Section 7: Flooding

7.1 Environment Agency Zone 2 floodplains within 250m of the study site	Identified					
7.2 Environment Agency/Natural Resources Wales Zone 3 floodplains within 250m of the study site	Identified					
7.3 Risk of flooding from Rivers and the Sea (RoFRaS) rating for the study site	High					
7.4 Flood Defences within 250m of the study site	None identified					
7.5 Areas benefiting from Flood Defences within 250m of the study site	None identified					
7.6 Areas used for Flood Storage within 250m of the study site	None identified					
7.7 Maximum BGS Groundwater Flooding susceptibility within 50m of the study site	Potential at Surface					
7.8 BGS confidence rating for the Groundwater Flooding susceptibility areas	High					

Section 8: Designated Environmentally Sensitive Sites

	On-site	0-50m	51-250	251-500	501-1000	1000-2000
8.1 Records of Sites of Special Scientific Interest (SSSI)	4	0	0	1	3	9
8.2 Records of National Nature Reserves (NNR)	0	0	0	0	0	8
8.3 Records of Special Areas of Conservation (SAC)	3	0	0	0	1	4
8.4 Records of Special Protection Areas (SPA)	0	0	0	0	0	0
8.5 Records of Ramsar sites	0	0	0	0	0	0
8.6 Records of Ancient Woodlands	16	0	5	2	3	15
8.7 Records of Local Nature Reserves (LNR)	0	0	0	0	0	1
8.8 Records of World Heritage Sites	0	0	0	0	0	0
8.9 Records of Environmentally Sensitive Areas	1	0	0	0	1	2

Section 8: Designated Environmentally Sensitive Sites

	On-site	0-50m	51-250	251-500	501-1000	1000-2000
8.10 Records of Areas of Outstanding Natural Beauty (AONB)	1	0	0	0	0	2
8.11 Records of National Parks	0	0	0	0	0	0
8.12 Records of Nitrate Sensitive Areas	0	0	0	0	0	0
8.13 Records of Nitrate Vulnerable Zones	2	0	0	0	0	4
8.14 Records of Green Belt land	0	0	0	0	0	3

Section 9: Natural Hazards

9.1 Maximum risk of natural ground subsidence

Moderate

9.1.1 Maximum Shrink-Swell hazard rating identified on the study site

Low

9.1.2 Maximum Landslides hazard rating identified on the study site

High

9.1.3 Maximum Soluble Rocks hazard rating identified on the study site

Low

9.1.4 Maximum Compressible Ground hazard rating identified on the study site

Moderate

9.1.5 Maximum Collapsible Rocks hazard rating identified on the study site

Very Low

9.1.6 Maximum Running Sand hazard rating identified on the study site

Low

9.2 Radon

9.2.1 Is the property in a Radon Affected Area as defined by the Health Protection Agency (HPA) and if so what percentage of homes are above the Action Level?

The site is in a Radon Affected Area, as between 10 and 30% of properties are above the Action Level.

9.2.2 Is the property in an area where Radon Protection are required for new properties or extensions to existing ones as described in publication BR211 by the Building Research Establishment?

Full radon protective measures are necessary.

Section 10: Mining

10.1 Coal mining areas within 75m of the study site

None identified

10.2 Non-Coal Mining areas within 50m of the study site boundary

Identified

10.3 Brine affected areas within 75m of the study site

None identified

Using this report

The following report is designed by Environmental Consultants for Environmental Professionals bringing together the most up-to-date market leading environmental data. This report is provided under and subject to the Terms & Conditions agreed between Groundsure and the Client. The document contains the following sections:

1. Historical Industrial Sites

Provides information on past land uses that may pose a risk to the study site in terms of potential contamination from activities or processes. Potentially Infilled Land features are also included. This search is conducted using radii of up to 500m.

2. Environmental Permits, Incidents and Registers

Provides information on Regulated Industrial Activities and Pollution Incidents as recorded by Regulatory Authorities, and sites determined as Contaminated Land. This search is conducted using radii up to 500m.

3. Landfills and Other Waste Sites

Provides information on landfills and other waste sites that may pose a risk to the study site. This search is conducted using radii up to 1500m.

4. Current Land Uses

Provides information on current land uses that may pose a risk to the study site in terms of potential contamination from activities or processes. These searches are conducted using radii of up to 500m. This includes information on potentially contaminative industrial sites, petrol stations and fuel sites as well as high pressure gas pipelines and underground electricity transmission lines.

5. Geology

Provides information on artificial and superficial deposits and bedrock beneath the study site.

6. Hydrogeology and Hydrology

Provides information on productive strata within the bedrock and superficial geological layers, abstraction licences, Source Protection Zones (SPZs) and river quality. These searches are conducted using radii of up to 2000m.

7. Flooding

Provides information on river and coastal flooding, flood defences, flood storage areas and groundwater flood areas. This search is conducted using radii of up to 250m.

8. Designated Environmentally Sensitive Sites

Provides information on the Sites of Special Scientific Interest (SSSI), National Nature Reserves (NNR), Special Areas of Conservation (SAC), Special Protection Areas (SPA), Ramsar sites, Local Nature Reserves (LNR), Areas of Outstanding Natural Beauty (AONB), National Parks (NP), Environmentally Sensitive Areas, Nitrate Sensitive Areas, Nitrate Vulnerable Zones and World Heritage Sites and Scheduled Ancient Woodland. These searches are conducted using radii of up to 2000m.

9. Natural Hazards

Provides information on a range of natural hazards that may pose a risk to the study site. These factors include natural ground subsidence and radon..

10. Mining

Provides information on areas of coal and non-coal mining and brine affected areas.

11. Contacts

This section of the report provides contact points for statutory bodies and data providers that may be able to provide further information on issues raised within this report. Alternatively, Groundsure provide a free Technical Helpline (08444 159000) for further information and guidance.

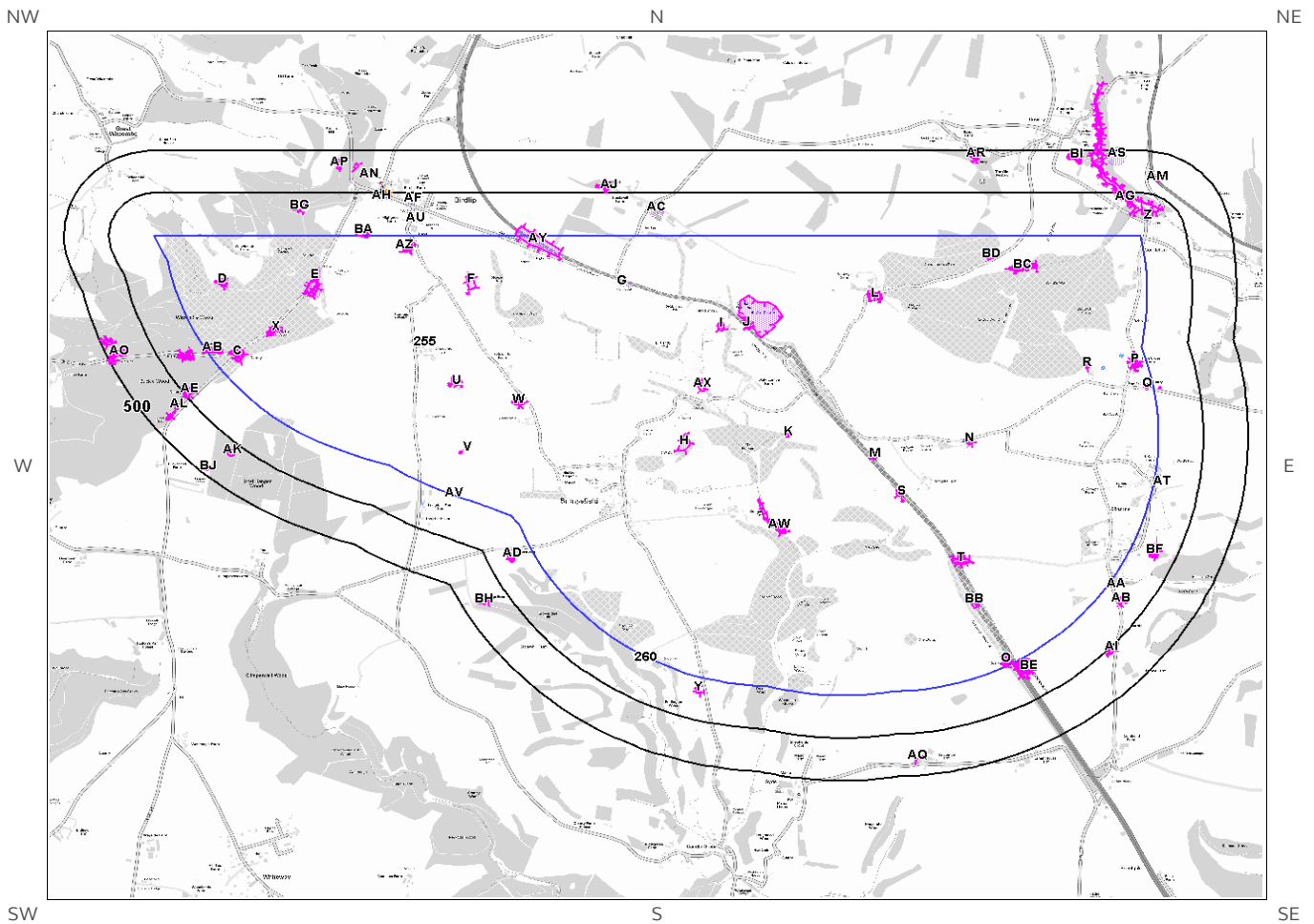
Note: Maps

Only certain features are placed on the maps within the report. All features represented on maps found within this search are given an identification number. This number identifies the feature on the mapping and correlates it to the additional information provided below. This identification number precedes all other information and takes the following format -Id: 1, Id: 2, etc. Where numerous features on the same map are in such close proximity that the numbers would obscure each other a letter identifier is used instead to represent the features. (e.g. Three features which overlap may be given the identifier "A" on the map and would be identified separately as features 1A, 3A, 10A on the data tables provided).

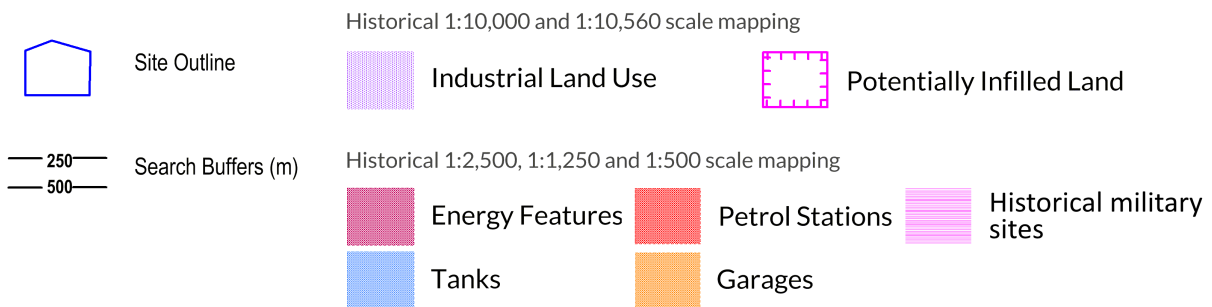
Where a feature is reported in the data tables to a distance greater than the map area, it is noted in the data table as "Not Shown".

All distances given in this report are in Metres (m). Directions are given as compass headings such as N: North, E: East, NE: North East from the nearest point of the study site boundary.

1. Historical Land Use



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1. Historical Industrial Sites

1.1 Potentially Contaminative Uses identified from 1:10,000 scale Mapping

The systematic analysis of data extracted from standard 1:10,560 and 1:10,000 scale historical maps provides the following information:

Records of sites with a potentially contaminative past land use within 500m of the search boundary: 250

ID	Distance [m]	Direction	Use	Date
1A	0	On Site	Unspecified Old Quarries	1924
2A	0	On Site	Unspecified Old Quarries	1949
3A	0	On Site	Unspecified Disused Quarries	1975
4A	0	On Site	Unspecified Disused Quarries	1992
5A	0	On Site	Unspecified Old Quarries	1883
6B	0	On Site	Unspecified Old Quarries	1924
7B	0	On Site	Unspecified Old Quarries	1924
8B	0	On Site	Unspecified Old Quarries	1901
9C	0	On Site	Unspecified Old Quarries	1924
10C	0	On Site	Unspecified Old Quarries	1883
11C	0	On Site	Unspecified Old Quarries	1901
12B	0	On Site	Unspecified Old Quarries	1949
13C	0	On Site	Unspecified Disused Quarry	1992
14C	0	On Site	Unspecified Disused Quarry	1975
15C	0	On Site	Unspecified Old Quarries	1949
16C	0	On Site	Unspecified Old Quarries	1924
17C	0	On Site	Unspecified Old Quarries	1924
18D	0	On Site	Unspecified Quarry	1901
19D	0	On Site	Unspecified Quarry	1924
20D	0	On Site	Unspecified Quarry	1883
21D	0	On Site	Unspecified Old Quarry	1949
22D	0	On Site	Unspecified Old Quarry	1924
23E	0	On Site	Smithy	1949
24E	0	On Site	Unspecified Quarry	1883
25E	0	On Site	Unspecified Quarry	1949
26E	0	On Site	Unspecified Quarry	1924
27E	0	On Site	Unspecified Quarry	1924
28E	0	On Site	Unspecified Quarry	1901
29F	0	On Site	Sewage Works	1992
30F	0	On Site	Sewage Works	1975
31F	0	On Site	Unspecified Tank	1992
32F	0	On Site	Unspecified Tank	1975

33G	0	On Site	Malthouse	1992
34G	0	On Site	Malthouse	1975
35G	0	On Site	Malthouse	1883
36H	0	On Site	Unspecified Heap	1992
37H	0	On Site	Unspecified Heap	1975
38I	0	On Site	Unspecified Heap	1949
39I	0	On Site	Unspecified Heap	1924
40I	0	On Site	Unspecified Heap	1924
41I	0	On Site	Police Station	1883
42J	0	On Site	Unspecified Quarries	1883
43J	0	On Site	Unspecified Quarry	1901
44J	0	On Site	Unspecified Quarry	1924
45K	0	On Site	Disused Filter Bed	1992
46K	0	On Site	Disused Filter Bed	1975
47L	0	On Site	Unspecified Disused Quarry	1924
48L	0	On Site	Unspecified Disused Quarry	1924
49L	0	On Site	Unspecified Quarry	1901
50M	0	On Site	Unspecified Quarry	1924
51M	0	On Site	Unspecified Old Quarry	1901
52L	0	On Site	Unspecified Old Quarry	1883
53S	0	On Site	Unspecified Old Quarry	1901
54T	0	On Site	Unspecified Old Quarry	1924
55N	0	On Site	Unspecified Old Quarry	1901
56N	0	On Site	Unspecified Old Quarry	1883
57N	0	On Site	Unspecified Pit	1924
58N	0	On Site	Unspecified Old Quarry	1924
59BD	0	On Site	Unspecified Quarry	1883
60O	0	On Site	Unspecified Old Quarry	1882
61O	0	On Site	Unspecified Old Quarry	1924
62R	0	On Site	Unspecified Quarry	1901
63P	0	On Site	Unspecified Quarry	1901
64P	0	On Site	Unspecified Quarry	1924
65P	0	On Site	Unspecified Quarry	1924
66P	0	On Site	Unspecified Old Quarry	1883
67Q	0	On Site	Unspecified Old Quarry	1901
68Q	0	On Site	Unspecified Old Quarry	1883
69L	0	On Site	Unspecified Disused Quarry	1976
70R	0	On Site	Unspecified Disused Quarry	1976
71P	0	On Site	Unspecified Disused Quarry	1976
72S	0	On Site	Unspecified Disused Quarry	1976
73O	0	On Site	Unspecified Disused Quarry	1976

74BB	0	On Site	Cuttings	1976
75L	0	On Site	Unspecified Quarry	1949
76P	0	On Site	Unspecified Old Quarry	1949
77M	0	On Site	Unspecified Quarry	1949
78T	0	On Site	Unspecified Old Quarry	1949
79O	0	On Site	Unspecified Old Quarry	1949
80J	0	On Site	Unspecified Quarry	1975
81J	0	On Site	Unspecified Quarry	1992
82O	0	On Site	Unspecified Quarries	1903
83I	0	On Site	Unspecified Heap	1924
84L	0	On Site	Unspecified Quarry	1924
85I	0	On Site	Unspecified Heap	1924
86P	0	On Site	Unspecified Old Quarry	1924
87T	0	On Site	Unspecified Old Quarry	1924
88O	0	On Site	Unspecified Old Quarry	1884
89A	0	On Site	Unspecified Pit	1924
90A	0	On Site	Unspecified Pit	1901
91E	0	On Site	Sawmills	1924
92E	0	On Site	Sawmills	1901
93E	0	On Site	Sawmills	1924
94E	0	On Site	Smithy	1924
95E	0	On Site	Smithy	1924
96E	0	On Site	Smithy	1901
97U	0	On Site	Unspecified Old Quarry	1901
98U	0	On Site	Unspecified Old Quarry	1883
99V	0	On Site	Unspecified Tank	1949
100V	0	On Site	Unspecified Tank	1924
101V	0	On Site	Unspecified Tank	1924
102AY	0	On Site	Cuttings	1992
103M	0	On Site	Unspecified Quarry	1924
104T	0	On Site	Unspecified Old Quarry	1883
105T	0	On Site	Unspecified Old Quarry	1924
106T	0	On Site	Unspecified Old Quarry	1901
107W	0	On Site	Unspecified Quarry	1924
108W	0	On Site	Unspecified Old Quarry	1883
109W	0	On Site	Unspecified Quarry	1924
110W	0	On Site	Unspecified Quarry	1924
111W	0	On Site	Unspecified Quarry	1949
112W	0	On Site	Unspecified Quarry	1901
113U	0	On Site	Unspecified Quarry	1949
114U	0	On Site	Unspecified Quarry	1924
115U	0	On Site	Unspecified Quarry	1924
116U	0	On Site	Unspecified Pit	1924
117V	0	On Site	Unspecified Tank	1924
118X	0	On Site	Unspecified Old Quarry	1924
119X	0	On Site	Unspecified Old Quarry	1901

120X	0	On Site	Unspecified Old Quarry	1883
121X	0	On Site	Unspecified Old Quarry	1924
122X	0	On Site	Unspecified Old Quarry	1949
123O	9	SE	Unspecified Quarry	1882
124O	9	SE	Unspecified Quarries	1903
125O	11	SE	Unspecified Quarry	1884
126O	16	SE	Unspecified Quarry	1949
127O	18	SE	Unspecified Quarry	1924
128Q	28	E	Unspecified Old Quarry	1883
129BE	31	SE	Unspecified Disused Quarry	1976
130AA	36	SE	Old Lime Kiln	1883
131Y	61	S	Unspecified Quarry	1949
132Y	61	S	Unspecified Quarry	1924
133Y	62	S	Unspecified Old Quarry	1882
134Y	62	S	Unspecified Old Quarry	1903
135A	66	SW	Unspecified Quarry	1949
136Y	70	S	Unspecified Old Quarry	1884
137A	82	SW	Unspecified Quarry	1924
138Z	82	NE	Smithy	1901
139A	84	SW	Unspecified Old Quarries	1924
140A	85	SW	Unspecified Quarry	1949
141A	85	SW	Unspecified Disused Quarry	1992
142A	85	SW	Unspecified Disused Quarry	1975
143Z	85	N	Smithy	1883
144AC	89	N	Unspecified Commercial/Industrial	1975
145AA	91	SE	Unspecified Pit	1949
146A	93	SW	Unspecified Quarry	1901
147A	93	SW	Unspecified Quarry	1924
148Z	95	N	Smithy	1924
149AB	96	SE	Unspecified Pit	1924
150AB	96	SE	Unspecified Pit	1924
151AB	96	SE	Unspecified Pit	1924
152AB	96	SE	Unspecified Pit	1924
153Z	96	N	Smithy	1949
154AC	99	N	Unspecified Tanks	1975
155Z	104	N	Smithy	1924
156AA	104	SE	Unspecified Old Quarry	1901
157AD	106	SW	Unspecified Old Quarry	1883
158AD	109	SW	Unspecified Quarry	1924
159AD	109	SW	Unspecified Quarry	1949
160AD	109	SW	Unspecified Old Quarry	1901
161AD	112	SW	Unspecified Quarry	1924
162AC	120	N	Unspecified Tank	1975

163BG	138	N	Cuttings	1949
164AF	175	N	Smithy	1901
165AE	179	SW	Unspecified Old Quarry	1924
166AE	179	SW	Unspecified Old Quarries	1924
167AE	179	SW	Unspecified Old Quarries	1901
168AE	179	SW	Unspecified Old Quarries	1883
169AE	186	SW	Unspecified Disused Quarry	1992
170AE	186	SW	Unspecified Disused Quarry	1975
171AE	186	SW	Unspecified Old Quarry	1949
172AG	209	N	Boat House	1924
173AF	210	N	Police Station	1975
174AH	210	N	Police Station	1992
175AG	213	N	Boat House	1901
176AH	216	N	Smithy	1901
177AG	217	N	Boat House	1949
178AG	217	N	Boat House	1924
179AI	249	SE	Unspecified Old Quarry	1949
180AI	256	SE	Unspecified Quarry	1882
181AI	256	SE	Unspecified Quarry	1903
182AI	256	SE	Unspecified Quarry	1884
183AI	257	SE	Unspecified Old Quarry	1924
184AJ	273	N	Unspecified Tank	1924
185AJ	283	N	Unspecified Tank	1924
186AJ	285	N	Unspecified Tank	1949
187AK	292	SW	Unspecified Old Quarry	1883
188AK	292	SW	Unspecified Old Quarry	1924
189AK	292	SW	Unspecified Pit	1901
190AK	292	SW	Unspecified Pit	1924
191AK	298	SW	Unspecified Pit	1949
192AL	306	SW	Unspecified Old Quarries	1883
193AL	306	SW	Unspecified Old Quarries	1901
194AM	329	N	Unspecified Pit	1924
195AM	329	N	Unspecified Pit	1924
196AM	330	N	Unspecified Old Quarry	1883
197AM	330	N	Unspecified Pit	1924
198AM	330	N	Unspecified Pit	1924
199AM	330	N	Unspecified Old Quarry	1901
200AM	332	N	Unspecified Pit	1949
201AN	334	N	Electric Substation	1992
202AN	334	N	Electric Substation	1975
203BH	353	SW	Unspecified Quarry	1924
204AL	377	SW	Unspecified Old Quarries	1901
205AL	377	SW	Unspecified Old Quarries	1883
206AL	380	SW	Unspecified Pit	1924

207AL	382	SW	Unspecified Pit	1949
208AO	383	SW	Unspecified Old Quarries	1901
209AO	383	SW	Unspecified Old Quarries	1924
210AO	383	SW	Unspecified Old Quarries	1924
211AO	383	SW	Unspecified Quarry	1883
212AO	384	SW	Unspecified Old Quarries	1949
213AO	385	SW	Unspecified Disused Quarries	1975
214AO	385	SW	Unspecified Disused Quarries	1992
215AP	386	N	Cuttings	1949
216AP	393	N	Unspecified Pit	1975
217AP	393	N	Unspecified Pit	1992
218AQ	393	S	Unspecified Quarry	1882
219AQ	395	S	Unspecified Quarry	1884
220AP	403	N	Cuttings	1883
221AS	414	N	Boat House	1883
222AR	444	N	Unspecified Quarry	1924
223AO	444	SW	Sand Pit	1901
224AO	444	SW	Sand Pit	1924
225AO	444	SW	Sand Pit	1924
226AR	444	N	Unspecified Quarry	1924
227AR	444	N	Unspecified Quarry	1924
228AO	445	SW	Sand Pit	1949
229AO	445	SW	Unspecified Disused Pits	1975
230AO	445	SW	Unspecified Disused Pits	1992
231AR	446	N	Unspecified Quarry	1949
232AR	447	N	Unspecified Disused Quarry	1976
233AS	449	N	Boat House	1924
234AS	449	N	Boat House	1924
235AS	449	N	Boat House	1901
236AS	450	N	Boat House	1924
237AS	453	N	Boat House	1949
238AR	455	N	Unspecified Quarry	1901
239AO	456	SW	Old Gravel Pits	1883
240BJ	460	SW	Unspecified Quarry	1901
241AO	460	SW	Unspecified Heap	1924
242AO	460	SW	Unspecified Disused Pits	1992
243AO	460	SW	Unspecified Disused Pits	1975
244AO	463	SW	Unspecified Old Quarries	1949
245AO	471	SW	Unspecified Old Quarries	1924
246AO	471	SW	Unspecified Old Quarries	1924
247AO	471	SW	Unspecified Old Quarries	1901
248AO	473	SW	Unspecified Disused Quarries	1992
249AO	473	SW	Unspecified Disused	1975

Quarries				
250AO	473	SW	Unspecified Old Quarries	1949

1.2 Additional Information – Historical Tank Database

The systematic analysis of data extracted from High Detailed 1:1,250 and 1:2,500 scale historical maps provides the following information.

