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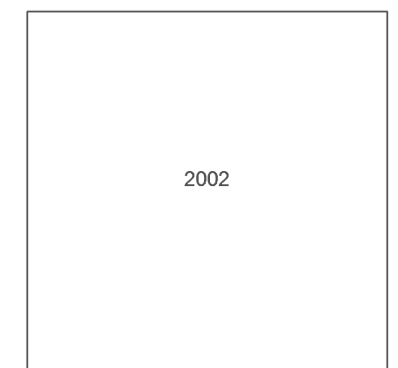
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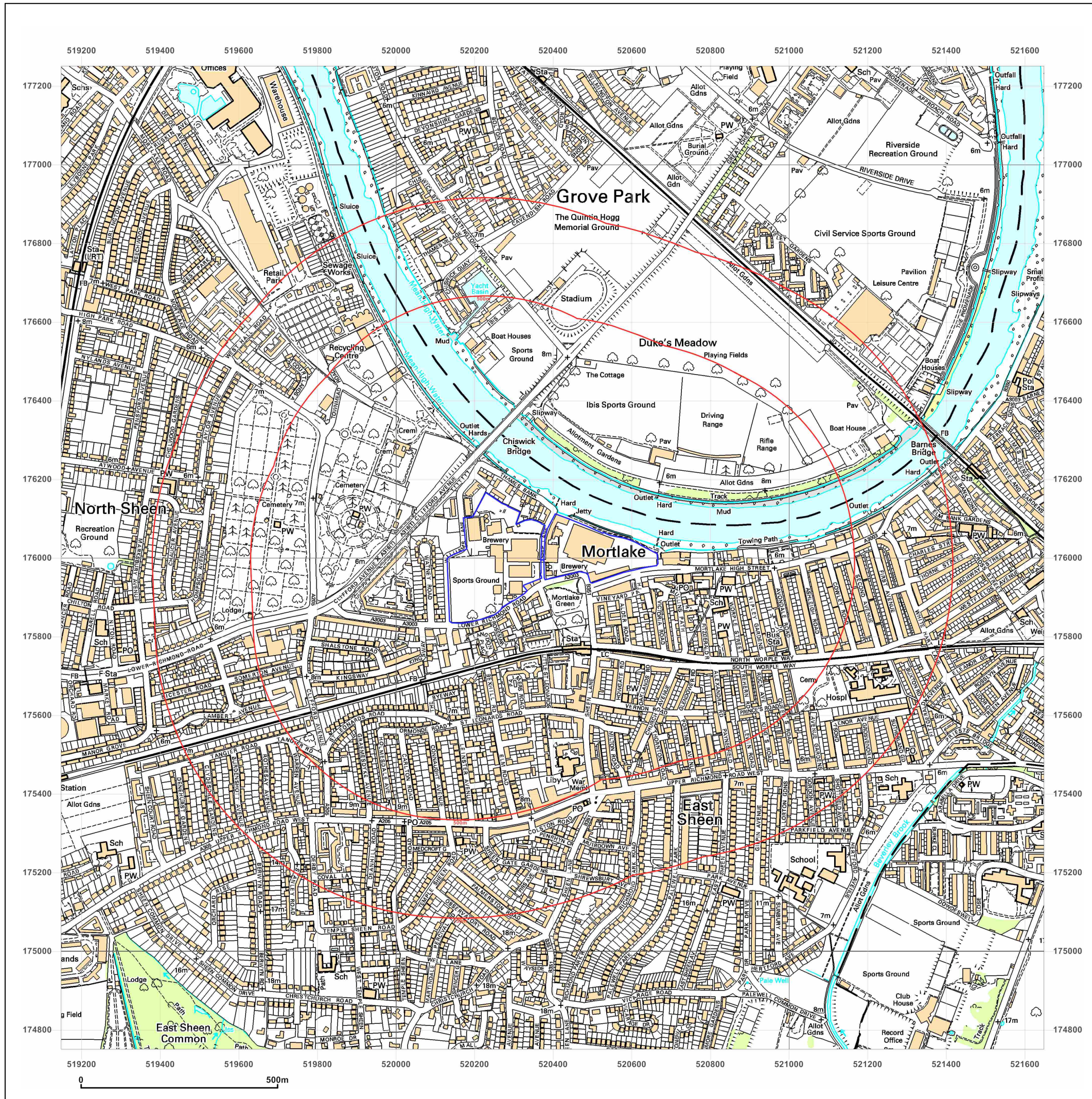
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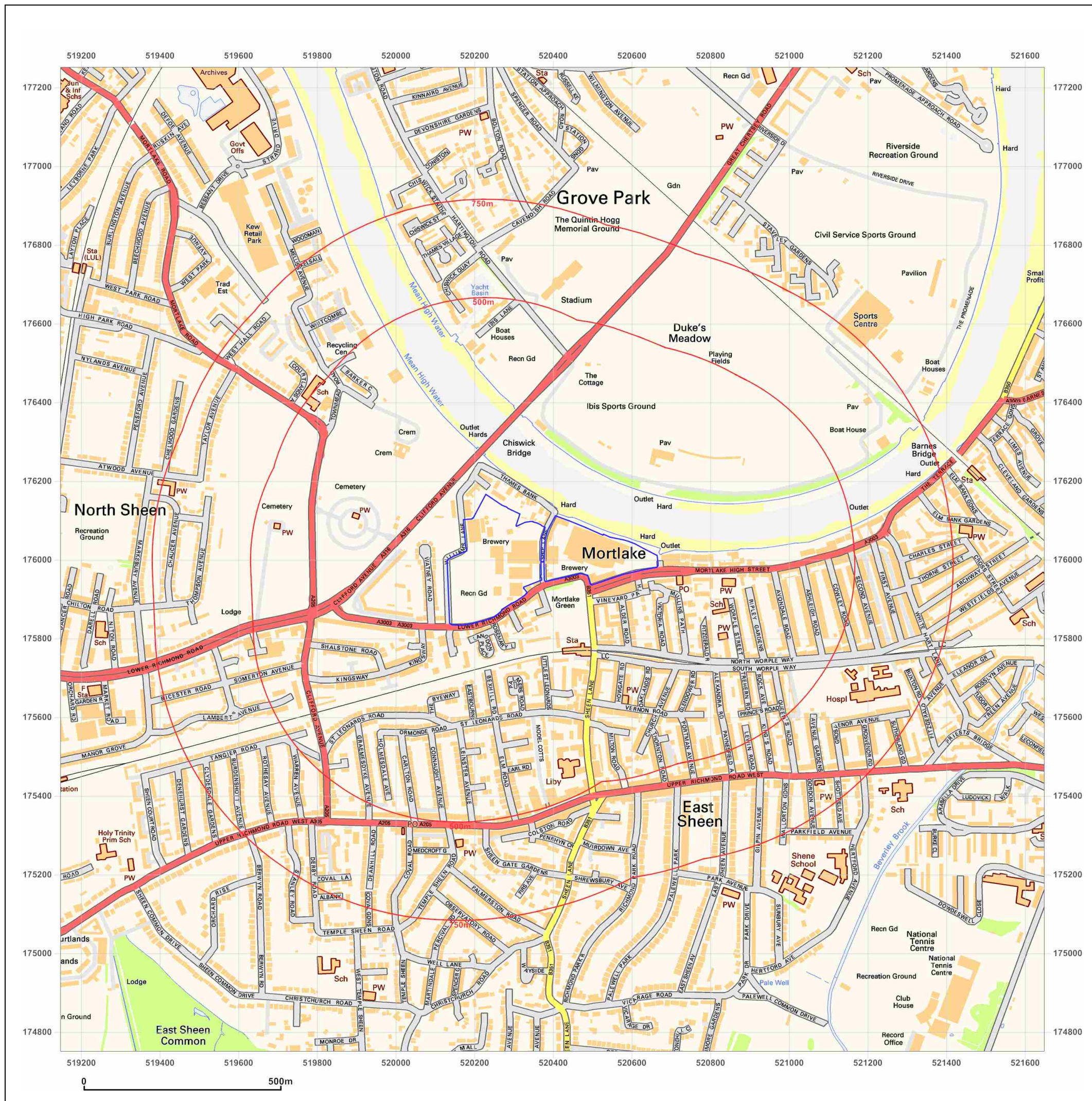
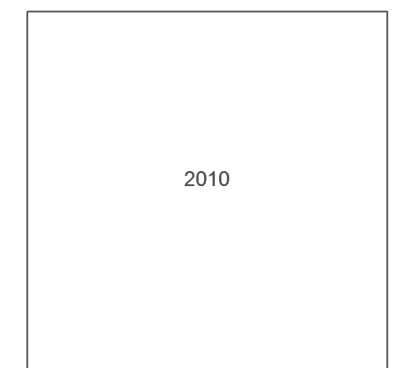