Records of historical tanks within 500m of the search boundary:

23

ID	Distance (m)	Direction	Use	Date
251AZ	0	On Site	Unspecified Tank	1973
252K	0	On Site	Disused Tanks	1973
253K	0	On Site	Disused Tanks	1998
254F	0	On Site	Tanks	1973
255	0	On Site	Unspecified Tank	1994
256F	0	On Site	Unspecified Tank	1994
257P	0	On Site	Unspecified Tank	1994
258R	0	On Site	Unspecified Tank	1994
259AV	2	S	Unspecified Tank	1994
260	15	SW	Unspecified Tank	1998
261AT	40	E	Unspecified Tank	1998
262AT	40	E	Unspecified Tank	1995
263AT	41	E	Unspecified Tank	1973
264AU	85	N	Unspecified Tank	1997
265AU	86	N	Unspecified Tank	1989
266AU	86	N	Unspecified Tank	1989
267AU	87	N	Unspecified Tank	1973
268AV	105	SW	Tanks	1994
269AG	192	N	Unspecified Tank	1994
270AJ	283	N	Unspecified Tank	1922
271AJ	285	N	Unspecified Tank	1989
272AJ	285	N	Unspecified Tank	1973
273AJ	286	N	Unspecified Tank	1994

1.3 Additional Information – Historical Energy Features Database

The systematic analysis of data extracted from High Detailed 1:1,250 and 1:2,500 scale historical maps provides the following information.

Records of historical energy features within 500m of the search boundary:

4

ID	Distance (m)	Direction	Use	Date
274AN	307	N	Electricity Substation	1997
275AN	307	N	Electricity Substation	1973
276AN	309	N	Electricity Substation	1989
277AN	309	N	Electricity Substation	1989

1.4 Additional Information – Historical Petrol and Fuel Site Database

The systematic analysis of data extracted from High Detailed 1:1,250 and 1:2,500 scale historical maps provides the following information.

Records of historical petrol stations and fuel sites within 500m of the search boundary: 0

Database searched and no data found.

1.5 Additional Information – Historical Garage and Motor Vehicle Repair Database

The systematic analysis of data extracted from High Detailed 1:1,250 and 1:2,500 scale historical maps provides the following information.

Records of historical garage and motor vehicle repair sites within 500m of the search boundary: 4

ID	Distance (m)	Direction	Use	Date
278AF	230	N	Garage	1973
279AF	231	N	Garage	1989
280AF	231	N	Garage	1989
281AF	235	N	Garage	1997

1.6 Historical military sites

Certain military installations were not noted on historic mapping for security reasons. Whilst not all military land is necessarily of concern, Groundsure has researched and digitised a number of Ordnance Factories and other military industrial features (e.g. Ordnance Depots, Munitions Testing Grounds) which may be of contaminative concern. This research was drawn from a number of different sources, and should not be regarded as a definitive or exhaustive database of potentially contaminative military installations. The boundaries of sites within this database have been estimated from the best evidence available to Groundsure at the time of compilation.

Records of historical military sites within 500m of the search boundary:

0

Database searched and no data found.

1.7 Potentially Infilled Land

Records of Potentially Infilled Features from 1:10,000 scale mapping within 500m of the study site: 258

The following Historical Potentially Infilled Features derived from the Historical Mapping information is provided by Groundsure:

ID	Distance(m)	Direction	Use	Date
282AW	0	On Site	Pond	1975
283AW	0	On Site	Ponds	1992
284V	0	On Site	Covered Reservoir	1975
285V	0	On Site	Covered Reservoir	1992
286H	0	On Site	Unspecified Heap	1975
287H	0	On Site	Unspecified Heap	1992
288W	0	On Site	Unspecified Quarry	1901
289W	0	On Site	Unspecified Quarry	1924
290W	0	On Site	Unspecified Quarry	1924
291W	0	On Site	Unspecified Old Quarry	1883
292W	0	On Site	Unspecified Quarry	1949
293AX	0	On Site	Pond	1992
294AX	0	On Site	Pond	1975
295U	0	On Site	Unspecified Old Quarry	1901
296U	0	On Site	Unspecified Quarry	1924
297U	0	On Site	Unspecified Pit	1924
298U	0	On Site	Unspecified Old Quarry	1883
299U	0	On Site	Unspecified Quarry	1949
300C	0	On Site	Unspecified Old Quarries	1924
301C	0	On Site	Unspecified Disused Quarry	1992
302C	0	On Site	Unspecified Disused Quarry	1975
303C	0	On Site	Unspecified Old Quarries	1949
304C	0	On Site	Unspecified Old Quarries	1924
305C	0	On Site	Unspecified Old Quarries	1949
306A	0	On Site	Unspecified Disused Quarries	1975
307A	0	On Site	Unspecified Disused Quarries	1992
308A	0	On Site	Unspecified Old Quarries	1949
309C	0	On Site	Unspecified Old Quarries	1924
310A	0	On Site	Unspecified Pit	1924
311A	0	On Site	Unspecified Pit	1901
312A	0	On Site	Unspecified Old Quarries	1924
313J	0	On Site	Unspecified Quarry	1992
314J	0	On Site	Unspecified Quarry	1975

315X	0	On Site	Unspecified Old Quarry	1924
316X	0	On Site	Unspecified Old Quarry	1949
317I	0	On Site	Unspecified Heap	1924
318I	0	On Site	Unspecified Heap	1949
319J	0	On Site	Unspecified Quarry	1924
320J	0	On Site	Unspecified Quarry	1901
321J	0	On Site	Unspecified Quarries	1883
322E	0	On Site	Unspecified Quarry	1949
323E	0	On Site	Unspecified Quarry	1924
324F	0	On Site	Sewage Works	1975
325F	0	On Site	Sewage Works	1992
326D	0	On Site	Unspecified Old Quarry	1924
327D	0	On Site	Unspecified Old Quarry	1949
328AY	0	On Site	Cuttings	1992
329AZ	0	On Site	Reservoirs	1924
330AZ	0	On Site	Reservoirs	1924
331AZ	0	On Site	Reservoirs	1901
332AZ	0	On Site	Reservoirs	1992
333AZ	0	On Site	Reservoirs	1975
334AZ	0	On Site	Disused Reservoirs	1949
335BA	0	On Site	Covered Reservoir	1992
336BA	0	On Site	Covered Reservoir	1975
337A	0	On Site	Unspecified Old Quarries	1924
338B	0	On Site	Unspecified Old Quarries	1924
339E	0	On Site	Unspecified Quarry	1924
340X	0	On Site	Unspecified Old Quarry	1924
341D	0	On Site	Unspecified Quarry	1924
342A	0	On Site	Unspecified Old Quarries	1901
343B	0	On Site	Unspecified Old Quarries	1901
344X	0	On Site	Unspecified Old Quarry	1901
345E	0	On Site	Unspecified Quarry	1901
346D	0	On Site	Unspecified Quarry	1901
347A	0	On Site	Unspecified Old Quarries	1883
348B	0	On Site	Unspecified Old Quarries	1883
349D	0	On Site	Unspecified Quarry	1883
350E	0	On Site	Unspecified Quarry	1883
351X	0	On Site	Unspecified Old Quarry	1883
352I	0	On Site	Unspecified Heap	1924
353AZ	0	On Site	Reservoirs	1924
354U	0	On Site	Unspecified Quarry	1924
355W	0	On Site	Unspecified Quarry	1924
356I	0	On Site	Unspecified Heap	1924
357I	0	On Site	Unspecified Heap	1924
358N	0	On Site	Unspecified Pit	1924
359L	0	On Site	Unspecified Quarry	1924
360BC	0	On Site	Ponds	1924

361P	0	On Site	Unspecified Old Quarry	1924
362O	0	On Site	Unspecified Quarries	1903
363O	0	On Site	Unspecified Old Quarry	1949
364O	0	On Site	Unspecified Disused Quarry	1976
365O	0	On Site	Unspecified Old Quarry	1924
366O	0	On Site	Unspecified Old Quarry	1882
367BB	0	On Site	Cuttings	1976
368P	0	On Site	Unspecified Disused Quarry	1976
369P	0	On Site	Unspecified Quarry	1924
370P	0	On Site	Unspecified Old Quarry	1949
371T	0	On Site	Unspecified Old Quarry	1924
372T	0	On Site	Unspecified Old Quarry	1883
373T	0	On Site	Unspecified Old Quarry	1901
374T	0	On Site	Unspecified Old Quarry	1924
375T	0	On Site	Unspecified Old Quarry	1924
376T	0	On Site	Unspecified Old Quarry	1949
377R	0	On Site	Unspecified Disused Quarry	1976
378N	0	On Site	Unspecified Old Quarry	1924
379N	0	On Site	Unspecified Old Quarry	1883
380N	0	On Site	Unspecified Old Quarry	1901
381S	0	On Site	Unspecified Old Quarry	1901
382S	0	On Site	Unspecified Disused Quarry	1976
383M	0	On Site	Unspecified Old Quarry	1901
384M	0	On Site	Unspecified Quarry	1924
385M	0	On Site	Unspecified Quarry	1924
386M	0	On Site	Unspecified Quarry	1949
387BC	0	On Site	Pond	1976
388BC	0	On Site	Pond	1924
389AW	0	On Site	Pond	1949
390K	0	On Site	Disused Filter Bed	1992
391K	0	On Site	Disused Filter Bed	1975
392L	0	On Site	Unspecified Quarry	1949
393L	0	On Site	Unspecified Disused Quarry	1976
394L	0	On Site	Unspecified Disused Quarry	1924
395L	0	On Site	Unspecified Disused Quarry	1924
396L	0	On Site	Unspecified Quarry	1901
397L	0	On Site	Unspecified Old Quarry	1883
398BD	0	On Site	Unspecified Quarry	1883
399O	0	On Site	Unspecified Old Quarry	1884
400BC	0	On Site	Ponds	1949
401BC	0	On Site	Ponds	1883

402R	0	On Site	Unspecified Quarry	1901
403P	0	On Site	Unspecified Quarry	1901
404P	0	On Site	Unspecified Quarry	1924
405P	0	On Site	Unspecified Old Quarry	1883
406Q	0	On Site	Unspecified Old Quarry	1901
407Q	0	On Site	Unspecified Old Quarry	1883
408BC	0	On Site	Ponds	1924
409BC	0	On Site	Pond	1901
410O	9	SE	Unspecified Quarries	1903
411O	9	SE	Unspecified Quarry	1882
412O	11	SE	Unspecified Quarry	1884
413O	16	SE	Unspecified Quarry	1949
414O	18	SE	Unspecified Quarry	1924
415Q	28	E	Unspecified Old Quarry	1883
416BE	31	SE	Unspecified Disused Quarry	1976
417Y	61	S	Unspecified Quarry	1949
418Y	61	S	Unspecified Quarry	1924
419Y	62	S	Unspecified Old Quarry	1903
420Y	62	S	Unspecified Old Quarry	1882
421A	66	SW	Unspecified Quarry	1949
422Y	70	S	Unspecified Old Quarry	1884
423A	82	SW	Unspecified Quarry	1924
424A	84	SW	Unspecified Old Quarries	1924
425A	85	SW	Unspecified Quarry	1949
426A	85	SW	Unspecified Disused Quarry	1975
427A	85	SW	Unspecified Disused Quarry	1992
428AA	91	SE	Unspecified Pit	1949
429A	93	SW	Unspecified Quarry	1924
430A	93	SW	Unspecified Quarry	1901
431AB	96	SE	Unspecified Pit	1924
432AB	96	SE	Unspecified Pit	1924
433AB	96	SE	Unspecified Pit	1924
434AB	96	SE	Unspecified Pit	1924
435AA	104	SE	Unspecified Old Quarry	1901
436AD	106	SW	Unspecified Old Quarry	1883
437BF	107	SE	Pond	1901
438BF	108	SE	Pond	1883
439AD	109	SW	Unspecified Quarry	1924
440AD	109	SW	Unspecified Quarry	1949
441AD	109	SW	Unspecified Old Quarry	1901
442AD	112	SW	Unspecified Quarry	1924
443BF	117	SE	Pond	1976
444AG	135	N	Water Body	1901
445AG	135	N	Water Body	1924

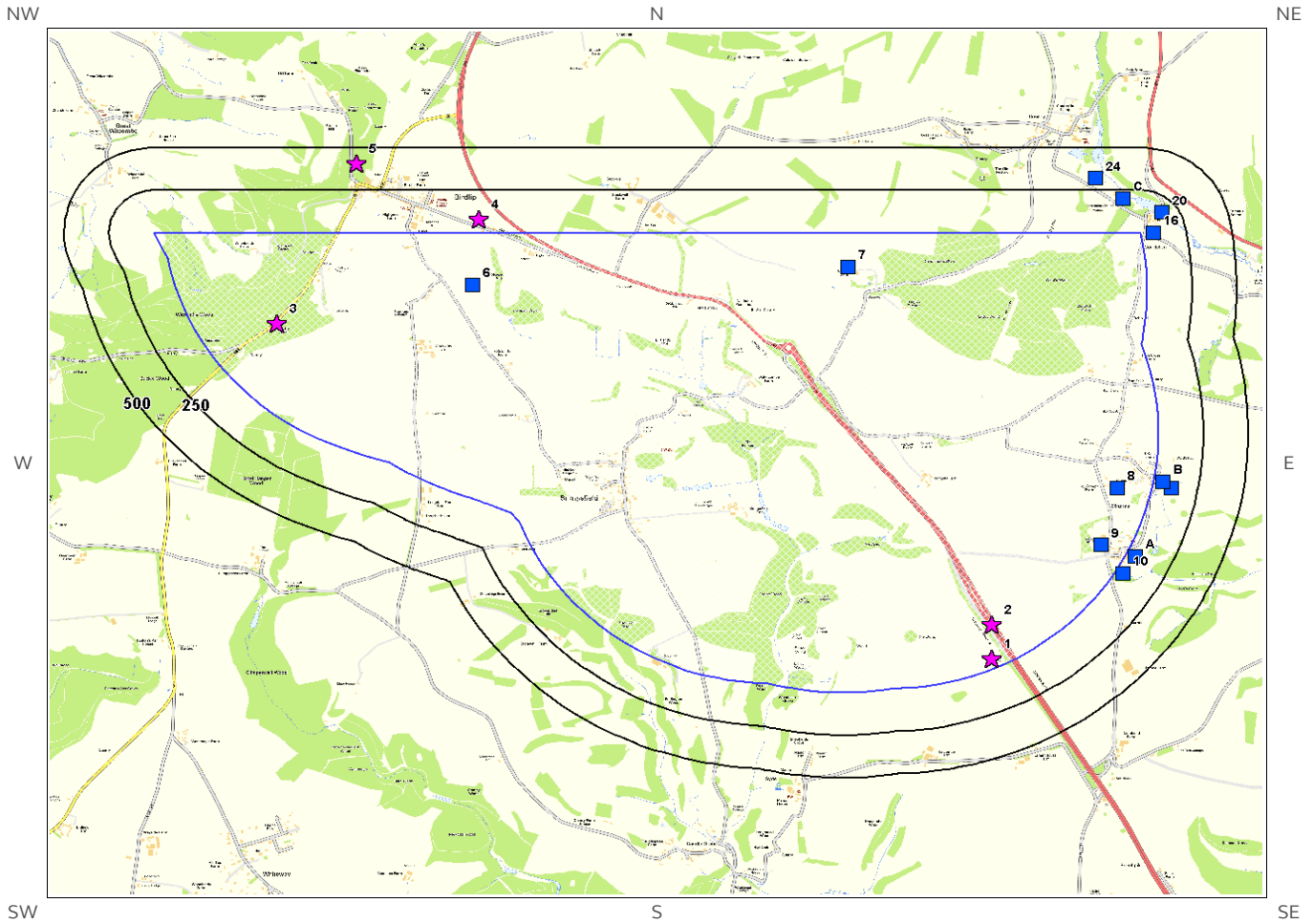
446AG	135	N	Water Body	1924
447AG	136	N	Pond	1924
448	137	N	Ponds	1949
449BG	138	N	Cuttings	1949
450Z	153	N	Pond	1976
451AE	179	SW	Unspecified Old Quarries	1924
452AE	179	SW	Unspecified Old Quarry	1924
453AE	179	SW	Unspecified Old Quarries	1901
454AE	179	SW	Unspecified Old Quarries	1883
455AE	186	SW	Unspecified Disused Quarry	1975
456AE	186	SW	Unspecified Old Quarry	1949
457AE	186	SW	Unspecified Disused Quarry	1992
458AI	249	SE	Unspecified Old Quarry	1949
459AI	256	SE	Unspecified Quarry	1903
460AI	256	SE	Unspecified Quarry	1882
461AI	256	SE	Unspecified Quarry	1884
462AI	257	SE	Unspecified Old Quarry	1924
463AJ	273	N	Pond	1924
464AJ	273	N	Pond	1924
465AJ	273	N	Pond	1901
466AJ	276	N	Pond	1924
467AJ	277	N	Pond	1883
468AJ	279	N	Pond	1975
469AJ	279	N	Pond	1949
470AJ	279	N	Pond	1992
471AK	292	SW	Unspecified Pit	1924
472AK	292	SW	Unspecified Pit	1901
473AK	292	SW	Unspecified Old Quarry	1924
474AK	292	SW	Unspecified Old Quarry	1883
475AK	298	SW	Unspecified Pit	1949
476AL	306	SW	Unspecified Old Quarries	1901
477AL	306	SW	Unspecified Old Quarries	1883
478AM	329	N	Unspecified Pit	1924
479AM	329	N	Unspecified Pit	1924
480AM	330	N	Unspecified Old Quarry	1883
481AM	330	N	Unspecified Pit	1924
482AM	330	N	Unspecified Pit	1924
483AM	330	N	Unspecified Old Quarry	1901
484AM	332	N	Unspecified Pit	1949
485BH	353	SW	Unspecified Quarry	1924
486AL	377	SW	Unspecified Old Quarries	1901
487AL	377	SW	Unspecified Old Quarries	1883
488AL	380	SW	Unspecified Pit	1924
489AL	382	SW	Unspecified Pit	1949

490AO	383	SW	Unspecified Old Quarries	1924
491AO	383	SW	Unspecified Old Quarries	1924
492AO	383	SW	Unspecified Old Quarries	1901
493AO	383	SW	Unspecified Quarry	1883
494AO	384	SW	Unspecified Old Quarries	1949
495AO	385	SW	Unspecified Disused Quarries	1992
496AO	385	SW	Unspecified Disused Quarries	1975
497AP	386	N	Cuttings	1949
498AN	393	N	Unspecified Pit	1975
499AN	393	N	Unspecified Pit	1992
500AQ	393	S	Unspecified Quarry	1882
501AQ	395	S	Unspecified Quarry	1884
502AS	398	N	Water Body	1901
503AS	398	N	Water Body	1924
504AS	398	N	Water Body	1924
505AS	399	N	Ponds	1924
506AP	403	N	Cuttings	1883
507AS	404	N	Water Body	1883
508AS	405	N	Ponds	1976
509BI	424	N	Ponds	1924
510BI	429	N	Pond	1901
511BI	429	N	Pond	1924
512BI	430	N	Ponds	1924
513BI	433	N	Pond	1976
514BI	433	N	Pond	1949
515BI	433	N	Ponds	1883
516AR	444	N	Unspecified Quarry	1924
517AO	444	SW	Sand Pit	1924
518AO	444	SW	Sand Pit	1924
519AO	444	SW	Sand Pit	1901
520AR	444	N	Unspecified Quarry	1924
521AR	444	N	Unspecified Quarry	1924
522AO	445	SW	Sand Pit	1949
523AO	445	SW	Unspecified Disused Pits	1975
524AO	445	SW	Unspecified Disused Pits	1992
525AR	446	N	Unspecified Quarry	1949
526AR	447	N	Unspecified Disused Quarry	1976
527AR	455	N	Unspecified Quarry	1901
528AO	456	SW	Old Gravel Pits	1883
529BJ	460	SW	Unspecified Quarry	1901
530AO	460	SW	Unspecified Heap	1924
531AO	460	SW	Unspecified Disused Pits	1975
532AO	460	SW	Unspecified Disused Pits	1992
533AO	463	SW	Unspecified Old Quarries	1949
















534AO	471	SW	Unspecified Old Quarries	1924
535AO	471	SW	Unspecified Old Quarries	1924
536AO	471	SW	Unspecified Old Quarries	1901
537AO	473	SW	Unspecified Disused Quarries	1992
538AO	473	SW	Unspecified Old Quarries	1949
539AO	473	SW	Unspecified Disused Quarries	1975



2. Environmental Permits, Incidents and Registers Map



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- | | | | | | |
|---|-------------------------------|---|--|---|---|
|  | Site Outline |  | Recorded Pollution Incident |  | RAS 3 & 4 Authorisations |
|  | Dangerous Substances (List 1) |  | Part A(1) Authorised Processes and Historic IPC Authorisations |  | Part A(2) and Part B Authorised Processes |
|  | Dangerous Substances (List 2) |  | Water Industry Referrals |  | COMAH / NIHHS Sites |
|  | Search Buffers (m) |  | Licenced Discharge Consents |  | Sites Determined as Contaminated Land |
|  | |  | Red List Discharge Consents |  | Hazardous Substance Consents and Enforcements |

2. Environmental Permits, Incidents and Registers

2.1 Industrial Sites Holding Licences and/or Authorisations

Searches of information provided by the Environment Agency/Natural Resources Wales and Local Authorities reveal the following information:

2.1.1 Records of historic IPC Authorisations within 500m of the study site:

0

Database searched and no data found.

2.1.2 Records of Part A(1) and IPPC Authorised Activities within 500m of the study site:

0

Database searched and no data found.

2.1.3 Records of Red List Discharge Consents (potentially harmful discharges to controlled waters) within 500m of the study site:

0

Database searched and no data found.

2.1.4 Records of List 1 Dangerous Substances Inventory Sites within 500m of the study site:

0

Database searched and no data found.

2.1.5 Records of List 2 Dangerous Substance Inventory Sites within 500m of the study site:

0

Database searched and no data found.

2.1.6 Records of Part A(2) and Part B Activities and Enforcements within 500m of the study site:

0

Database searched and no data found.

2.1.7 Records of Category 3 or 4 Radioactive Substances Authorisations:

0

Database searched and no data found.

2.1.8 Records of Licensed Discharge Consents within 500m of the study site:

19

The following Licensed Discharge Consents records are represented as points on the Environmental Permits, Incidents and Registers Map:

ID	Distance (m)	Direction	NGR	Details
6	0	On Site	393110 213795	<p>Address: BIRDLIP WASTEWATER TREATMENT WORKS, ROMAN ROAD, BIRDLIP, GLOUCESTERSHIRE, GL4 8JL Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - WATER COMPANY Permit Number: EPRDP3127GK Permit Version: 1</p> <p>Receiving Water: GW INTO INFILTRATION SYSTEM Status: NEW ISSUED UNDER EPR 2010 Issue date: 07/03/2013 Effective Date: 07-Mar-2013 Revocation Date: -</p>
7	0	On Site	395200 213900	<p>Address: HARDINGS BARN, COWLEY WOOD, COWLEY, CHELTENHAM, GLOUCESTERSHIRE, GL53 9PF Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: CTWC.2822 Permit Version: 1</p> <p>Receiving Water: INFERIOR OOLITE Status: TRANSFERRED FROM COPA 1974 Issue date: 19/09/1988 Effective Date: 19-Sep-1988 Revocation Date: 30/01/2007</p>
8	0	On Site	396700 212600	<p>Address: NEW DAIRY UNIT, ELKSTONE MANOR FARM, NEW DAIRY UNIT, ELKSTONE MANOR F, ARM, ELKSTONE, CHELTENHAM, GLOS. Effluent Type: MISCELLANEOUS DISCHARGES - SURFACE WATER Permit Number: CTWC.1266 Permit Version: 1</p> <p>Receiving Water: ELKSTONE BROOK Status: REVOKED - UNSPECIFIED Issue date: 17/10/1986 Effective Date: 17-Oct-1986 Revocation Date: 01/08/1994</p>
9	0	On Site	396612 212267	<p>Address: ELKSTONE MANOR, ELKSTONE, CHELTENHAM, GL53 9PD Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: EPRTB3532AZ Permit Version: 1</p> <p>Receiving Water: GROUNDWATER Status: NEW ISSUED UNDER EPR 2010 Issue date: 12/07/2013 Effective Date: 12-Jul-2013 Revocation Date: -</p>
10	38	SE	396730 212100	<p>Address: MANOR FARM ESTATE, ELKSTONE, CHELTE, MANOR FARM ESTATE, ELKSTONE, CHE, LTENHAM, GLOS Effluent Type: MISCELLANEOUS DISCHARGES - SURFACE WATER Permit Number: CTWC.1082</p> <p>Receiving Water: TRIBUTARY OF ELKSTONE BROOK Status: REVOKED - UNSPECIFIED Issue date: 31/07/1986 Effective Date: 31-Jul-1986 Revocation Date: 27/09/1991</p>

ID	Distance (m)	Direction	NGR	Details	
Permit Version: 1					
11A	49	SE	396800 212200	Address: MANOR FARM ESTATE, ELKSTONE, CHELTE, MANOR FARM ESTATE, ELKSTONE, CHE, LTENHAM, GLOS Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: CNTM.2064 Permit Version: 3	Receiving Water: GROUNDWATER Status: VARIED UNDER EPR 2010 Issue date: 13/12/2012 Effective Date: 13-Dec-2012 Revocation Date: -
12A	49	SE	396800 212200	Address: MANOR FARM ESTATE, ELKSTONE, CHELTE, MANOR FARM ESTATE, ELKSTONE, CHE, LTENHAM, GLOS Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: CTWC.1081 Permit Version: 1	Receiving Water: GREAT OOLITE Status: REVOKED - UNSPECIFIED Issue date: 31/07/1986 Effective Date: 31-Jul-1986 Revocation Date: 27/09/1991
13A	49	SE	396800 212200	Address: MANOR FARM ESTATE, ELKSTONE, CHELTE, MANOR FARM ESTATE, ELKSTONE, CHE, LTENHAM, GLOS Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: CNTM.2064 Permit Version: 2	Receiving Water: GREAT OOLITE Status: MODIFIED - (WRA 91 SCHED 10 - AS AMENDED BY ENV ACT 1995) Issue date: 13/04/2007 Effective Date: 13-Apr-2007 Revocation Date: 12/12/2012
14A	49	SE	396800 212200	Address: MANOR FARM ESTATE, ELKSTONE, CHELTE, MANOR FARM ESTATE, ELKSTONE, CHE, LTENHAM, GLOS Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: CNTM.2064 Permit Version: 1	Receiving Water: GREAT OOLITE Status: NEW CONSENT, BY APPLICATION (WRA 91, SECTION 88) Issue date: 20/10/1995 Effective Date: 20-Oct-1995 Revocation Date: 13/04/2007
15B	50	E	396954 212638	Address: HILL VIEW, HOUSING SITE, ELKSTONE, HILL VIEW, HOUSING SITE, ELKSTON, E, GLOS Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: CTCTU.1016 Permit Version: 4	Receiving Water: GREAT OOLITESTRATA Status: VARIED UNDER EPR 2010 Issue date: 11/10/2017 Effective Date: 01-Apr-2018 Revocation Date: -
16	68	E	396900 214100	Address: GREEN DRAGON INN, COCKLEFORD, COWLE, GREEN DRAGON INN, COCKLEFORD, CO, WLEY, GLOS Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: CTWC.1458 Permit Version: 1	Receiving Water: RIVER CHURN Status: REVOKED - UNSPECIFIED Issue date: 17/02/1987 Effective Date: 17-Feb-1987 Revocation Date: 08/11/1990
17B	103	E	397000 212600	Address: HILL VIEW, HOUSING SITE, ELKSTONE, HILL VIEW, HOUSING SITE, ELKSTON, E, GLOS Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: CTCTU.1016 Permit Version: 1	Receiving Water: GREAT OOLITESTRATA Status: TRANSFERRED FROM WRA 1963 Issue date: 21/01/1981 Effective Date: 21-Jan-1981 Revocation Date: 20/12/2012
18B	103	E	397000 212600	Address: HILL VIEW, HOUSING SITE, ELKSTONE, HILL VIEW, HOUSING SITE, ELKSTON, E, GLOS Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: CTCTU.1016	Receiving Water: GREAT OOLITESTRATA Status: VARIED UNDER EPR 2010 Issue date: 21/12/2012 Effective Date: 21-Dec-2012 Revocation Date: 28/05/2013

ID	Distance (m)	Direction	NGR	Details	
Permit Version: 2					
19B	103	E	397000 212600	Address: HILL VIEW, HOUSING SITE, ELKSTONE, HILL VIEW, HOUSING SITE, ELKSTON, E, GLOS Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: CTCU.1016 Permit Version: 3	Receiving Water: GREAT OOLITESTRATA Status: VARIED UNDER EPR 2010 Issue date: 29/05/2013 Effective Date: 29-May-2013 Revocation Date: 31/03/2018
20	169	NE	396950 214220	Address: GREEN DRAGON INN, COCKLEFORD, COWLE, GREEN DRAGON INN, COCKLEFORD, CO, WLEY, GLOS Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: CNTW.0819 Permit Version: 1	Receiving Water: RIVER CHURN Status: TRANSFERRED FROM WATER ACT 1989 Issue date: 09/11/1990 Effective Date: 09-Nov-1990 Revocation Date: -
21C	199	N	396730 214300	Address: GIRL GUIDE TRAINING CENTRE, COWLEY, GIRL GUIDE TRAINING CENTRE, COWL, EY MANOR, COWLEY, GLOUCESTERSHIR, E Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: CNTW.1283 Permit Version: 3	Receiving Water: COTTESWOLD SANDS O/L INFERIOR Status: VARIED UNDER EPR 2010 Issue date: 21/12/2012 Effective Date: 21-Dec-2012 Revocation Date: -
22C	199	N	396730 214300	Address: GIRL GUIDE TRAINING CENTRE, COWLEY, GIRL GUIDE TRAINING CENTRE, COWL, EY MANOR, COWLEY, GLOUCESTERSHIR, E Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: CNTW.1283 Permit Version: 1	Receiving Water: COTTESWOLD SANDS O/L INFERIOR Status: TRANSFERRED FROM WATER ACT 1989 Issue date: 30/10/1991 Effective Date: 30-Oct-1991 Revocation Date: 13/04/2007
23C	199	N	396730 214300	Address: GIRL GUIDE TRAINING CENTRE, COWLEY, GIRL GUIDE TRAINING CENTRE, COWL, EY MANOR, COWLEY, GLOUCESTERSHIR, E Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: CNTW.1283 Permit Version: 2	Receiving Water: COTTESWOLD SANDS O/L INFERIOR Status: MODIFIED - (WRA 91 SCHED 10 - AS AMENDED BY ENV ACT 1995) Issue date: 13/04/2007 Effective Date: 13-Apr-2007 Revocation Date: 20/12/2012
24	319	N	396580 214420	Address: GLOS. GIRL GUIDES ASSOC. TRAINING C, GLOS. GIRL GUIDES ASSOC. TRAININ, G CENTRE, COWLEY MANOR, COWLEY Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: CTCU.1617 Permit Version: 1	Receiving Water: UPPER LIAS STRATA Status: REVOKED - UNSPECIFIED Issue date: 06/02/1984 Effective Date: 06-Feb-1984 Revocation Date: 30/10/1991

2.1.9 Records of Water Industry Referrals (potentially harmful discharges to the public sewer) within 500m of the study site:

0

Database searched and no data found.

2.1.10 Records of Planning Hazardous Substance Consents and Enforcements within 500m of the study site:

0

Database searched and no data found.

2.2 Dangerous or Hazardous Sites

Records of COMAH & NIHHS sites within 500m of the study site:

0

Database searched and no data found.

2.3 Environment Agency/Natural Resources Wales Recorded Pollution Incidents

2.3.1 Records of National Incidents Recording System, List 2 within 500m of the study site:

5

The following NIRS List 2 records are represented as points on the Environmental Permits, Incidents and Registers Map:

ID	Distance (m)	Direction	NGR	Details	
1	0	On Site	396000.0 211600.0	Incident Date: 11-Jan-2002 Incident Identification: 51936.0 Pollutant: Inert Materials and Wastes Pollutant Description: Other Inert Material or Waste	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
2	0	On Site	396000.0 211800.0	Incident Date: 24-Jul-2001 Incident Identification: 18570.0 Pollutant: Inert Materials and Wastes Pollutant Description: Other Inert Material or Waste	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
3	0	On Site	392020.0 213570.0	Incident Date: 28-May-2003 Incident Identification: 161437.0 Pollutant: Oils and Fuel Pollutant Description: Hydraulic Oils	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
4	79	N	393140.0 214180.0	Incident Date: 25-Aug-2001 Incident Identification: 26844.0 Pollutant: Oils and Fuel Pollutant Description: Lubricating Oils	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)

ID	Distance (m)	Direction	NGR	Details	
5	409	N	392460.0 214510.0	Incident Date: 03-Aug-2001 Incident Identification: 21725.0 Pollutant: Inert Materials and Wastes Pollutant Description: Other Inert Material or Waste	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)

2.3.2 Records of National Incidents Recording System, List 1 within 500m of the study site:

0

Database searched and no data found.

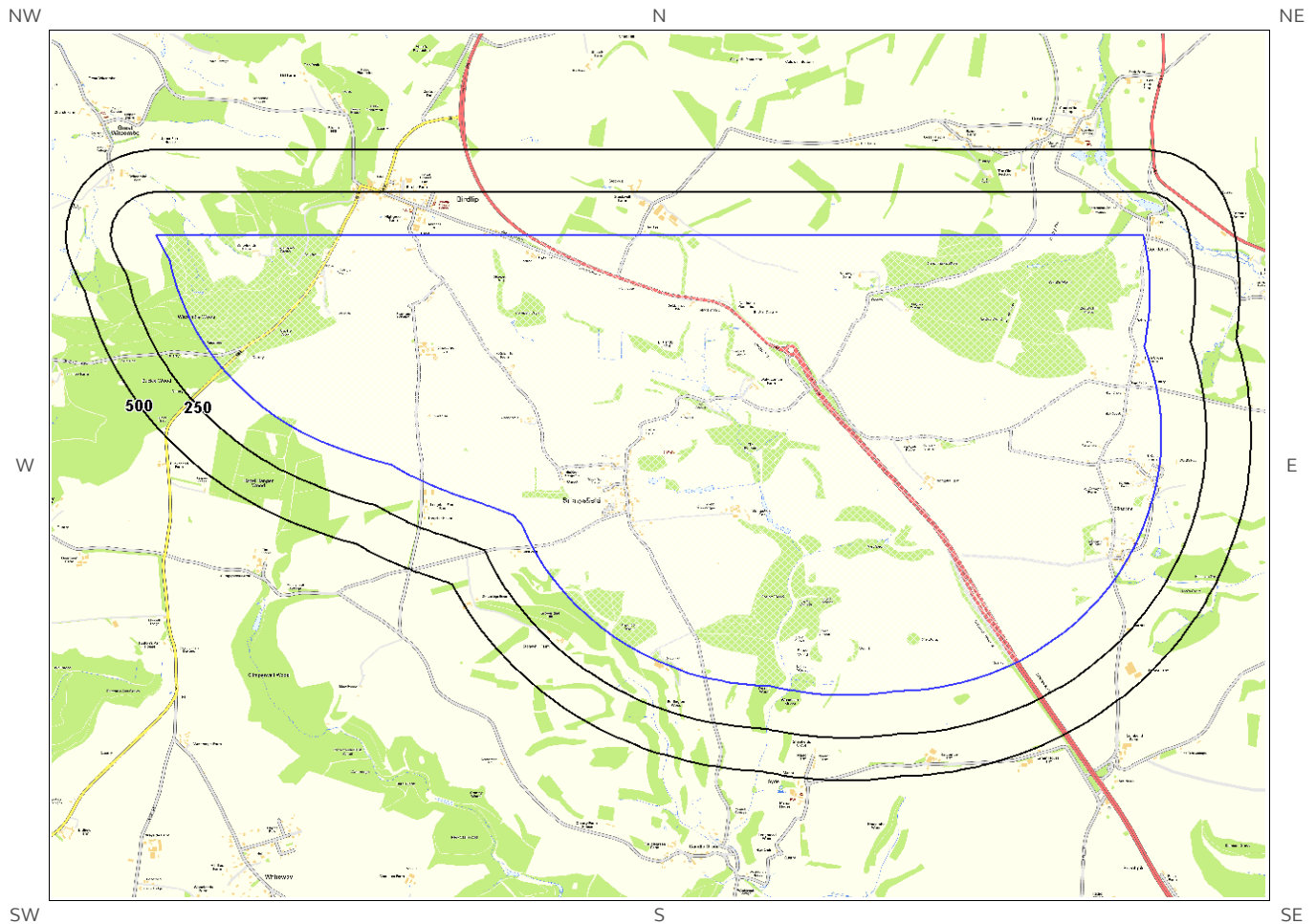
2.4 Sites Determined as Contaminated Land under Part 2A EPA 1990

Records of sites determined as contaminated land under Section 78R of the Environmental Protection Act 1990 are there within 500m of the study site










0

Database searched and no data found.

3. Landfill and Other Waste Sites Map



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- | | | | | | |
|---|------------------------|---|---------------------------|---|---|
|  | Site Outline |  | EA/NRW Active Landfill |  | Historic and Planned Waste Sites |
|  | 250 Search Buffers (m) |  | EA/NRW Historic Landfill |  | EA/NRW Licensed Waste Site |
|  | 500 Search Buffers (m) |  | BGS / DoE Survey Landfill |  | Local Authority/Historical Mapping Landfill Records |

3. Landfill and Other Waste Sites

3.1 Landfill Sites

3.1.1 Records from Environment Agency/Natural Resources Wales landfill data within 1000m of the study site:

0

Database searched and no data found.

3.1.2 Records of Environment Agency/Natural Resources Wales historic landfill sites within 1500m of the study site:

0

Database searched and no data found.

3.1.3 Records of BGS/DoE non-operational landfill sites within 1500m of the study site:

0

Database searched and no data found.

3.1.4 Records of Landfills from Local Authority and Historical Mapping Records within 1500m of the study site:

0

Database searched and no data found.

3.2 Other Waste Sites

3.2.1 Records of waste treatment, transfer or disposal sites within 500m of the study site:

0

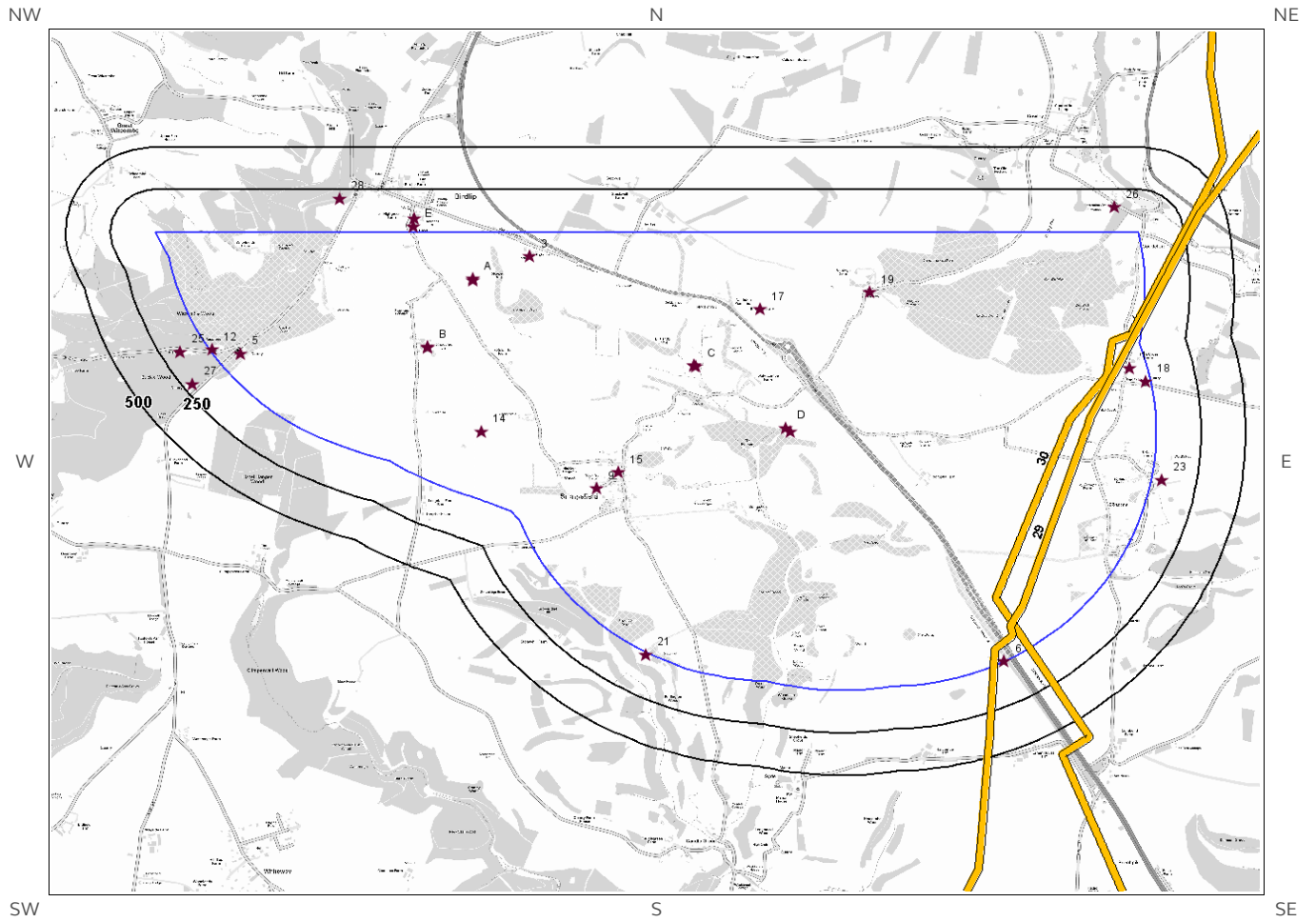
Database searched and no data found.

3.2.2 Records of Environment Agency/Natural Resources Wales licensed waste sites within 1500m of the study site:

0

Database searched and no data found.

4. Current Land Use Map



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-  Site Outline
-  Current Industrial Sites
-  Electricity Transmission Cables
-  Search Buffers (m)
-  Petrol & Fuel Sites
-  Gas Transmission Pipelines

4. Current Land Uses

4.1 Current Industrial Data

Records of potentially contaminative industrial sites within 250m of the study site:

28

The following records are represented as points on the Current Land Uses map.

ID	Distance (m)	Direction	Company	NGR	Address	Activity	Category
1	0	On Site	M Hobbs	396779 213301	High Cross Farm, Elkstone, Cheltenham, Gloucestershire, GL53 9PA	Livestock Farming	Farming
2A	0	On Site	Sewage Works	393109 213828	Gloucestershire, GL4	Waste Storage, Processing and Disposal	Infrastructure and Facilities
3	0	On Site	Works	393427 213959	Gloucestershire, GL4	Unspecified Works Or Factories	Industrial Features
4B	0	On Site	Silo	392857 213428	Gloucestershire, GL4	Hoppers and Silos	Farming
5	0	On Site	Quarry (Disused)	391813 213388	Gloucestershire, GL4	Unspecified Quarries Or Mines	Extractive Industries
6	0	On Site	Quarry (Disused)	396078 211575	Gloucestershire, GL53	Unspecified Quarries Or Mines	Extractive Industries
7C	0	On Site	Wind Pump	394358 213313	Gloucestershire, GL4	Water Pumping Stations	Industrial Features
8D	0	On Site	Tank (Disused)	394858 212950	Gloucestershire, GL4	Tanks (Generic)	Industrial Features
9	0	On Site	Tom Burt	393804 212592	Apple Tree Cottage, Brimpsfield, Gloucester, Gloucestershire, GL4 8LD	Metalworkers Including Blacksmiths	Construction Services
10A	0	On Site	Works	393109 213818	Gloucestershire, GL4	Unspecified Works Or Factories	Industrial Features
11B	0	On Site	Silo	392856 213422	Gloucestershire, GL4	Hoppers and Silos	Farming
12	0	On Site	Quarries (Disused)	391656 213411	Gloucestershire, GL3	Unspecified Quarries Or Mines	Extractive Industries
13C	0	On Site	Pylon	394348 213320	Gloucestershire, GL4	Electrical Features	Infrastructure and Facilities
14	0	On Site	Wind Pump (Disused)	393157 212928	Gloucestershire, GL4	Water Pumping Stations	Industrial Features
15	0	On Site	Pump	393926 212689	Gloucestershire, GL4	Water Pumping Stations	Industrial Features
16D	0	On Site	Filter Bed (Disused)	394886 212929	Gloucestershire, GL4	Waste Storage, Processing and Disposal	Infrastructure and Facilities
17	0	On Site	Birdlip Quarry (Disused)	394713 213648	Gloucestershire, GL4	Unspecified Quarries Or Mines	Extractive Industries
18	0	On Site	Quarry (Disused)	396867 213223	Gloucestershire, GL53	Unspecified Quarries Or Mines	Extractive Industries
19	0	On Site	Quarry	395329	Gloucestershire, GL53	Unspecified Quarries Or	Extractive Industries

ID	Distance (m)	Direction	Company	NGR	Address	Activity	Category
			(Disused)	213748		Mines	
20C	0	On Site	Mast	394347 213319	Gloucestershire, GL4	Telecommunications Features	Infrastructure and Facilities
21	10	SW	Tank	394079 211614	Gloucestershire, GL53	Tanks (Generic)	Industrial Features
22E	35	N	Depot	392778 214136	Gloucestershire, GL4	Container and Storage	Transport, Storage and Delivery
23	55	E	Tank	396960 212644	Gloucestershire, GL53	Tanks (Generic)	Industrial Features
24E	82	N	Tank	392782 214183	Gloucestershire, GL4	Tanks (Generic)	Industrial Features
25	148	SW	Quarry (Disused)	391475 213397	Gloucestershire, GL4	Unspecified Quarries Or Mines	Extractive Industries
26	149	N	Pump	396693 214250	Gloucestershire, GL53	Water Pumping Stations	Industrial Features
27	200	SW	Quarry (Disused)	391543 213207	Gloucestershire, GL4	Unspecified Quarries Or Mines	Extractive Industries
28	200	N	Hydraulic Ram	392366 214301	Gloucestershire, GL4	Water Pumping Stations	Industrial Features

4.2 Petrol and Fuel Sites

Records of petrol or fuel sites within 500m of the study site:

0

Database searched and no data found.

4.3 National Grid High Voltage Underground Electricity Transmission Cables

This dataset identifies the high voltage electricity transmission lines running between generating power plants and electricity substations. The dataset does not include the electricity distribution network (smaller, lower voltage cables distributing power from substations to the local user network). This information has been extracted from databases held by National Grid and is provided for information only with no guarantee as to its completeness or accuracy. National Grid do not offer any warranty as to the accuracy of the available data and are excluded from any liability for any such inaccuracies or errors.

Records of National Grid high voltage underground electricity transmission cables within 500m of the study site:

0

Database searched and no data found.

4.4 National Grid High Pressure Gas Transmission Pipelines

This dataset identifies high-pressure, large diameter pipelines which carry gas between gas terminals, power stations, compressors and storage facilities. The dataset does not include the Local Transmission System (LTS) which supplies gas directly into homes and businesses. This information has been extracted from databases held by National Grid and is provided for information only with no guarantee as to its completeness or accuracy. National Grid do not offer any warranty as to the accuracy of the available data and are excluded from any liability for any such inaccuracies or errors.

Records of National Grid high pressure gas transmission pipelines within 500m of the study site: 2

The following National Grid high pressure gas transmission pipelines records are represented as linear features on the Current Land Use map:

ID	Distance (m)	Direction	Details	
29	0	On Site	Pipe Name: WORMINGTON TO PUCKLECHURCH Pipe Number: - Pipeline Safety Regulations Number: - Ownership: National Grid	Maximum Operating Pressure (Bar): - Pipeline Diameter (mm): 600mm Wall Thickness (mm): -mm Year of commission: - Abandonment Status: Not Abandoned
30	0	On Site	Pipe Name: WORMINGTON TO SAPPERTON Pipe Number: - Pipeline Safety Regulations Number: - Ownership: National Grid	Maximum Operating Pressure (Bar): - Pipeline Diameter (mm): -mm Wall Thickness (mm): -mm Year of commission: - Abandonment Status: Not Abandoned

5. Geology

5.1 Artificial Ground and Made Ground

The database has been searched on site, including a 50m buffer.

Lex Code	Description	Rock Type
WMGR-ARTDP	INFILLED GROUND	ARTIFICIAL DEPOSIT

5.2 Superficial Ground and Drift Geology

The database has been searched on site, including a 50m buffer.

Lex Code	Description	Rock Type
HEAD-XCZSV	HEAD	CLAY, SILT, SAND AND GRAVEL
ALV-XCZSV	ALLUVIUM	CLAY, SILT, SAND AND GRAVEL
ALV-XCZSV	ALLUVIUM	CLAY, SILT, SAND AND GRAVEL
HEAD-XCZSV	HEAD	CLAY, SILT, SAND AND GRAVEL

5.3 Bedrock and Solid Geology

The database has been searched on site, including a 50m buffer.

Lex Code	Description	Rock Type
WHL-LMST	WHITE LIMESTONE FORMATION	LIMESTONE
HMB-LMST	HAMPEN FORMATION	LIMESTONE
FE-MDST	FULLER'S EARTH FORMATION	MUDSTONE
HMB-LMST	HAMPEN FORMATION	LIMESTONE
FE-MDST	FULLER'S EARTH FORMATION	MUDSTONE
SALS-LMOOL	SALPERTON LIMESTONE FORMATION	LIMESTONE, OOIDAL
FE-MDST	FULLER'S EARTH FORMATION	MUDSTONE
SALS-LMOOL	SALPERTON LIMESTONE FORMATION	LIMESTONE, OOIDAL
BLPL-LMOOL	BIRDLIP LIMESTONE FORMATION	LIMESTONE, OOIDAL
WHL-LMST	WHITE LIMESTONE FORMATION	LIMESTONE
HMB-LMST	HAMPEN FORMATION	LIMESTONE
FE-MDST	FULLER'S EARTH FORMATION	MUDSTONE
SALS-LMOOL	SALPERTON LIMESTONE FORMATION	LIMESTONE, OOIDAL
BLPL-LMOOL	BIRDLIP LIMESTONE FORMATION	LIMESTONE, OOIDAL

Lex Code	Description	Rock Type
GOG-LMST	GREAT OOLITE GROUP	LIMESTONE
SALS-LMOOL	SALPERTON LIMESTONE FORMATION	LIMESTONE, OOIDAL
FE-MDST	FULLER'S EARTH FORMATION	MUDSTONE
SALS-LMOOL	SALPERTON LIMESTONE FORMATION	LIMESTONE, OOIDAL
BLPL-LMOOL	BIRDIP LIMESTONE FORMATION	LIMESTONE, OOIDAL
FE-MDST	FULLER'S EARTH FORMATION	MUDSTONE
SALS-LMOOL	SALPERTON LIMESTONE FORMATION	LIMESTONE, OOIDAL
TT-LMST	THROUGHAM TILESTONE FORMATION	LIMESTONE
BLPL-LMOOL	BIRDIP LIMESTONE FORMATION	LIMESTONE, OOIDAL
BDS-SDST	BRIDPORT SAND FORMATION	SANDSTONE
FE-MDST	FULLER'S EARTH FORMATION	MUDSTONE
SALS-LMOOL	SALPERTON LIMESTONE FORMATION	LIMESTONE, OOIDAL
SALS-LMOOL	SALPERTON LIMESTONE FORMATION	LIMESTONE, OOIDAL
FE-MDST	FULLER'S EARTH FORMATION	MUDSTONE
GOG-LMST	GREAT OOLITE GROUP	LIMESTONE
HMB-LMST	HAMPEN FORMATION	LIMESTONE
FE-MDST	FULLER'S EARTH FORMATION	MUDSTONE
GOG-LMST	GREAT OOLITE GROUP	LIMESTONE
GOG-LMST	GREAT OOLITE GROUP	LIMESTONE
GOG-LMST	GREAT OOLITE GROUP	LIMESTONE
GOG-LMST	GREAT OOLITE GROUP	LIMESTONE
FE-MDST	FULLER'S EARTH FORMATION	MUDSTONE
FE-MDST	FULLER'S EARTH FORMATION	MUDSTONE
BLPL-LMOOL	BIRDIP LIMESTONE FORMATION	LIMESTONE, OOIDAL
GOG-LMST	GREAT OOLITE GROUP	LIMESTONE
FE-MDST	FULLER'S EARTH FORMATION	MUDSTONE
SALS-LMOOL	SALPERTON LIMESTONE FORMATION	LIMESTONE, OOIDAL
SALS-LMOOL	SALPERTON LIMESTONE FORMATION	LIMESTONE, OOIDAL
LIIO-LMAS	LIAS GROUP AND INFERIOR OOLITE GROUP (UNDIFFERENTIATED)	LIMESTONE, ARGILLACEOUS ROCKS AND SUBORDINATE SANDSTONE, INTERBEDDED
WHL-LMST	WHITE LIMESTONE FORMATION	LIMESTONE
BLPL-LMOOL	BIRDIP LIMESTONE FORMATION	LIMESTONE, OOIDAL
BLPL-LMOOL	BIRDIP LIMESTONE FORMATION	LIMESTONE, OOIDAL
SALS-LMOOL	SALPERTON LIMESTONE FORMATION	LIMESTONE, OOIDAL
HMB-LMST	HAMPEN FORMATION	LIMESTONE
WHL-LMST	WHITE LIMESTONE FORMATION	LIMESTONE
FE-MDST	FULLER'S EARTH FORMATION	MUDSTONE
HMB-LMST	HAMPEN FORMATION	LIMESTONE
FE-MDST	FULLER'S EARTH FORMATION	MUDSTONE
HMB-LMST	HAMPEN FORMATION	LIMESTONE
FE-MDST	FULLER'S EARTH FORMATION	MUDSTONE
HMB-LMST	HAMPEN FORMATION	LIMESTONE
WHL-LMST	WHITE LIMESTONE FORMATION	LIMESTONE
SALS-LMOOL	SALPERTON LIMESTONE FORMATION	LIMESTONE, OOIDAL

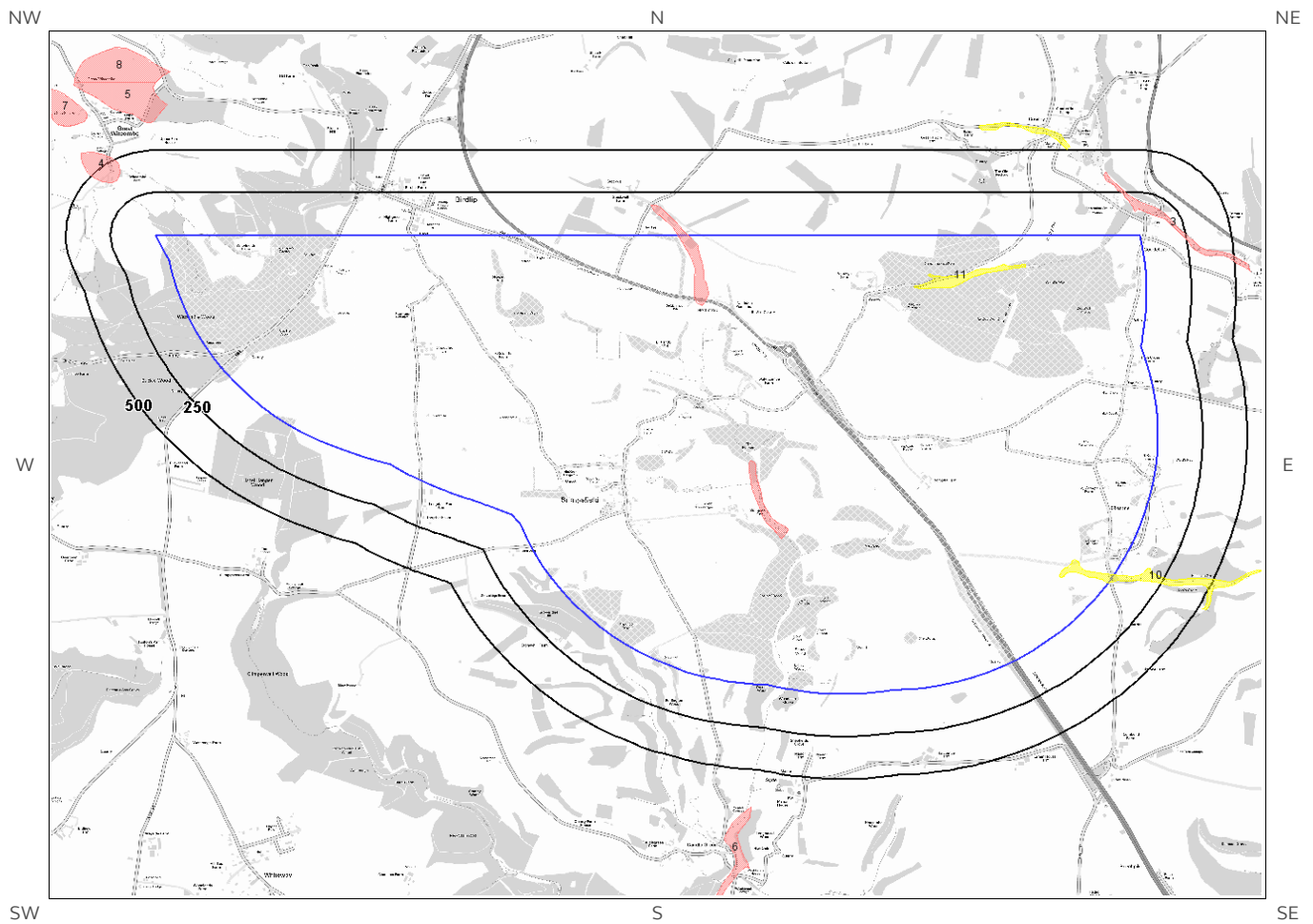
Lex Code	Description	Rock Type
ASLS-LMST	ASTON LIMESTONE FORMATION	LIMESTONE
FE-MDST	FULLER'S EARTH FORMATION	MUDSTONE
WHM-MDST	WHITBY MUDSTONE FORMATION	MUDSTONE
SALS-LMOOL	SALPERTON LIMESTONE FORMATION	LIMESTONE, OOIDAL
ASLS-LMST	ASTON LIMESTONE FORMATION	LIMESTONE
BLPL-LMOOL	BIRDLIP LIMESTONE FORMATION	LIMESTONE, OOIDAL
SALS-LMOOL	SALPERTON LIMESTONE FORMATION	LIMESTONE, OOIDAL
FE-MDST	FULLER'S EARTH FORMATION	MUDSTONE
HMB-LMST	HAMPEN FORMATION	LIMESTONE
UTG-LMST	UPPER TRIGONIA GRIT MEMBER	LIMESTONE

(Derived from the BGS 1:50,000 Digital Geological Map of Great Britain)

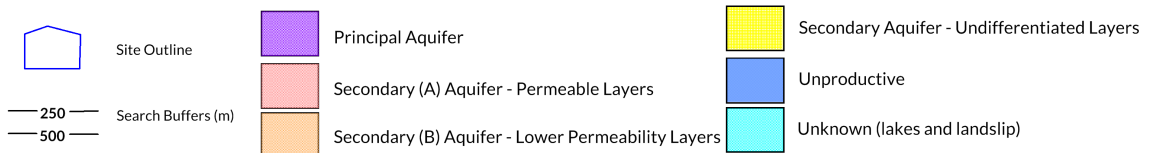


6 Hydrogeology and Hydrology

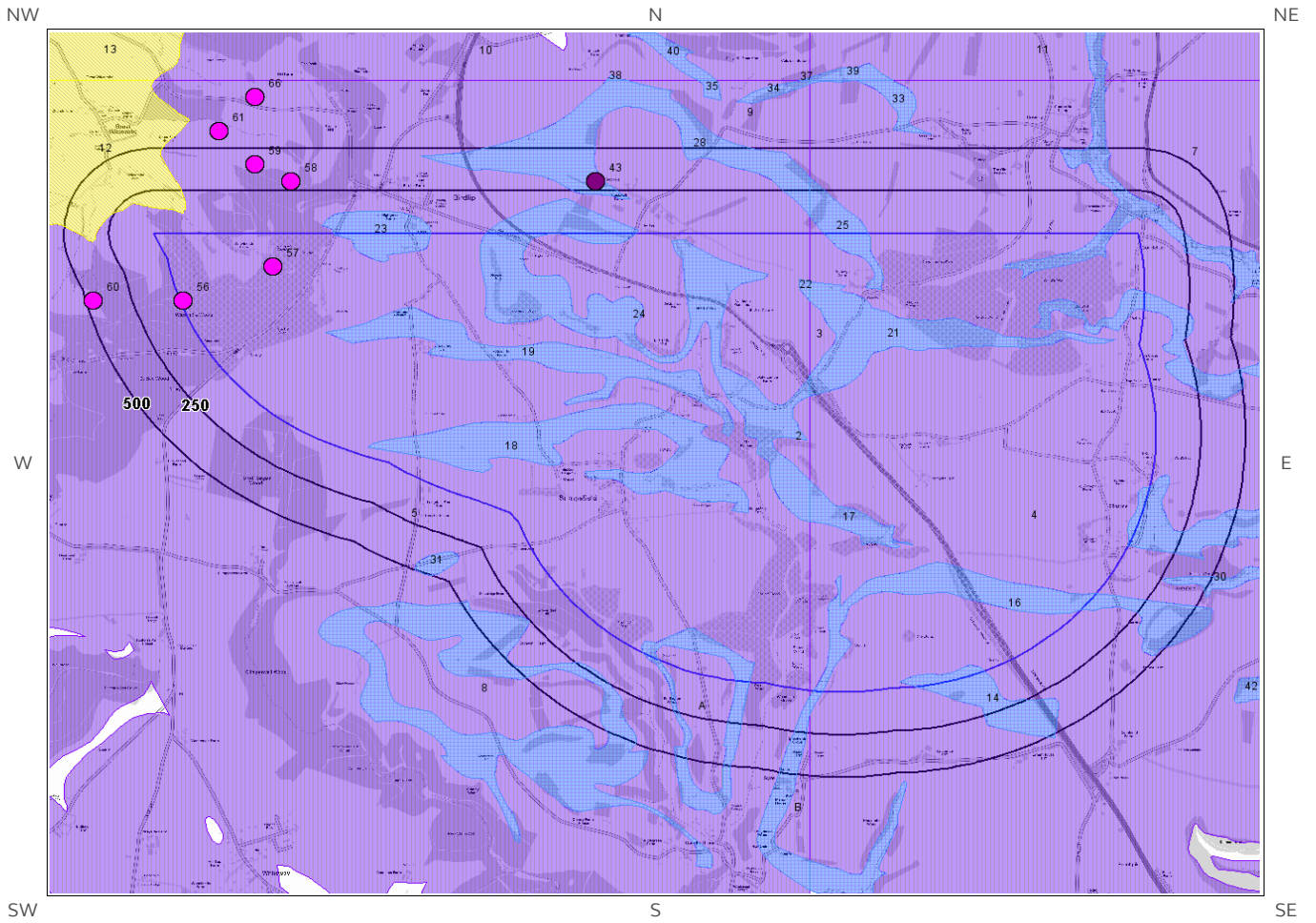
6a. Aquifer Within Superficial Geology



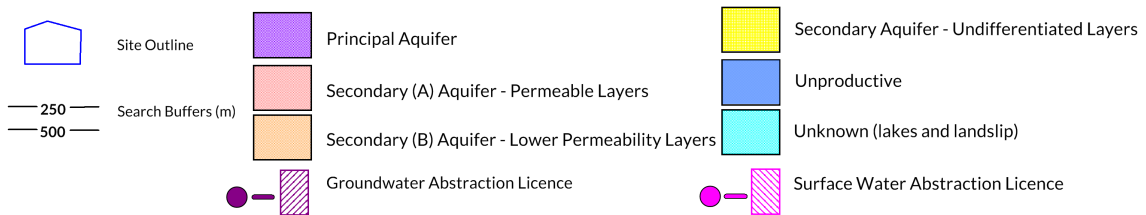
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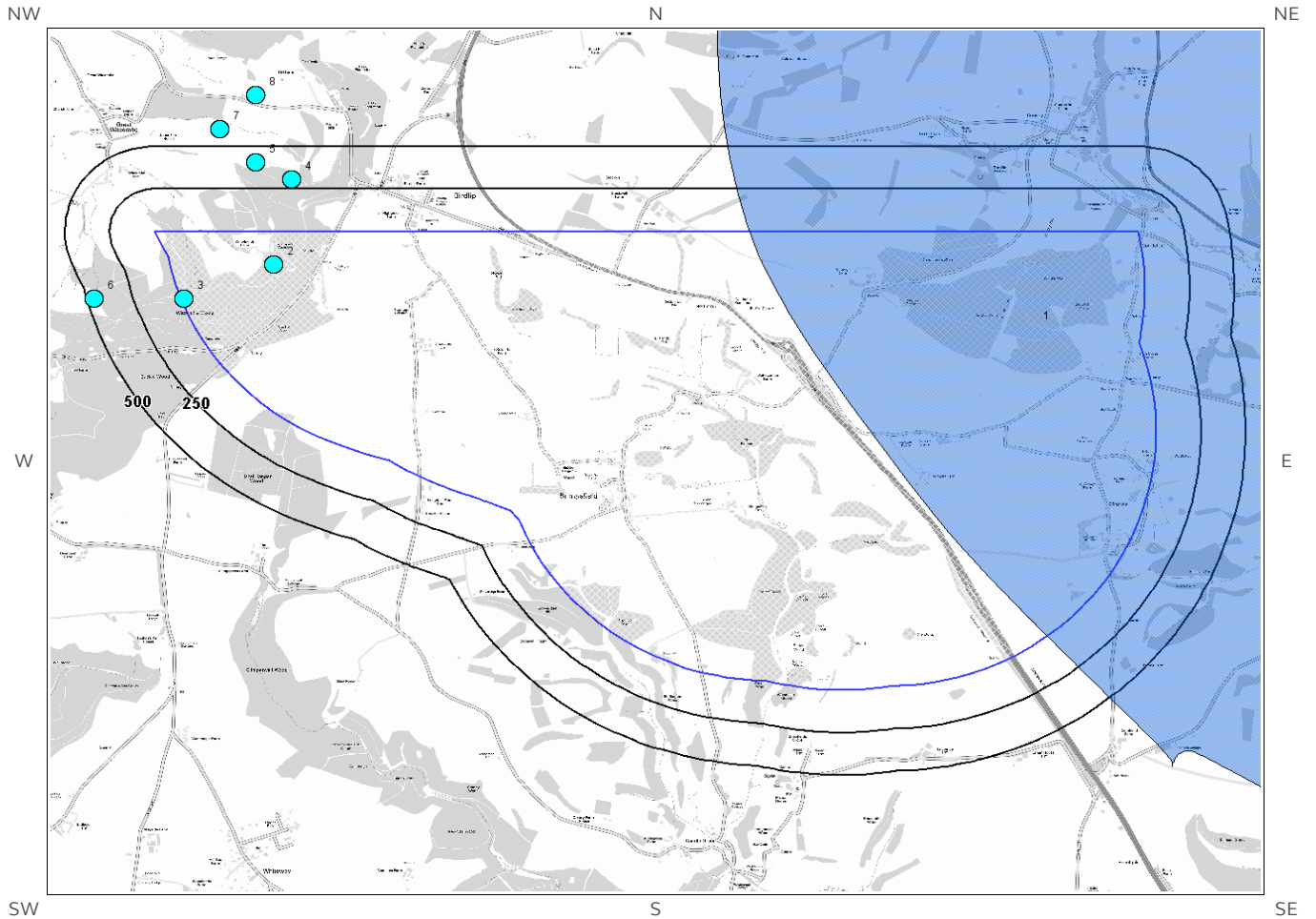
6b. Aquifer Within Bedrock Geology and Abstraction Licences



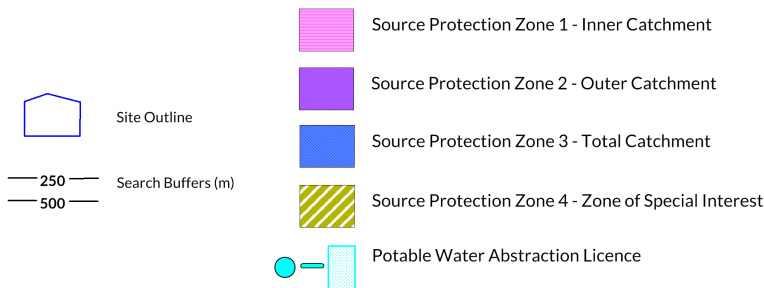
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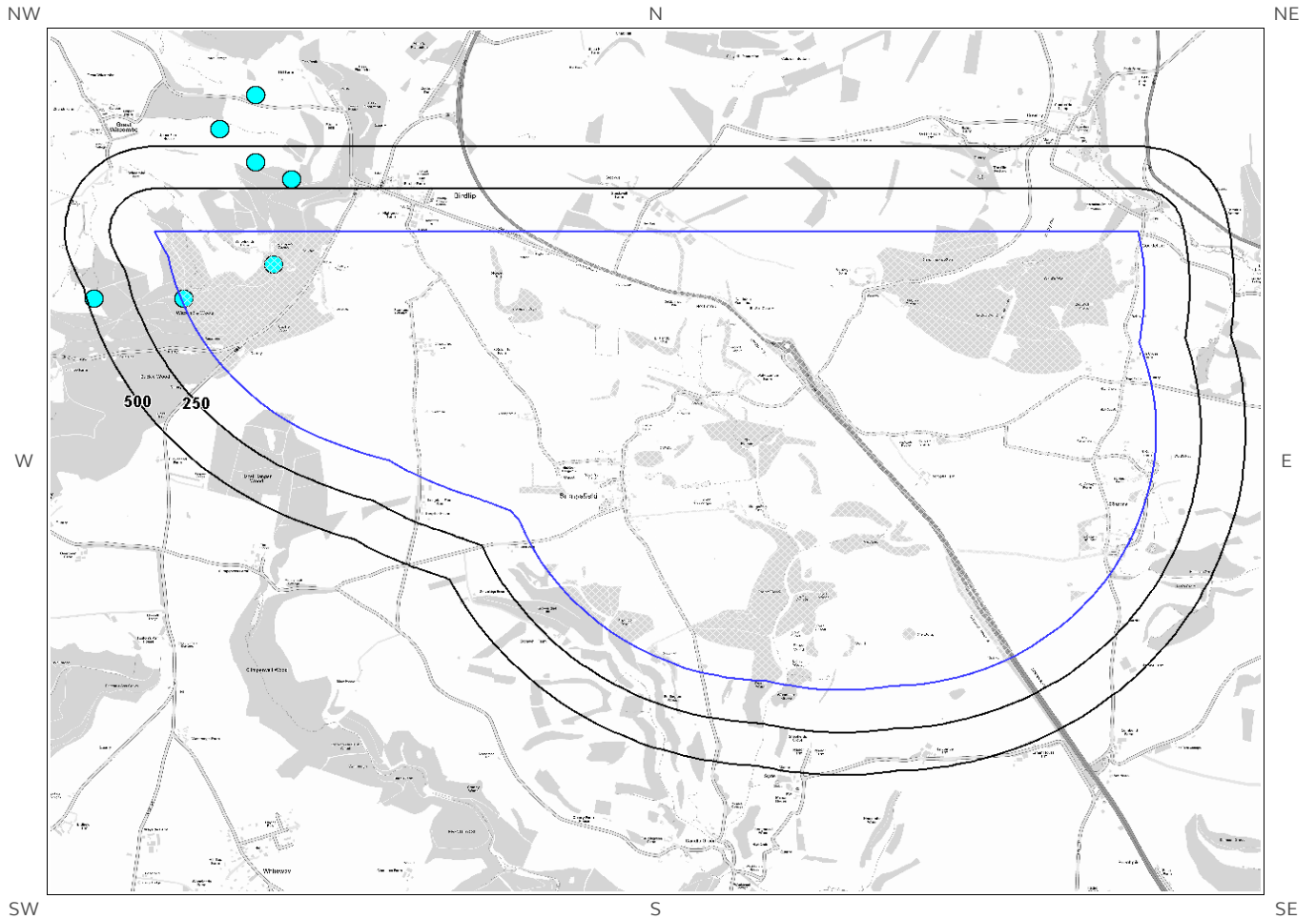
6c. Hydrogeology – Source Protection Zones and Potable Water Abstraction Licences



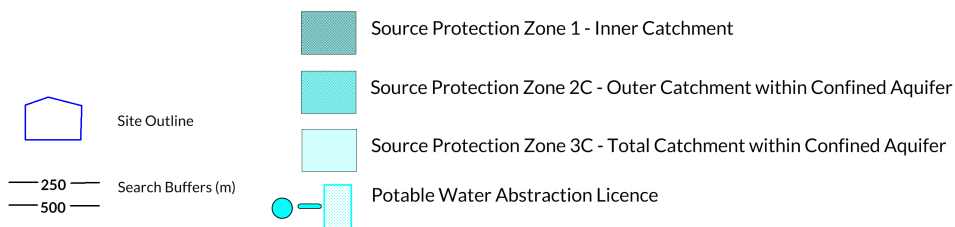
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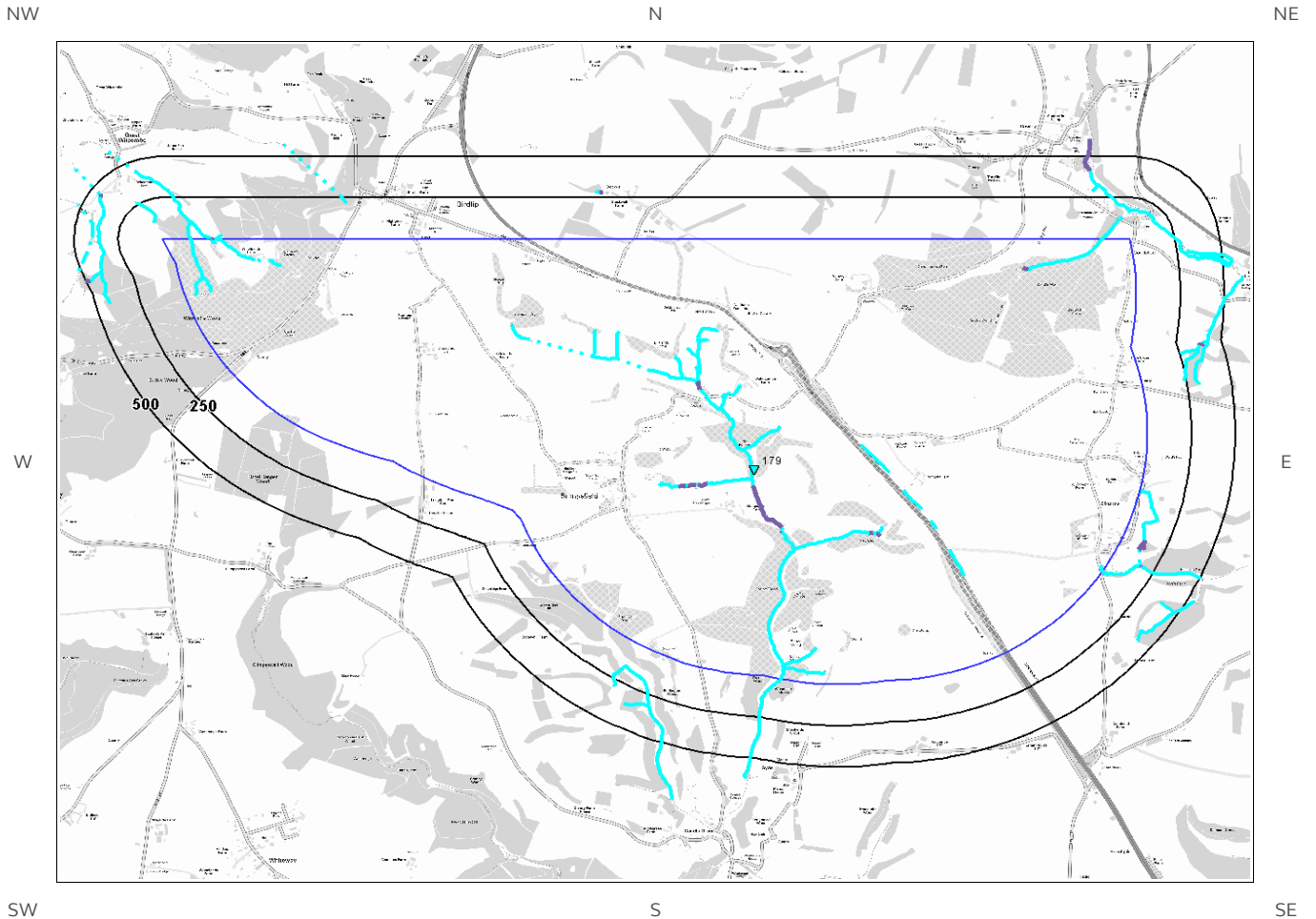
6d. Hydrogeology – Source Protection Zones within confined aquifer



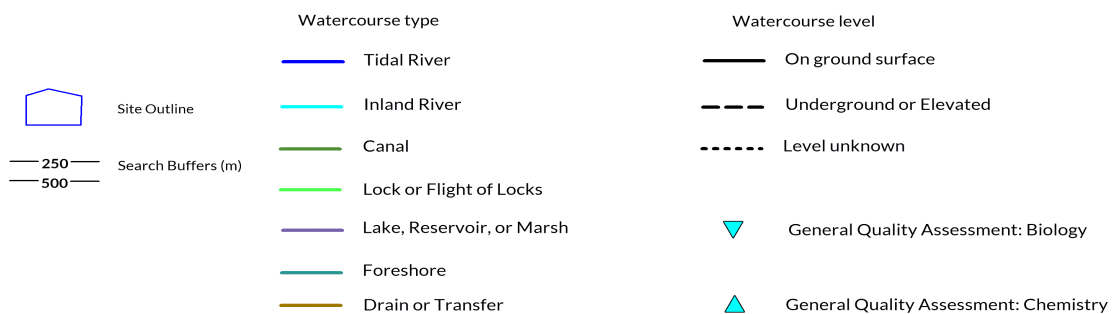
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6e. Hydrology – Watercourse Network and River Quality



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6. Hydrogeology and Hydrology

6.1 Aquifer within Superficial Deposits

Records of strata classification within the superficial geology at or in proximity to the property Yes

From 1 April 2010, the Environment Agency/Natural Resources Wales's Groundwater Protection Policy has been using aquifer designations consistent with the Water Framework Directive. For further details on the designation and interpretation of this information, please refer to the Groundsure Enviro Insight User Guide.

The following aquifer records are shown on the Aquifer within Superficial Geology Map (6a):

ID	Distance (m)	Direction	Designation	Description
1	0	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	0	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
10	0	On Site	Secondary (undifferentiated)	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type
11	0	On Site	Secondary (undifferentiated)	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type
3	138	N	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
4	390	NW	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

6.2 Aquifer within Bedrock Deposits

Records of strata classification within the bedrock geology at or in proximity to the property Yes

From 1 April 2010, the Environment Agency/Natural Resources Wales's Groundwater Protection Policy has been using aquifer designations consistent with the Water Framework Directive. For further details on the designation and interpretation of this information, please refer to the Groundsure Enviro Insight User Guide.

The following aquifer records are shown on the Aquifer within Bedrock Geology Map (6b):

ID	Distance (m)	Direction	Designation	Description
1A	0	On Site	Principal	Geology of high intergranular and/or fracture permeability, usually providing a high level of water storage and may support water supply/river base flow on a strategic scale. Generally principal aquifers were previously major aquifers
2	0	On Site	Principal	Geology of high intergranular and/or fracture permeability, usually providing a high level of water storage and may support water supply/river base flow on a strategic scale. Generally principal aquifers were previously major aquifers

ID	Distance (m)	Direction	Designation	Description
3	0	On Site	Principal	Geology of high intergranular and/or fracture permeability, usually providing a high level of water storage and may support water supply/river base flow on a strategic scale. Generally principal aquifers were previously major aquifers
4	0	On Site	Principal	Geology of high intergranular and/or fracture permeability, usually providing a high level of water storage and may support water supply/river base flow on a strategic scale. Generally principal aquifers were previously major aquifers
5	0	On Site	Principal	Geology of high intergranular and/or fracture permeability, usually providing a high level of water storage and may support water supply/river base flow on a strategic scale. Generally principal aquifers were previously major aquifers
14	0	On Site	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
15A	0	On Site	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
16	0	On Site	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
17	0	On Site	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
18	0	On Site	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
19	0	On Site	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
20	0	On Site	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
21	0	On Site	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
22	0	On Site	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
23	0	On Site	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
24	0	On Site	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
25	0	On Site	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
26	0	On Site	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
27B	35	S	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
28	99	N	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
12	117	N	Secondary (undifferentiated)	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type
6B	135	S	Principal	Geology of high intergranular and/or fracture permeability, usually providing a high level of water storage and may support water supply/river base flow on a strategic scale. Generally principal aquifers were previously major aquifers
7	191	NE	Principal	Geology of high intergranular and/or fracture permeability, usually providing a high level of water storage and may support water supply/river base flow on a strategic scale. Generally principal aquifers were previously major aquifers
29	225	SW	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
30	261	SE	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
8	284	SW	Principal	Geology of high intergranular and/or fracture permeability, usually providing a high level of water storage and may support water supply/river base flow on a strategic scale. Generally principal aquifers were previously major aquifers

ID	Distance (m)	Direction	Designation	Description
31	330	S	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
9	332	N	Principal	Geology of high intergranular and/or fracture permeability, usually providing a high level of water storage and may support water supply/river base flow on a strategic scale. Generally principal aquifers were previously major aquifers

6.3 Groundwater Abstraction Licences

Groundwater Abstraction Licences within 2000m of the study site Identified

The following Abstraction Licences records are represented as points, lines and regions on the Aquifer within Bedrock Geology Map (6b):

ID	Distance (m)	Direction	NGR	Details
43	299	N	393800 214400	Status: Historical Licence No: 18/54/22/0005 Details: General Farming & Domestic Direct Source: Groundwater Midlands Region Point: STOCKWELL FARM - SPRING Data Type: Point Name: BERINGTON Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 03/02/1966 Expiry Date: - Issue No: 100 Version Start Date: 28/09/1979 Version End Date:
Not shown	1393	E	398260 213820	Status: Historical Licence No: 28/39/02/0043 Details: General use relating to Secondary Category (Medium Loss) Direct Source: THAMES GROUNDWATER Point: WESTBURY FARM, COCKLEFORD, CHELTENHAM - CATCHPIT Data Type: Point Name: ROOK (FARMS) Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 09/01/1967 Expiry Date: - Issue No: 101 Version Start Date: 14/08/2000 Version End Date:
Not shown	1393	E	398260 213820	Status: Historical Licence No: 28/39/02/0043 Details: General Farming & Domestic Direct Source: THAMES GROUNDWATER Point: WESTBURY FARM, COCKLEFORD, CHELTENHAM Data Type: Point Name: ROOK (FARMS) Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 09/01/1967 Expiry Date: - Issue No: 101 Version Start Date: 14/08/2000 Version End Date:
Not shown	1393	E	398260 213820	Status: Historical Licence No: 28/39/02/0043 Details: General use relating to Secondary Category (Medium Loss) Direct Source: THAMES GROUNDWATER Point: WESTBURY FARM, COCKLEFORD, CHELTENHAM Data Type: Point Name: ROOK (FARMS) Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 09/01/1967 Expiry Date: - Issue No: 101 Version Start Date: 14/08/2000 Version End Date:
Not shown	1393	E	398260 213820	Status: Historical Licence No: 28/39/02/0043 Details: General Farming & Domestic Direct Source: THAMES GROUNDWATER Point: WESTBURY FARM, COCKLEFORD, CHELTENHAM - CATCHPIT Data Type: Point Name: ROOK (FARMS) Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 09/01/1967 Expiry Date: - Issue No: 101 Version Start Date: 14/08/2000 Version End Date:

ID	Distance (m)	Direction	NGR	Details	
Not shown	1872	SE	398200 211000	Status: Historical Licence No: 28/39/02/0009 Details: General use relating to Secondary Category (Medium Loss) Direct Source: THAMES GROUNDWATER Point: COMBEND MANOR, ELKSTONE, CHELTENHAM (CATCHPIT A) Data Type: Point Name: GIBBS	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 14/03/1966 Expiry Date: - Issue No: 100 Version Start Date: 14/03/1966 Version End Date:
Not shown	1872	SE	398200 211000	Status: Historical Licence No: 28/39/02/0009 Details: General Farming & Domestic Direct Source: THAMES GROUNDWATER Point: COMBEND MANOR, ELKSTONE, CHELTENHAM (CATCHPIT A) Data Type: Point Name: GIBBS	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 14/03/1966 Expiry Date: - Issue No: 100 Version Start Date: 14/03/1966 Version End Date:
Not shown	1924	NE	397900 215700	Status: Historical Licence No: 28/39/02/0070 Details: General Farming & Domestic Direct Source: THAMES GROUNDWATER Point: UPPER COBERLEY FARM Data Type: Point Name: ALLEN	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 21/07/1992 Expiry Date: - Issue No: 100 Version Start Date: 21/07/1992 Version End Date:
Not shown	1924	NE	397900 215700	Status: Historical Licence No: 28/39/02/0070 Details: General Farming & Domestic Direct Source: THAMES GROUNDWATER Point: UPPER COBERLEY FARM - WELL Data Type: Point Name: ALLEN	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 21/07/1992 Expiry Date: - Issue No: 100 Version Start Date: 21/07/1992 Version End Date:
Not shown	1955	SE	398300 211000	Status: Historical Licence No: 28/39/02/0009 Details: General Farming & Domestic Direct Source: THAMES GROUNDWATER Point: COMBEND MANOR, ELKSTONE, CHELTENHAM CATCHPIT B Data Type: Point Name: GIBBS	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 14/03/1966 Expiry Date: - Issue No: 100 Version Start Date: 14/03/1966 Version End Date:
Not shown	1955	SE	398300 211000	Status: Historical Licence No: 28/39/02/0009 Details: General use relating to Secondary Category (Medium Loss) Direct Source: THAMES GROUNDWATER Point: COMBEND MANOR, ELKSTONE, CHELTENHAM - CATCHPIT B Data Type: Point Name: GIBBS	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 14/03/1966 Expiry Date: - Issue No: 100 Version Start Date: 14/03/1966 Version End Date:
Not shown	1955	SE	398300 211000	Status: Historical Licence No: 28/39/02/0009 Details: General Farming & Domestic Direct Source: THAMES GROUNDWATER Point: COMBEND MANOR, ELKSTONE, CHELTENHAM - CATCHPIT B Data Type: Point Name: GIBBS	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 14/03/1966 Expiry Date: - Issue No: 100 Version Start Date: 14/03/1966 Version End Date:

ID	Distance (m)	Direction	NGR	Details
Not shown	1955	SE	398300 211000	Status: Historical Licence No: 28/39/02/0009 Details: General use relating to Secondary Category (Medium Loss) Direct Source: THAMES GROUNDWATER Point: COMBEND MANOR, ELKSTONE, CHELTENHAM CATCHPIT B Data Type: Point Name: GIBBS Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 14/03/1966 Expiry Date: - Issue No: 100 Version Start Date: 14/03/1966 Version End Date: -

6.4 Surface Water Abstraction Licences

Surface Water Abstraction Licences within 2000m of the study site

Identified

The following Surface Water Abstraction Licences records are represented as points, lines and regions on the Aquifer within Bedrock Geology Map (6b):

ID	Distance (m)	Direction	NGR	Details
56	0	On Site	391500 213700	Status: Historical Licence No: 18/54/20/0226 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Surface Water Midlands Region Point: WITCOMBE PARK, GLOUCESTERSHIRE - SPRING FED CATCHPIT (1) Data Type: Point Name: TRUSTEES OF THE WITCOMBE ESTATE Annual Volume (m ³): - Max Daily Volume (m ³): - Application No: - Original Start Date: 27/01/1967 Expiry Date: - Issue No: 101 Version Start Date: 28/08/2002 Version End Date: -
57	0	On Site	392000 213900	Status: Historical Licence No: 18/54/20/0229 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Surface Water Midlands Region Point: WITCOMBE PARK, GLOUCESTERSHIRE - SPRING FED CATCHPIT Data Type: Point Name: TRUSTEES OF THE WITCOMBE ESTATE Annual Volume (m ³): - Max Daily Volume (m ³): - Application No: - Original Start Date: 27/01/1967 Expiry Date: - Issue No: 101 Version Start Date: 28/08/2002 Version End Date: -
58	299	N	392100 214400	Status: Historical Licence No: 18/54/20/0227 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Surface Water Midlands Region Point: WITCOMBE PARK, GLOUCESTERSHIRE - SPRING FED RESERVOIR Data Type: Point Name: TRUSTEES OF THE WITCOMBE ESTATE Annual Volume (m ³): - Max Daily Volume (m ³): - Application No: - Original Start Date: 27/01/1967 Expiry Date: - Issue No: 101 Version Start Date: 28/08/2002 Version End Date: -
59	399	N	391900 214500	Status: Historical Licence No: 18/54/20/0227 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Surface Water Midlands Region Point: WITCOMBE PARK, GLOUCESTERSHIRE - SPRING FED RESERVOIR Data Type: Point Name: TRUSTEES OF THE WITCOMBE ESTATE Annual Volume (m ³): - Max Daily Volume (m ³): - Application No: - Original Start Date: 27/01/1967 Expiry Date: - Issue No: 101 Version Start Date: 28/08/2002 Version End Date: -
60	463	W	391000 213700	Status: Historical Licence No: 18/54/20/0226 Annual Volume (m ³): - Max Daily Volume (m ³): -

ID	Distance (m)	Direction	NGR	Details
				<p>Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services</p> <p>Direct Source: Surface Water Midlands Region Point: WITCOMBE PARK, GLOUCESTERSHIRE - SPRING FED CATCHPIT (2) Data Type: Point Name: TRUSTEES OF THE WITCOMBE ESTATE</p> <p>Application No: - Original Start Date: 27/01/1967 Expiry Date: - Issue No: 101 Version Start Date: 28/08/2002 Version End Date:</p>
61	599	N	391700 214700	<p>Status: Historical Licence No: 18/54/20/0227</p> <p>Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services</p> <p>Direct Source: Surface Water Midlands Region Point: WITCOMBE PARK, GLOUCESTERSHIRE - SPRING FED RESERVOIR Data Type: Point Name: TRUSTEES OF THE WITCOMBE ESTATE</p> <p>Annual Volume (m³): - Max Daily Volume (m³): - Application No: - Original Start Date: 27/01/1967 Expiry Date: - Issue No: 101 Version Start Date: 28/08/2002 Version End Date:</p>
Not shown	654	E	397520 213850	<p>Status: Historical Licence No: 28/39/02/0067</p> <p>Details: Fish Farm/Cress Pond Throughflow</p> <p>Direct Source: THAMES SURFACE WATER - NON TIDAL Point: COCKLEFORD FARM (A) - RIVER CHURN Data Type: Point Name: ROBERTS</p> <p>Annual Volume (m³): 3.294 Max Daily Volume (m³): 9024 Application No: - Original Start Date: 01/04/1991 Expiry Date: - Issue No: 101 Version Start Date: 03/02/2007 Version End Date:</p>
Not shown	654	E	397520 213850	<p>Status: Historical Licence No: 28/39/02/0067</p> <p>Details: Fish Farm/Cress Pond Throughflow</p> <p>Direct Source: THAMES SURFACE WATER - NON TIDAL Point: COCKLEFORD FARM (A) Data Type: Point Name: ROBERTS</p> <p>Annual Volume (m³): - Max Daily Volume (m³): - Application No: - Original Start Date: 01/04/1991 Expiry Date: - Issue No: 100 Version Start Date: 01/04/1991 Version End Date:</p>
Not shown	734	E	397600 213840	<p>Status: Historical Licence No: 28/39/02/0067</p> <p>Details: Fish Farm/Cress Pond Throughflow</p> <p>Direct Source: THAMES SURFACE WATER - NON TIDAL Point: COCKLEFORD FARM (B) Data Type: Point Name: ROBERTS</p> <p>Annual Volume (m³): - Max Daily Volume (m³): - Application No: - Original Start Date: 01/04/1991 Expiry Date: - Issue No: 100 Version Start Date: 01/04/1991 Version End Date:</p>
Not shown	734	E	397600 213840	<p>Status: Historical Licence No: 28/39/02/0067</p> <p>Details: Fish Farm/Cress Pond Throughflow</p> <p>Direct Source: THAMES SURFACE WATER - NON TIDAL Point: COCKLEFORD FARM (B) - RIVER CHURN Data Type: Point Name: ROBERTS</p> <p>Annual Volume (m³): 3.294 Max Daily Volume (m³): 9024 Application No: - Original Start Date: 01/04/1991 Expiry Date: - Issue No: 101 Version Start Date: 03/02/2007 Version End Date:</p>
66	799	N	391900 214900	<p>Status: Historical Licence No: 18/54/20/0228</p> <p>Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services</p> <p>Direct Source: Surface Water Midlands Region Point: WITCOMBE PARK, GLOUCESTERSHIRE - CATCHPIT Data Type: Point Name: TRUSTEES OF THE WITCOMBE ESTATE</p> <p>Annual Volume (m³): - Max Daily Volume (m³): - Application No: - Original Start Date: 27/01/1967 Expiry Date: - Issue No: 101 Version Start Date: 28/08/2002 Version End Date:</p>
Not shown	1451	NW	390200 215000	<p>Status: Active Licence No: 18/54/20/0116</p> <p>Details: Potable Water Supply - Direct</p> <p>Direct Source: Surface Water Midlands Region Point: WITCOMBE BROOK, ABBOTS WOOD BROOK AND OTHER INLAND WATERS</p> <p>Annual Volume (m³): 500000 Max Daily Volume (m³): 8728.32 Application No: - Original Start Date: 28/06/1966 Expiry Date: - Issue No: 103</p>

ID	Distance (m)	Direction	NGR	Details	
Not shown	1512	N	396488 215613	Data Type: Point Name: Severn Trent Water Ltd	Version Start Date: 22/10/2010 Version End Date:
				Status: Active Licence No: TH/039/0002/012 Details: Hydroelectric Power Generation Direct Source: THAMES SURFACE WATER - NON TIDAL Point: RIVER CHURN AT COBERLEY MILL	Annual Volume (m ³): 2 Max Daily Volume (m ³): 12900 Application No: - Original Start Date: 24/08/2015 Expiry Date: 31/03/2027 Issue No: 1
				Data Type: Point Name: Beynon	Version Start Date: 24/08/2015 Version End Date:
Not shown	1725	E	398590 213660	Status: Historical Licence No: 28/39/02/0067 Details: Fish Farm/Cress Pond Throughflow Direct Source: THAMES SURFACE WATER - NON TIDAL Point: COCKLEFORD FARM (C)	Annual Volume (m ³): - Max Daily Volume (m ³): - Application No: - Original Start Date: 01/04/1991 Expiry Date: - Issue No: 100
				Data Type: Point Name: ROBERTS	Version Start Date: 01/04/1991 Version End Date:
				Status: Historical Licence No: 28/39/02/0067 Details: Fish Farm/Cress Pond Throughflow Direct Source: THAMES SURFACE WATER - NON TIDAL Point: COCKLEFORD FARM (C) - TRIB OF RIVER CHURN	Annual Volume (m ³): 3352194 Max Daily Volume (m ³): 9159 Application No: - Original Start Date: 01/04/1991 Expiry Date: - Issue No: 100
Data Type: Point Name: ROBERTS	Version Start Date: 01/04/1991 Version End Date:				

6.5 Potable Water Abstraction Licences

Potable Water Abstraction Licences within 2000m of the study site

Identified

The following Potable Water Abstraction Licences records are represented as points, lines and regions on the SPZ and Potable Water Abstraction Licences Map (6c):

ID	Distance (m)	Direction	NGR	Details	
2	0	On Site	392000 213900	Status: Historical Licence No: 18/54/20/0229 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Surface Water Midlands Region Point: WITCOMBE PARK, GLOUCESTERSHIRE - SPRING FED CATCHPIT	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 27/01/1967 Expiry Date: - Issue No: 101
				Data Type: Point Name: TRUSTEES OF THE WITCOMBE ESTATE	Version Start Date: Version End Date:
				Status: Historical Licence No: 18/54/20/0226 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Surface Water Midlands Region Point: WITCOMBE PARK, GLOUCESTERSHIRE - SPRING FED CATCHPIT (1)	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 27/01/1967 Expiry Date: - Issue No: 101
Data Type: Point Name: TRUSTEES OF THE WITCOMBE ESTATE	Version Start Date: Version End Date:				
4	299	N	392100 214400	Status: Historical Licence No: 18/54/20/0227 Details: Drinking, Cooking, Sanitary, Washing,	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: -

ID	Distance (m)	Direction	NGR	Details
				<p>(Small Garden) - Commercial/Industrial/Public Services Direct Source: Surface Water Midlands Region Point: WITCOMBE PARK, GLOUCESTERSHIRE - SPRING FED RESERVOIR Data Type: Point Name: TRUSTEES OF THE WITCOMBE ESTATE</p> <p>Original Start Date: 27/01/1967 Expiry Date: - Issue No: 101 Version Start Date: Version End Date:</p>
5	399	N	391900 214500	<p>Status: Historical Licence No: 18/54/20/0227 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Surface Water Midlands Region Point: WITCOMBE PARK, GLOUCESTERSHIRE - SPRING FED RESERVOIR Data Type: Point Name: TRUSTEES OF THE WITCOMBE ESTATE</p> <p>Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 27/01/1967 Expiry Date: - Issue No: 101 Version Start Date: Version End Date:</p>
6	463	W	391000 213700	<p>Status: Historical Licence No: 18/54/20/0226 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Surface Water Midlands Region Point: WITCOMBE PARK, GLOUCESTERSHIRE - SPRING FED CATCHPIT (2) Data Type: Point Name: TRUSTEES OF THE WITCOMBE ESTATE</p> <p>Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 27/01/1967 Expiry Date: - Issue No: 101 Version Start Date: Version End Date:</p>
7	599	N	391700 214700	<p>Status: Historical Licence No: 18/54/20/0227 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Surface Water Midlands Region Point: WITCOMBE PARK, GLOUCESTERSHIRE - SPRING FED RESERVOIR Data Type: Point Name: TRUSTEES OF THE WITCOMBE ESTATE</p> <p>Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 27/01/1967 Expiry Date: - Issue No: 101 Version Start Date: Version End Date:</p>
8	799	N	391900 214900	<p>Status: Historical Licence No: 18/54/20/0228 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Surface Water Midlands Region Point: WITCOMBE PARK, GLOUCESTERSHIRE - CATCHPIT Data Type: Point Name: TRUSTEES OF THE WITCOMBE ESTATE</p> <p>Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 27/01/1967 Expiry Date: - Issue No: 101 Version Start Date: Version End Date:</p>
Not shown	1451	NW	390200 215000	<p>Status: Active Licence No: 18/54/20/0116 Details: Potable Water Supply - Direct Direct Source: Surface Water Midlands Region Point: WITCOMBE BROOK, ABBOTS WOOD BROOK AND OTHER INLAND WATERS Data Type: Point Name: Severn Trent Water Ltd</p> <p>Annual Volume (m³): 500000 Max Daily Volume (m³): 8728.32 Original Application No: - Original Start Date: 28/06/1966 Expiry Date: - Issue No: 103 Version Start Date: Version End Date:</p>

6.6 Source Protection Zones

Source Protection Zones within 500m of the study site

Identified

The following Source Protection Zones records are represented on the SPZ and Potable Water Abstraction Map (6c):

ID	Distance (m)	Direction	Zone	Description
1	0	On Site	3	Total catchment

6.7 Source Protection Zones within Confined Aquifer

Source Protection Zones within the Confined Aquifer within 500m of the study site

None identified

Historically, Source Protection Zone maps have been focused on regulation of activities which occur at or near the ground surface, such as prevention of point source pollution and bacterial contamination of water supplies. Sources in confined aquifers were often considered to be protected from these surface pressures due to the presence of a low permeability confining layer (e.g. glacial till, clay). The increased interest in subsurface activities such as onshore oil and gas exploration, ground source heating and cooling requires protection zones for confined sources to be marked on SPZ maps where this has not already been done.

Database searched and no data found.

6.8 Groundwater Vulnerability and Soil Leaching Potential

Environment Agency/Natural Resources Wales information on groundwater vulnerability and soil leaching potential within 500m of the study site Identified

Distance (m)	Direction	Classification	Soil Vulnerability Category	Description
0	On Site	Major Aquifer/High Leaching Potential	H1	Soils which readily transmit liquid discharges because they are shallow or susceptible to rapid flow directly to rock, gravel or groundwater.
0	On Site	Major Aquifer/Intermediate Leaching Potential	I1	Soils which can possibly transmit a wide range of pollutants.
0	On Site	Minor Aquifer/High Leaching Potential	H1	Soils which readily transmit liquid discharges because they are shallow or susceptible to rapid flow directly to rock, gravel or groundwater.
0	On Site	Major Aquifer/Intermediate Leaching Potential	I1	Soils which can possibly transmit a wide range of pollutants.
0	On Site	Major Aquifer/Intermediate Leaching Potential	I1	Soils which can possibly transmit a wide range of pollutants.
0	On Site	Minor Aquifer/Intermediate Leaching Potential	I1	Soils which can possibly transmit a wide range of pollutants.
0	On Site	Major Aquifer/Intermediate Leaching Potential	I1	Soils which can possibly transmit a wide range of pollutants.
0	On Site	Minor Aquifer/Intermediate Leaching Potential	I1	Soils which can possibly transmit a wide range of pollutants.
0	On Site	Minor Aquifer/Intermediate Leaching Potential	I1	Soils which can possibly transmit a wide range of pollutants.
0	On Site	Major Aquifer/Intermediate Leaching Potential	I1	Soils which can possibly transmit a wide range of pollutants.
0	On Site	Major Aquifer/High Leaching Potential	H1	Soils which readily transmit liquid discharges because they are shallow or susceptible to rapid flow directly to rock, gravel or groundwater.
0	On Site	Major Aquifer/Intermediate Leaching Potential	I1	Soils which can possibly transmit a wide range of pollutants.
0	On Site	Minor Aquifer/Low Leaching Potential	L	Soils in which pollutants are unlikely to penetrate the soil layer because either water movement is largely horizontal, or they have the ability to attenuate diffuse pollutants.
0	On Site	Major Aquifer/High Leaching Potential	H1	Soils which readily transmit liquid discharges because they are shallow or susceptible to rapid flow directly to rock, gravel or groundwater.
0	On Site	Minor Aquifer/Intermediate Leaching Potential	I1	Soils which can possibly transmit a wide range of pollutants.
0	On Site	Major Aquifer/Low Leaching Potential	L	Soils in which pollutants are unlikely to penetrate the soil layer because either water movement is largely horizontal, or they have the ability to attenuate diffuse pollutants.
0	On Site	Major Aquifer/Intermediate Leaching Potential	I1	Soils which can possibly transmit a wide range of pollutants.
0	On Site	Major Aquifer/Intermediate Leaching Potential	I1	Soils which can possibly transmit a wide range of pollutants.
79	S	Minor Aquifer/Intermediate Leaching Potential	I1	Soils which can possibly transmit a wide range of pollutants.
126	SE	Major Aquifer/Intermediate Leaching Potential	I1	Soils which can possibly transmit a wide range of pollutants.
149	S	Minor Aquifer/Intermediate Leaching Potential	I1	Soils which can possibly transmit a wide range of pollutants.
184	SW	Minor Aquifer/High Leaching	H1	Soils which readily transmit liquid

Distance (m)	Direction	Classification	Soil Vulnerability Category	Description
		Potential		discharges because they are shallow or susceptible to rapid flow directly to rock, gravel or groundwater.
215	N	Major Aquifer/Low Leaching Potential	L	Soils in which pollutants are unlikely to penetrate the soil layer because either water movement is largely horizontal, or they have the ability to attenuate diffuse pollutants.
222	SW	Minor Aquifer/High Leaching Potential	H1	Soils which readily transmit liquid discharges because they are shallow or susceptible to rapid flow directly to rock, gravel or groundwater.
302	SW	Major Aquifer/High Leaching Potential	H1	Soils which readily transmit liquid discharges because they are shallow or susceptible to rapid flow directly to rock, gravel or groundwater.

6.9 River Quality

Environment Agency/Natural Resources Wales information on river quality within 1500m of the study site Identified

6.9.1 Biological Quality:

Biological Quality data describes water quality in terms of 83 groups of macroinvertebrates, some of which are pollution sensitive. The results are graded from A ('Very Good') to F ('Bad').

The following Biological Quality records are shown on the Hydrology Map (6e):

ID	Distance (m)	Direction	NGR	River Quality Grade	Biological Quality Grade				
					2005	2006	2007	2008	2009
179	0	On Site	394700 212700	River Name: Frome Reach: Brimpsfield Pk To Canal Tunnel Sapperton End/Start of Stretch: Start of Stretch NGR	A	A	A	A	A

6.9.2 Chemical Quality:

Database searched and no data found.

6.10 Ordnance Survey MasterMap Water Network

Ordnance Survey MasterMap Water Network entries within 500m of the study site

This watercourse information is provided by Ordnance Survey MasterMap Water Network. The data provides a detailed centre line following the curve of the waterway precisely, so all distances provided in the report should be understood as measurements to the centreline rather than a measurement to the nearest point of the watercourse. Underground watercourses are inferred from entry and exit points so caution is advised in using these to indicate precise locations of underground watercourses when planning site investigation and development.

The following Ordnance Survey MasterMap Water Network records are represented on the Hydrology Map (6e):

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
1	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
2	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
3	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
4	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
5	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
6	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
7	0 On Site	-	Lake, loch or reservoir.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 5.9
8	0 On Site	-	Lake, loch or reservoir.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 10.2
9	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
10	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
30	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
31	0 On Site	-	Lake, loch or reservoir.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 4.0
32	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
33	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
34	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
35	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
36	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
37	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
38	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
39	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
40	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
41	0	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
	On Site			Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
42	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
43	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
44	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
45	0 On Site	-	Lake, loch or reservoir.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 11.7
46	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
47	0 On Site	-	Lake, loch or reservoir.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.2
48	0 On Site	-	Lake, loch or reservoir.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
49	0 On Site	-	Lake, loch or reservoir.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 18.8
50	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
51	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
52	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
53	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions)

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
				Average Width in Watercourse Section (m): 3.4
54	0 On Site	-	Lake, loch or reservoir.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 17.0
55	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
56	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
57	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
58	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
59	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
60	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
61	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
62	0 On Site	-	Lake, loch or reservoir.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 11.0
63	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
64	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
65	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
66	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
67	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
68	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
69	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
70	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
71	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
72	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
73	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
74	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
75	0 On Site	-	Lake, loch or reservoir.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 13.9
76	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
77	0 On Site	-	Lake, loch or reservoir.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 12.6
78	0	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
	On Site			Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
79	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
80	0 On Site	-	Lake, loch or reservoir.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.4
81	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
82	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
83	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
84	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
85	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
86	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
87	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
88	0 On Site	-	Lake, loch or reservoir.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 8.1
89	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
90	0 On Site	-	Lake, loch or reservoir.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions)

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
				Average Width in Watercourse Section (m): 2.8
91	0 On Site	-	Lake, loch or reservoir.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 9.2
92	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
93	0 On Site	-	Lake, loch or reservoir.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 14.6
94	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
95	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
96	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
97	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
98	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
99	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
100	0 On Site	-	Lake, loch or reservoir.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 12.7
101	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
102	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
27	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
28	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
29	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
30	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
31	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
32	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
33	0 On Site	-	Lake, loch or reservoir.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 5.9
34	0 On Site	-	Lake, loch or reservoir.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 10.2
35	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
36	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
56	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
57	0 On Site	-	Lake, loch or reservoir.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 4.0
58	0	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: Not provided

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
	On Site			Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
59	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
60	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
61	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
62	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
63	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
64	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
65	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
66	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
67	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
68	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
69	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
70	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions)

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
				Average Width in Watercourse Section (m): Not Provided
71	0 On Site	-	Lake, loch or reservoir.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 11.7
72	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
73	0 On Site	-	Lake, loch or reservoir.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.2
74	0 On Site	-	Lake, loch or reservoir.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
75	0 On Site	-	Lake, loch or reservoir.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 18.8
76	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
77	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
78	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
79	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 3.4
80	0 On Site	-	Lake, loch or reservoir.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 17.0
81	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
82	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
83	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
84	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
85	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
86	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
87	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
88	0 On Site	-	Lake, loch or reservoir.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 11.0
89	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
90	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
91	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
92	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
93	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
94	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
95	0	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
	On Site			Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
96	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
97	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
98	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
99	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
100	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
101	0 On Site	-	Lake, loch or reservoir.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 13.9
102	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
103	0 On Site	-	Lake, loch or reservoir.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 12.6
104	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
105	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
106	0 On Site	-	Lake, loch or reservoir.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.4
107	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions)

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
				Average Width in Watercourse Section (m): Not Provided
108	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
109	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
110	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
111	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
112	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
113	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
114	0 On Site	-	Lake, loch or reservoir.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 8.1
115	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
116	0 On Site	-	Lake, loch or reservoir.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.8
117	0 On Site	-	Lake, loch or reservoir.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 9.2
118	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
119	0 On Site	-	Lake, loch or reservoir.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 14.6

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
120	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
121	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
122	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
123	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
124	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
125	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
126	0 On Site	-	Lake, loch or reservoir.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 12.7
127	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
128	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
11	4 N	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
37	4 N	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
103	5 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
129	5	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
	E			Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
104	80 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
130	80 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
105	102 SE	-	Lake, loch or reservoir.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 4.0
131	102 SE	-	Lake, loch or reservoir.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 4.0
12	104 N	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
38	104 N	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
13	108 NW	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
39	108 NW	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
106	117 SE	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
132	117 SE	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
107	118 SE	-	Lake, loch or reservoir.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 7.8
133	118 SE	-	Lake, loch or reservoir.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions)

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
				Average Width in Watercourse Section (m): 7.8
108	120 N	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
134	120 N	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
109	121 SE	-	Lake, loch or reservoir.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 1.9
110	121 SE	-	Lake, loch or reservoir.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 6.1
135	121 SE	-	Lake, loch or reservoir.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 1.9
136	121 SE	-	Lake, loch or reservoir.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 6.1
111	122 SE	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
137	122 SE	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
112	125 SE	-	Lake, loch or reservoir.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 13.7
138	125 SE	-	Lake, loch or reservoir.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 13.7
113	148 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
139	148 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
114	149 SW	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
140	149 SW	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
115	158 N	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 4.1
141	158 N	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 4.1
116	159 SE	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
142	159 SE	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
117	160 SE	-	Lake, loch or reservoir.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.9
143	160 SE	-	Lake, loch or reservoir.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.9
118	164 SE	-	Lake, loch or reservoir.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
144	164 SE	-	Lake, loch or reservoir.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
119	165 SE	-	Lake, loch or reservoir.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
120	165 SE	-	Lake, loch or reservoir.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.9
145	165	-	Lake, loch or reservoir.	Catchment Area: Thames Relationship to Ground Level: On ground surface

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
	SE			Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
146	165 SE	-	Lake, loch or reservoir.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.9
121	167 SE	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
147	167 SE	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
122	171 NE	River Churn	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 4.1
148	171 NE	River Churn	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 4.1
123	174 N	River Churn	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 26.0
149	174 N	River Churn	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 26.0
124	176 N	River Churn	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 12.3
150	176 N	River Churn	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 12.3
125	184 SW	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
151	184 SW	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
126	188 SW	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions)

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
				Average Width in Watercourse Section (m): Not Provided
152	188 SW	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
127	196 S	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
153	196 S	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
128	201 S	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
154	201 S	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
129	203 S	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
155	203 S	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
130	207 S	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
156	207 S	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
131	215 SW	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
157	215 SW	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
14	217 N	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
40	217 N	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
132	227 SW	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
158	227 SW	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
133	237 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
159	237 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
15	249 N	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
41	249 N	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
134	256 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
160	256 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
135	283 N	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
136	283 N	-	Lake, loch or reservoir.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 9.0
161	283 N	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
162	283	-	Lake, loch or reservoir.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
	N			Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 9.0
137	288 N	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
163	288 N	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
138	294 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
139	294 E	River Churn	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 3.7
164	294 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
165	294 E	River Churn	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 3.7
140	303 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
166	303 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
141	312 S	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
142	312 S	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
167	312 S	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
168	312 S	-	Inland river not influenced by normal tidal action.	Catchment Area: Frome and Cam Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions)

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
				Average Width in Watercourse Section (m): Not Provided
143	324 N	River Churn	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.8
169	324 N	River Churn	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.8
16	341 W	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
Not shown	341 W	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
144	360 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
170	360 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
145	370 N	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.5
146	370 N	River Churn	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.8
171	370 N	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.5
172	370 N	River Churn	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.8
147	371 E	-	Lake, loch or reservoir.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 7.7
173	371 E	-	Lake, loch or reservoir.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 7.7

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
17	379 NW	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
Not shown	379 NW	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
148	380 SE	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
174	380 SE	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
18	383 NW	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
Not shown	383 NW	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
149	385 E	River Churn	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 1.6
150	385 E	River Churn	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 3.3
175	385 E	River Churn	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 1.6
176	385 E	River Churn	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 3.3
151	386 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
177	386 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
152	387	-	Lake, loch or reservoir.	Catchment Area: Thames Relationship to Ground Level: On ground surface

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
	E			Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 9.7
178	387 E	-	Lake, loch or reservoir.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 9.7
153	389 E	-	Lake, loch or reservoir.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 7.0
179	389 E	-	Lake, loch or reservoir.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 7.0
154	393 E	-	Lake, loch or reservoir.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 3.2
180	393 E	-	Lake, loch or reservoir.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 3.2
155	394 SE	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
181	394 SE	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
156	396 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
182	396 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
19	397 W	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
20	397 W	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
Not shown	397 W	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions)

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
				Average Width in Watercourse Section (m): Not Provided
Not shown	397 W	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
21	398 SW	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
22	398 SW	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
157	398 E	River Churn	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.3
158	398 E	River Churn	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.4
47	398 SW	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
Not shown	398 SW	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
183	398 E	River Churn	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.3
184	398 E	River Churn	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.4
159	399 E	River Churn	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 1.9
185	399 E	River Churn	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 1.9
160	402 E	River Churn	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 4.8

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
186	402 E	River Churn	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 4.8
161	404 N	River Churn	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
187	404 N	River Churn	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
162	406 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
163	406 E	River Churn	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.0
Not shown	406 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
Not shown	406 E	River Churn	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.0
164	409 N	River Churn	Lake, loch or reservoir.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 23.7
190	409 N	River Churn	Lake, loch or reservoir.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 23.7
23	410 W	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
165	410 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
Not shown	410 W	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
Not shown	410	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
	E			Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
24	425 N	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
50	425 N	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
166	427 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
167	427 E	River Churn	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 4.7
168	427 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
Not shown	427 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
Not shown	427 E	River Churn	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 4.7
Not shown	427 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
25	436 NW	-	Lake, loch or reservoir.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 4.9
Not shown	436 NW	-	Lake, loch or reservoir.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 4.9
26	445 NW	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
27	445 W	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions)

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
				Average Width in Watercourse Section (m): Not Provided
Not shown	445 NW	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
Not shown	445 W	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
169	449 E	River Churn	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 6.1
170	449 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
Not shown	449 E	River Churn	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 6.1
Not shown	449 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
171	454 SE	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
197	454 SE	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
172	455 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
Not shown	455 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
173	458 SE	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
199	458 SE	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
174	459 E	River Churn	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.1
Not shown	459 E	River Churn	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.1
175	472 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
176	472 E	River Churn	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 1.9
Not shown	472 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
Not shown	472 E	River Churn	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 1.9
28	475 SW	-	Lake, loch or reservoir.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 11.4
Not shown	475 SW	-	Lake, loch or reservoir.	Catchment Area: Severn Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 11.4
29	480 W	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
177	480 SE	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
Not shown	480 W	-	Inland river not influenced by normal tidal action.	Catchment Area: Severn Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
203	480 SE	-	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
178	485	River Churn	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
	E			Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 1.8
Not shown	485 E	River Churn	Inland river not influenced by normal tidal action.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 1.8

6.11 Surface Water Features

Surface water features within 250m of the study site

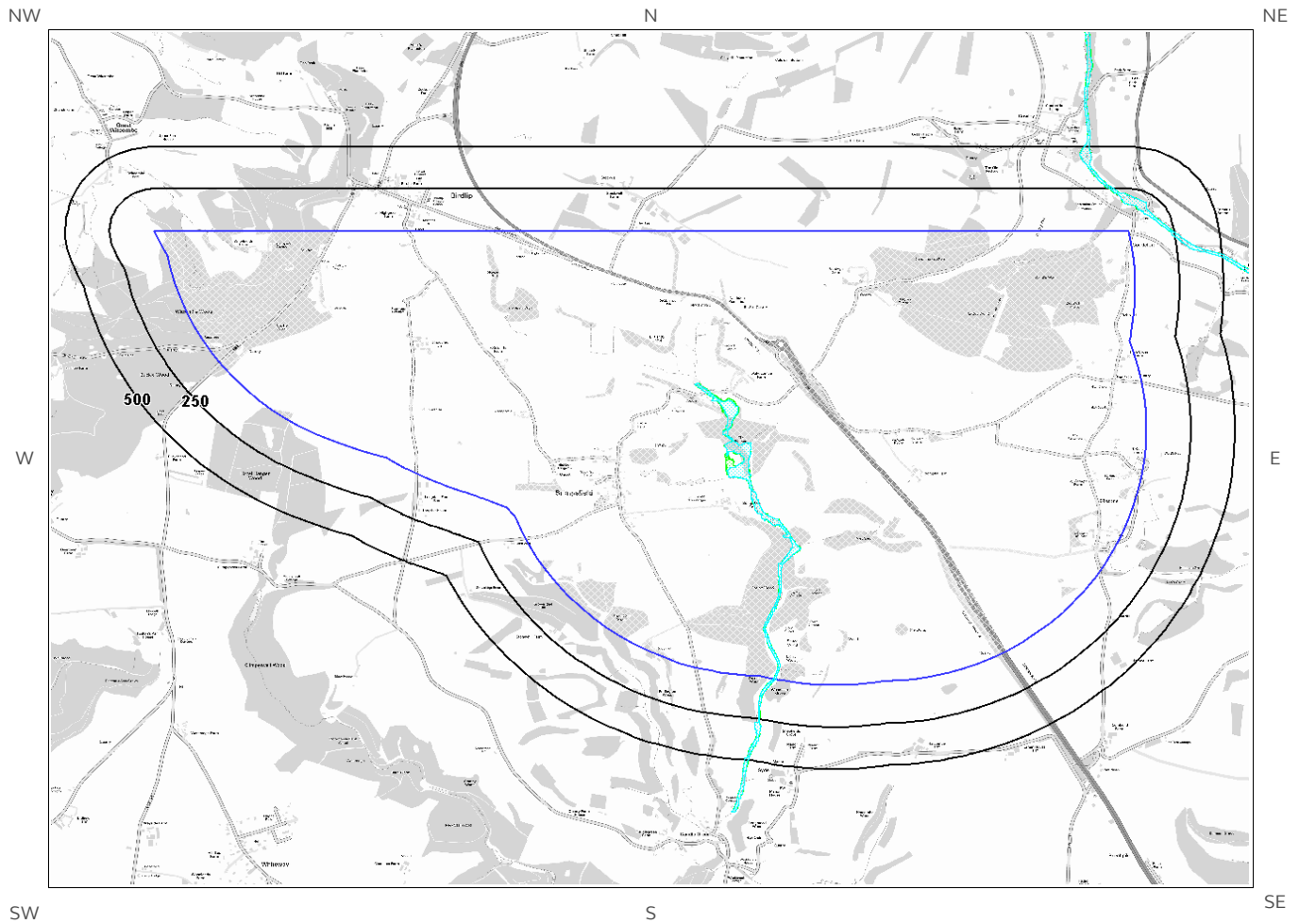
Identified

The following surface water records are not represented on mapping:

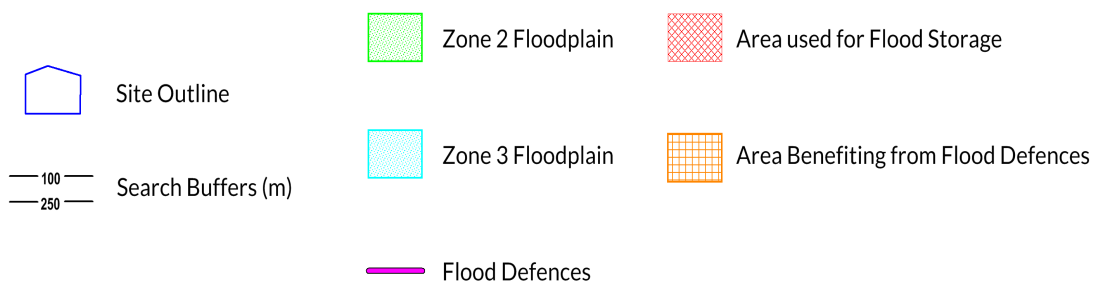
Distance (m)	Direction
217	N
217	SW
237	E
239	N



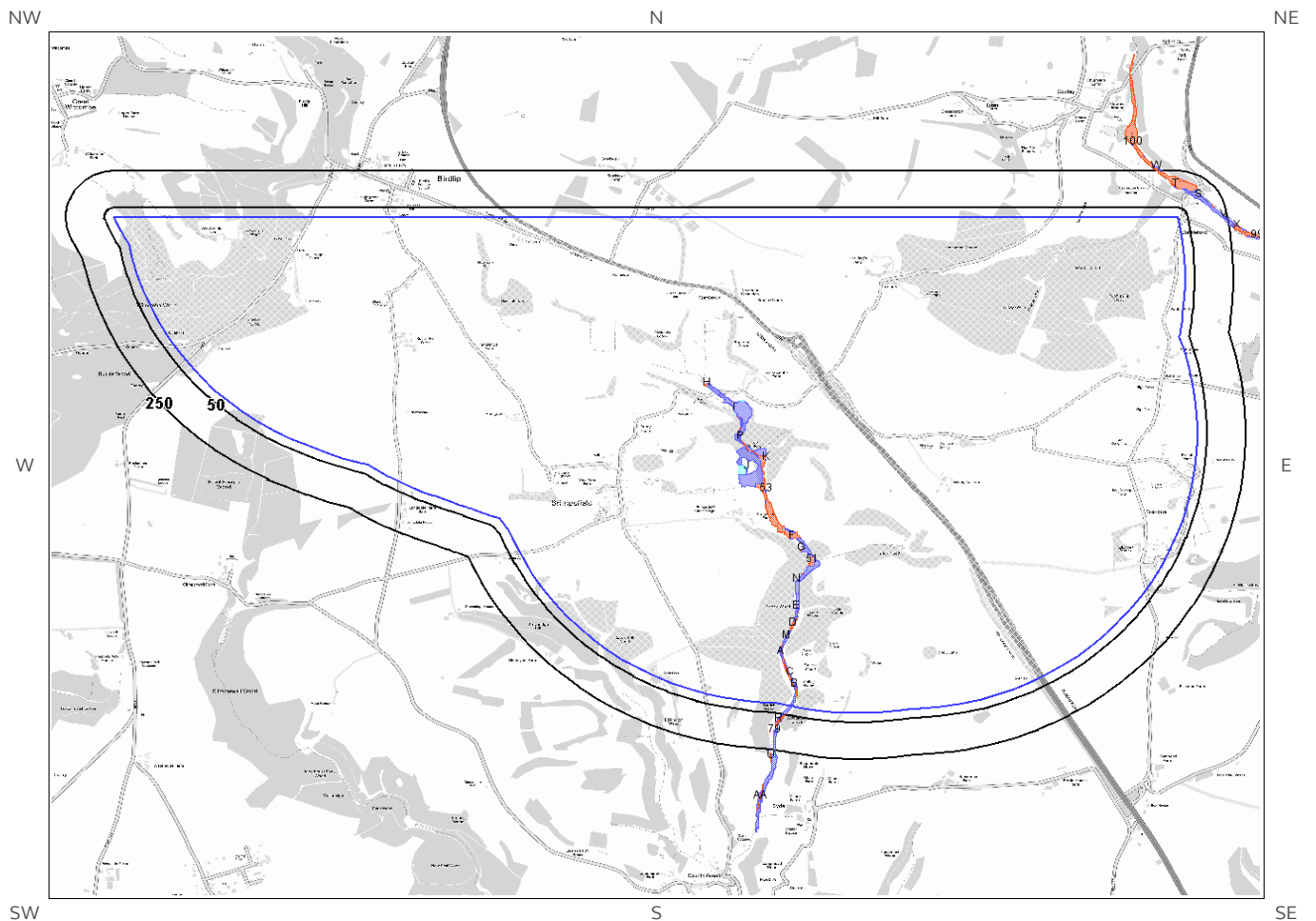
7a. Environment Agency/Natural Resources Wales Flood Map for Planning (from rivers and the sea)



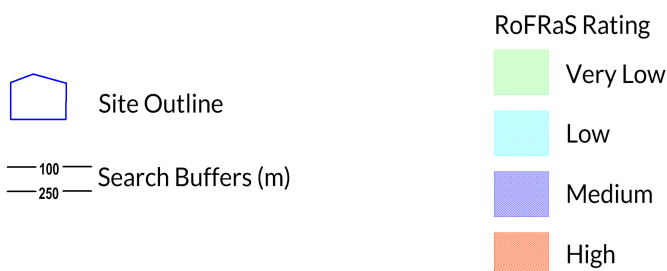
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7b. Environment Agency/Natural Resources Wales Risk of Flooding from Rivers and the Sea (RoFRaS) Map



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7 Flooding

7.1 River and Coastal Zone 2 Flooding

Environment Agency/Natural Resources Wales Zone 2 floodplain within 250m

Identified

Environment Agency/Natural Resources Wales Zone 2 floodplains estimate the annual probability of flooding as between 1 in 1000 (0.1%) and 1 in 100 (1%) from rivers and between 1 in 1000 (0.1%) and 1 in 200 (0.5%) from the sea. Any relevant data is represented on Map 7a – Flood Map for Planning:

ID	Distance (m)	Direction	Update	Type
1A	0	On Site	20-Jun-2019	Zone 2 - (Fluvial /Tidal Models)
2B	134	NE	20-Jun-2019	Zone 2 - (Fluvial /Tidal Models)

7.2 River and Coastal Zone 3 Flooding

Environment Agency/Natural Resources Wales Zone 3 floodplain within 250m

Identified

Zone 3 shows the extent of a river flood with a 1 in 100 (1%) or greater chance of occurring in any year or a sea flood with a 1 in 200 (0.5%) or greater chance of occurring in any year. Any relevant data is represented on Map 7a – Flood Map for Planning.

ID	Distance (m)	Direction	Update	Type
1A	0	On Site	20-Jun-2019	Zone 3 - (Fluvial Models)
2B	134	NE	20-Jun-2019	Zone 3 - (Fluvial Models)

7.3 Risk of Flooding from Rivers and the Sea (RoFRaS) Flood Rating

Highest risk of flooding onsite

High

The Environment Agency/Natural Resources Wales RoFRaS database provides an indication of river and coastal flood risk at a national level on a 50m grid with the flood rating at the centre of the grid calculated and given above. The data considers the probability that the flood defences will overtop or breach by considering their location, type, condition and standard of protection.

RoFRaS data for the study site indicates the property is in an area with a High (1 in 30 or greater) chance of flooding in any given year.

Any relevant data within 250m is represented on the RoFRaS Flood map. Data to 50m is reported in the table below.

ID	Distance (m)	Direction	RoFRaS flood Risk
1A	0.0	On Site	Medium
2A	0.0	On Site	Medium
3A	0.0	On Site	Medium
4A	0.0	On Site	High
5C	0.0	On Site	Medium
6B	0.0	On Site	Medium
7A	0.0	On Site	Medium
8B	0.0	On Site	High
9B	0.0	On Site	Medium
10B	0.0	On Site	Medium
11C	0.0	On Site	Medium
12A	0.0	On Site	Medium
13B	0.0	On Site	High
14D	0.0	On Site	High
15D	0.0	On Site	Medium
16D	0.0	On Site	Medium
17D	0.0	On Site	Medium
18D	0.0	On Site	High
19E	0.0	On Site	Medium
20E	0.0	On Site	High
21N	0.0	On Site	High
22Q	0.0	On Site	Medium
23G	0.0	On Site	High
24F	0.0	On Site	Medium
25F	0.0	On Site	Medium
26G	0.0	On Site	Medium
27F	0.0	On Site	Medium
28H	0.0	On Site	High
29H	0.0	On Site	High
30I	0.0	On Site	High
31I	0.0	On Site	Low
32I	0.0	On Site	Low
33L	0.0	On Site	High

34K	0.0	On Site	Medium
35J	0.0	On Site	Medium
36J	0.0	On Site	Medium
37J	0.0	On Site	Low
38O	0.0	On Site	High
39K	0.0	On Site	Medium
40P	0.0	On Site	Medium
41L	0.0	On Site	Medium
42L	0.0	On Site	Medium
43M	0.0	On Site	Medium
44M	0.0	On Site	High
45M	0.0	On Site	High
46M	0.0	On Site	High
47E	0.0	On Site	Medium
48N	0.0	On Site	Low
49N	0.0	On Site	Medium
50N	0.0	On Site	High
51	0.0	On Site	High
52O	0.0	On Site	Medium
53	0.0	On Site	Medium
54H	0.0	On Site	Low
55H	0.0	On Site	Low
56H	0.0	On Site	Low
57I	0.0	On Site	Low
58I	0.0	On Site	High
59I	0.0	On Site	Medium
60I	0.0	On Site	Medium
61P	0.0	On Site	Medium
62P	0.0	On Site	High
63P	0.0	On Site	Medium
64J	0.0	On Site	Medium
65P	0.0	On Site	Medium
66I	0.0	On Site	Medium
67Q	39.0	S	High
68Q	41.0	S	High
69Q	49.0	S	High

7.4 Flood Defences

Flood Defences within 250m of the study site

Database searched and no data found.

None identified

7.5 Areas benefiting from Flood Defences

Areas benefiting from Flood Defences within 250m of the study site None identified

7.6 Areas benefiting from Flood Storage

Areas used for Flood Storage within 250m of the study site None identified

7.7 Groundwater Flooding Susceptibility Areas

7.7.1 British Geological Survey groundwater flooding susceptibility areas within 50m of the boundary of the study site Identified

Clearwater Flooding or Superficial Deposits Flooding Superficial Deposits Flooding

Notes: Groundwater flooding may either be associated with shallow unconsolidated sedimentary aquifers which overlie unproductive aquifers (Superficial Deposits Flooding), or with unconfined aquifers (Clearwater Flooding).

7.7.2 Highest susceptibility to groundwater flooding in the search area based on the underlying geological conditions

Potential at Surface

Where potential for groundwater flooding to occur at surface is indicated, this means that given the geological conditions in the area groundwater flooding hazard should be considered in all land-use planning decisions. It is recommended that other relevant information e.g. records of previous incidence of groundwater flooding, rainfall, property type, and land drainage information be investigated in order to establish relative, but not absolute, risk of groundwater flooding.

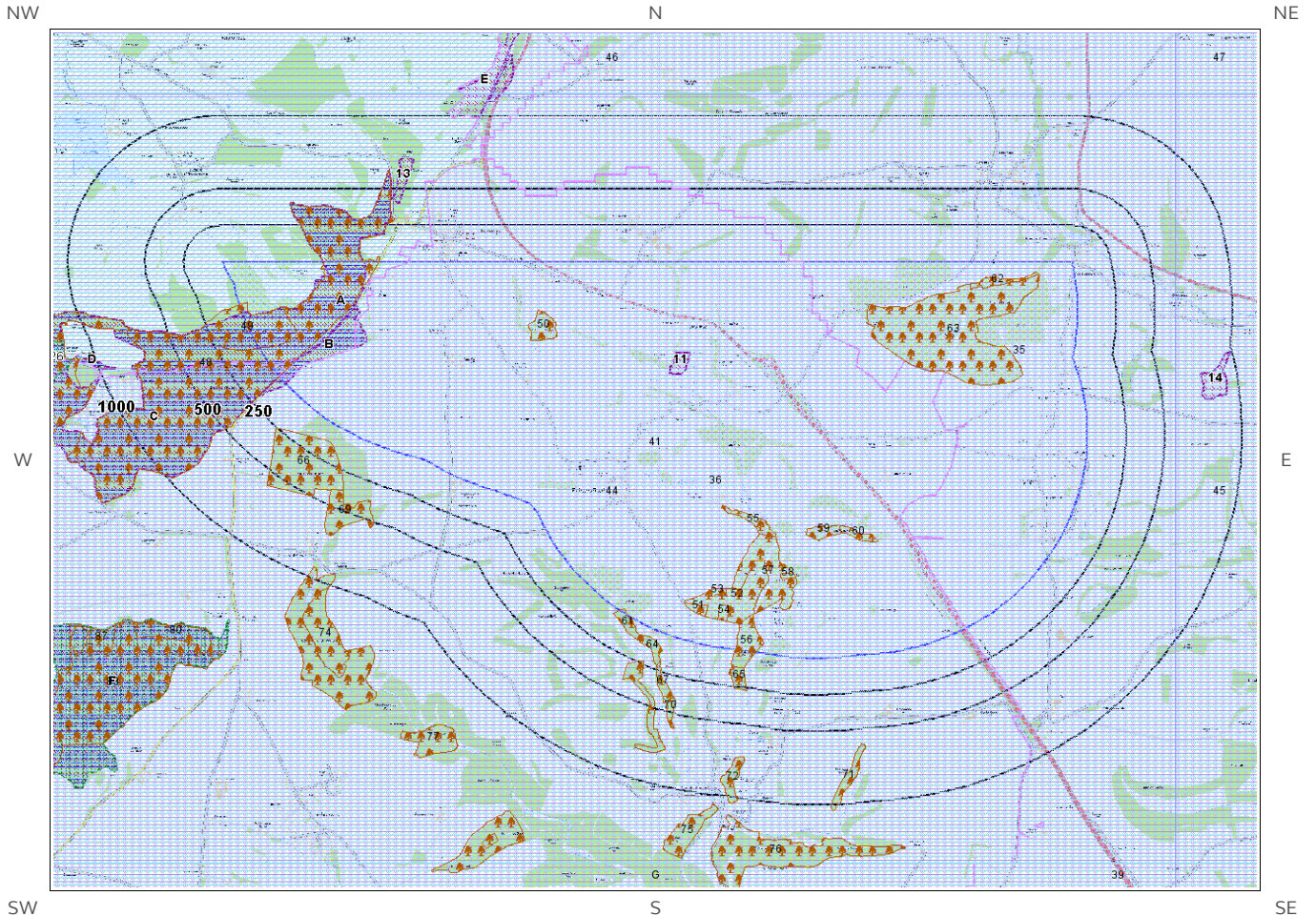
7.8 Groundwater Flooding Confidence Areas

British Geological Survey confidence rating in this result High

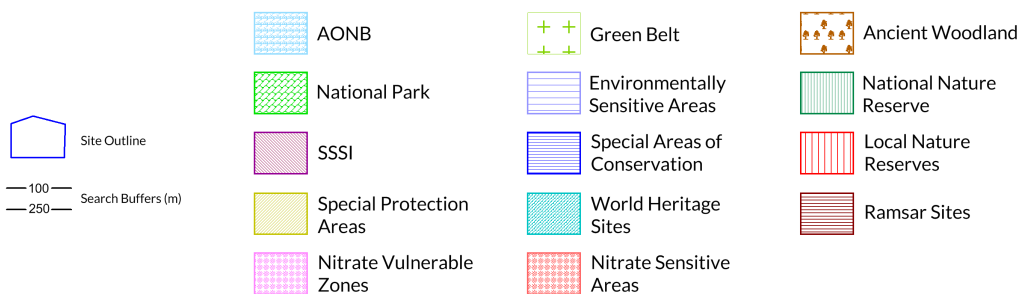
Notes: Groundwater flooding is defined as the emergence of groundwater at the ground surface or the rising of groundwater into man-made ground under conditions where the normal range of groundwater levels is exceeded.

The confidence rating is on a threefold scale - Low, Moderate and High. This provides a relative indication of the BGS confidence in the accuracy of the susceptibility result for groundwater flooding. This is based on the amount and precision of the information used in the assessment. In areas with a relatively lower level of confidence the susceptibility result should be treated with more caution. In other areas with higher levels of confidence the susceptibility result can be used with more confidence.

8. Designated Environmentally Sensitive Sites Map



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8. Designated Environmentally Sensitive Sites

Designated Environmentally Sensitive Sites within 2000m of the study site

Identified

8.1 Records of Sites of Special Scientific Interest (SSSI) within 2000m of the study site:

17

The following Site of Special Scientific Interest (SSSI) records provided by Natural England/Natural Resources Wales are represented as polygons on the Designated Environmentally Sensitive Sites Map:

ID	Distance (m)	Direction	SSSI Name	Data Source
9A	0	On Site	Cotswold Commons and Beechwoods	Natural England
10B	0	On Site	Cotswold Commons and Beechwoods	Natural England
11	0	On Site	Bushley Muzzard, Brimpsfield	Natural England
12C	0	On Site	Cotswold Commons and Beechwoods	Natural England
13	397	N	Knap House Quarry, Birdlip	Natural England
14	762	E	Cockleford Marsh	Natural England
15D	900	W	Cotswold Commons and Beechwoods	Natural England
16E	979	N	Crickley Hill and Barrow Wake	Natural England
17E	1095	N	Crickley Hill and Barrow Wake	Natural England
Not shown	1367	W	Cotswold Commons and Beechwoods	Natural England
Not shown	1444	W	Cotswold Commons and Beechwoods	Natural England
20F	1495	SW	Cotswold Commons and Beechwoods	Natural England
Not shown	1726	SW	Cotswold Commons and Beechwoods	Natural England
Not shown	1729	N	Crickley Hill and Barrow Wake	Natural England
Not shown	1835	SW	Cotswold Commons and Beechwoods	Natural England
Not shown	1895	SW	Cotswold Commons and Beechwoods	Natural England
Not shown	1958	W	Cotswold Commons and Beechwoods	Natural England

8.2 Records of National Nature Reserves (NNR) within 2000m of the study site:

8

The following National Nature Reserve (NNR) records provided by Natural England/Natural Resources Wales are represented as polygons on the Designated Environmentally Sensitive Sites Map:

ID	Distance (m)	Direction	NNR Name	Data Source
26	1146	W	Cotswold Commons and Beechwoods	Natural England
Not shown	1417	W	Cotswold Commons and Beechwoods	Natural England
28F	1495	SW	Cotswold Commons and Beechwoods	Natural England
Not shown	1625	SW	Cotswold Commons and Beechwoods	Natural England
Not shown	1645	SW	Cotswold Commons and Beechwoods	Natural England
Not shown	1726	SW	Cotswold Commons and Beechwoods	Natural England
Not shown	1835	SW	Cotswold Commons and Beechwoods	Natural England
Not shown	1895	SW	Cotswold Commons and Beechwoods	Natural England

8.3 Records of Special Areas of Conservation (SAC) within 2000m of the study site:

8

The following Special Area of Conservation (SAC) records provided by Natural England/Natural Resources Wales are represented as polygons on the Designated Environmentally Sensitive Sites Map:

ID	Distance (m)	Direction	SAC Name	Data Source
1C	0	On Site	Cotswold Beechwoods	Natural England
2A	0	On Site	Cotswold Beechwoods	Natural England
3B	0	On Site	Cotswold Beechwoods	Natural England
4D	900	W	Cotswold Beechwoods	Natural England
Not shown	1367	W	Cotswold Beechwoods	Natural England
Not shown	1444	W	Cotswold Beechwoods	Natural England
7F	1495	SW	Cotswold Beechwoods	Natural England
Not shown	1958	W	Cotswold Beechwoods	Natural England

8.4 Records of Special Protection Areas (SPA) within 2000m of the study site:

0

Database searched and no data found.

8.5 Records of Ramsar sites within 2000m of the study site:

0

Database searched and no data found.

8.6 Records of Ancient Woodland within 2000m of the study site:

41

The following records of Designated Ancient Woodland provided by Natural England/Natural Resources Wales are represented as polygons on the Designated Environmentally Sensitive Sites Map:

ID	Distance (m)	Direction	Ancient Woodland Name	Data Source
48	0	On Site	WITCOMBE/ BUCKLE WOODS	Ancient and Semi-Natural Woodland
49	0	On Site	WITCOMBE/ BUCKLE WOODS	Ancient Replanted Woodland
50	0	On Site	HAWCOTE HILL WOOD	Ancient and Semi-Natural Woodland
51	0	On Site	POSTON/SYDE/OSTRICH WOODS	Ancient Replanted Woodland
52	0	On Site	POSTON/SYDE/OSTRICH WOODS	Ancient and Semi-Natural Woodland
53	0	On Site	POSTON/SYDE/OSTRICH WOODS	Ancient Replanted Woodland
54	0	On Site	POSTON/SYDE/OSTRICH WOODS	Ancient Replanted Woodland
55	0	On Site	POSTON/SYDE/OSTRICH WOODS	Ancient and Semi-Natural Woodland
56	0	On Site	POSTON/SYDE/OSTRICH WOODS	Ancient Replanted Woodland
57	0	On Site	POSTON/SYDE/OSTRICH WOODS	Ancient Replanted Woodland
58	0	On Site	POSTON/SYDE/OSTRICH WOODS	Ancient and Semi-Natural Woodland
59	0	On Site	PARK WOOD	Ancient Replanted Woodland
60	0	On Site	PARK WOOD	Ancient and Semi-Natural Woodland
61	0	On Site	EDDINGTON WOOD	Ancient Replanted Woodland
62	0	On Site	COWLEY/WARDS WOODS	Ancient and Semi-Natural Woodland
63	0	On Site	COWLEY/WARDS WOODS	Ancient Replanted Woodland
64	60	SW	EDDINGTON WOOD	Ancient and Semi-Natural Woodland
65	116	S	POSTON/SYDE/OSTRICH WOODS	Ancient and Semi-Natural Woodland
66	119	SW	HAZEL HANGER WOOD	Ancient Replanted Woodland
67	183	S	EDDINGTON WOOD	Ancient Replanted Woodland
68	229	SW	UNKNOWN	Ancient and Semi-Natural Woodland
69	368	S	HAZEL HANGER WOOD	Ancient and Semi-Natural Woodland
70	385	S	EDDINGTON WOOD	Ancient and Semi-Natural Woodland
71	599	S	HARCOMBE WOOD	Ancient and Semi-Natural Woodland
72	720	S	SYDE WOOD	Ancient Replanted Woodland
73	919	S	CLIMPERWELL WOOD	Ancient Replanted Woodland
74	1026	S	CLIMPERWELL WOOD	Ancient and Semi-Natural Woodland
75	1055	S	UNKNOWN	Ancient and Semi-Natural Woodland
76	1127	S	WINSTONE/CALLEY WOODS	Ancient and Semi-Natural Woodland
77	1313	SW	BARN WOOD	Ancient and Semi-Natural Woodland
78H	1535	SW	FISHCOMBE BANK	Ancient and Semi-Natural Woodland
Not shown	1581	N	ULLEN WOOD	Ancient and Semi-Natural Woodland

ID	Distance (m)	Direction	Ancient Woodland Name	Data Source
80	1624	SW	WORKMANS WOOD	Ancient Replanted Woodland
Not shown	1679	SE	POWERS WOOD	Ancient and Semi-Natural Woodland
82H	1716	SW	FISHCOMBE BANK	Ancient Replanted Woodland
83	1720	SW	WORKMANS WOOD	Ancient and Semi-Natural Woodland
Not shown	1725	E	HALLS GROVE	Ancient Replanted Woodland
Not shown	1859	SE	POWERS WOOD	Ancient Replanted Woodland
Not shown	1885	SE	POWERS WOOD	Ancient Replanted Woodland
87	1952	SW	WORKMANS WOOD	Ancient Replanted Woodland
Not shown	1967	E	HALLS GROVE	Ancient and Semi-Natural Woodland

8.7 Records of Local Nature Reserves (LNR) within 2000m of the study site:

1

The following Local Nature Reserve (LNR) records provided by Natural England/Natural Resources Wales are represented as polygons on the Designated Environmentally Sensitive Sites Map:

ID	Distance (m)	Direction	LNR Name	Data Source
Not shown	1932	W	Coopers Hill, Gloucester	Natural England

8.8 Records of World Heritage Sites within 2000m of the study site:

0

Database searched and no data found.

8.9 Records of Environmentally Sensitive Areas within 2000m of the study site:

4

The following Environmentally Sensitive Area records produced by DEFRA are represented as polygons on the Designated Environmentally Sensitive Sites Map:

ID	Distance (m)	Direction	ESA Name	Data Source
44	0	On Site	Cotswold Hills	Natural England
45	567	E	Cotswold Hills	Natural England
46	1143	N	Cotswold Hills	Natural England
47	1324	NE	Cotswold Hills	Natural England

8.10 Records of Areas of Outstanding Natural Beauty (AONB) within 2000m of the study site:

3

The following Area of Outstanding Natural Beauty (AONB) records provided by Natural England/Natural Resources Wales are represented as polygons on the Designated Environmentally Sensitive Sites Map:

ID	Distance (m)	Direction	AONB/NSA Name	Data Source
41	0	On Site	Cotswolds	Natural England
Not shown	1339	W	Cotswolds	Natural England
43G	1399	S	Cotswolds	Natural England

8.11 Records of National Parks (NP) within 2000m of the study site:

0

Database searched and no data found.

8.12 Records of Nitrate Sensitive Areas within 2000m of the study site:

0

Database searched and no data found.

8.13 Records of Nitrate Vulnerable Zones within 2000m of the study site:

6

The following Nitrate Vulnerable Zone records produced by DEFRA are represented as polygons on the Designated Environmentally Sensitive Sites Map:

ID	Distance (m)	Direction	NVZ Name	Data Source
35	0	On Site	Existing	DEFRA
36	0	On Site	Existing	DEFRA
37G	1399	S	Existing	DEFRA
Not shown	1444	W	Existing	DEFRA
39	1523	S	Existing	DEFRA
Not shown	1926	N	Existing	DEFRA

8.14 Records of Green Belt land within 2000m of the study site:

3

Green Belt data contains Ordnance Survey data © Crown copyright and database right [2015].

ID	Distance	Direction	Green Belt Name	Local Authority Name
Not shown	1627	N	Gloucester Green Belt	Tewkesbury
Not shown	1864	N	Gloucester Greenbelt	Cotswold District
Not shown	1967	N	Gloucester Green Belt	Tewkesbury

9. Natural Hazards Findings

9.1 Detailed BGS GeoSure Data

BGS GeoSure Data has been searched to 50m. The data is included in tabular format. If you require further information on geology and ground stability, please obtain a **Groundsure Geo Insight**, available from our **website**. The following information has been found:

9.1.1 Shrink Swell

Maximum Shrink-Swell** hazard rating identified on the study site Low

The following natural subsidence information provided by the British Geological Survey is not represented on mapping:

Hazard
Ground conditions predominantly medium plasticity. Do not plant trees with high soil moisture demands near to buildings. For new build, consideration should be given to advice published by the National House Building Council (NHBC) and the Building Research Establishment (BRE). There is a possible increase in construction cost to reduce potential shrink-swell problems. For existing property, there is a possible increase in insurance risk, especially during droughts or where vegetation with high moisture demands is present.

9.1.2 Landslides

Maximum Landslide* hazard rating identified on the study site High

The following natural subsidence information provided by the British Geological Survey is not represented on mapping:

Hazard
Very significant potential for slope instability. Active or inactive landslides may be present; Seek expert advice about stability of the ground and the management of ground stability. For new build slope stability assessment necessary, special design may be necessary, construction may not be possible. For existing property significant increase in insurance risk in some cases. Site-specific consideration is necessary to separate cases where landslides are artificially or naturally stabilised from those that may be active or may fail.

9.1.3 Soluble Rocks

Maximum Soluble Rocks* hazard rating identified on the study site Low

The following natural subsidence information provided by the British Geological Survey is not represented on mapping:

Hazard
Significant soluble rocks are present. Low possibility of subsidence occurring naturally, but may be possible in adverse conditions such as high surface or subsurface water flow. Consider implications for stability when changes to drainage or new construction are planned. For new build site investigation should consider potential for dissolution problems on the site and its surroundings. Care should be taken with local drainage into the bedrock. Some possibility groundwater pollution. For existing property possible increase in insurance risk due to

* This indicates an automatically generated 50m buffer and site.

Hazard

soluble rocks.

9.1.4 Compressible Ground

Maximum Compressible Ground* hazard rating identified on the study site

Moderate

The following natural subsidence information provided by the British Geological Survey is not represented on mapping:

Hazard

Significant potential for compressibility problems. Avoid large differential loadings of ground. Do not drain or de-water ground near the property without technical advice. For new build consider possibility of compressible ground in ground investigation, construction and building design. Consider effects of groundwater changes. Extra construction costs are likely. For existing property possible increase in insurance risk from compressibility, especially if water conditions or loading of the ground change significantly.

9.1.5 Collapsible Rocks

Maximum Collapsible Rocks* hazard rating identified on the study site

Very Low

The following natural subsidence information provided by the British Geological Survey is not represented on mapping:

Hazard

Deposits with potential to collapse when loaded and saturated are unlikely to be present. No special ground investigation required or increased construction costs or increased financial risk due to potential problems with collapsible deposits.

9.1.6 Running Sand

Maximum Running Sand** hazard rating identified on the study site

Low

The following natural subsidence information provided by the British Geological Survey is not represented on mapping:

Hazard

Possibility of running sand problems after major changes in ground conditions. Normal maintenance to avoid leakage of water-bearing services or water bodies (ponds, swimming pools) should reduce likelihood of problems due to running sand. For new build consider possibility of running sand into trenches or excavations if water table is high or sandy strata are exposed to water. Avoid concentrated water inputs to site. Unlikely to be an increase in construction costs due to potential for running sand. For existing property no significant increase in insurance risk due to running sand problems is likely.

* This indicates an automatically generated 50m buffer and site.

9.2 Radon

9.2.1 Radon Affected Areas

Is the property in a Radon Affected Area as defined by the Health Protection Agency (HPA) and if so what percentage of homes are above the Action Level? The site is in a Radon Affected Area, as between 10 and 30% of properties are above the Action Level.

The radon data in this report is supplied by the BGS/Public Health England and is the definitive map of Radon Affected Areas in Great Britain and Northern Ireland. The dataset was created using long-term radon measurements in over 479,000 homes across Great Britain and 23,000 homes across Northern Ireland, combined with geological data. The dataset is considered accurate to 50m to allow for the margin of error in geological lines, and the findings of this report supercede any answer given in the less accurate Indicative Atlas of Radon in Great Britain, which simplifies the data to give the highest risk within any given 1km grid square. As such, the radon atlas is considered indicative, whereas the data given in this report is considered definitive.

9.2.2 Radon Protection

Is the property in an area where Radon Protection are required for new properties or extensions to existing ones as described in publication BR211 by the Building Research Establishment? Full radon protective measures are necessary.

10. Mining

10.1 Coal Mining

Coal mining areas within 75m of the study site

None identified

Database searched and no data found.

10.2 Non-Coal Mining

Non-Coal Mining areas within 50m of the study site boundary

Identified

The following non-coal mining information is provided by the BGS:

Distance (m)	Direction	Name	Commodity	Assessment of likelihood
0.0	On Site	Birdlip	Limestone - Bath Stone	Underground mining is known or considered likely to have occurred within or close to the area. Potential for difficult ground conditions are at a level where they should be considered

Past underground mine workings are probable. These are areas known or suspected to contain underground mining for minerals and/or other materials. In the case of mineral veins these are areas within 500m of mapped mineral veins within which it is likely that mining activities may have occurred and subsidiary veins explored and exploited. It should be noted, however, that there is always the possibility of the existence of other sub-surface excavations, such as wells, cess pits, follies, air raid shelters/bunkers and other military structures etc. that could affect surface ground stability but which are outside the scope of this dataset. However, if in a coalfield area you should still consider a Coal Authority mining search for the area of interest.

10.3 Brine Affected Areas

Brine affected areas within 75m of the study site

None identified

Guidance: No Guidance Required.

Contact Details

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info@groundsure.com

British Geological Survey Enquiries

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Keyworth, Nottingham NG12 5GG
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Fax: 0115 936 3276.
Email:

Web: www.bgs.ac.uk

BGS Geological Hazards Reports and general geological enquiries:
enquiries@bgs.ac.uk

Environment Agency

National Customer Contact Centre, PO Box 544
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Tel: 03708 506 506

Web: www.environment-agency.gov.uk

Email: enquiries@environment-agency.gov.uk

Public Health England

Public information access office
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133-155 Waterloo Road, London, SE1 8UG
www.gov.uk/phe

Email: enquiries@phe.gov.uk
Main switchboard: 020 7654 8000

The Coal Authority

200 Lichfield Lane
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Tel: 0345 7626 848
DX 716176 Mansfield 5
www.coal.gov.uk

Ordnance Survey

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Tel: 08456 050505

Local Authority

Authority: Cotswold District Council
Phone: 01285 623 000
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Public Health
England



The Coal
Authority



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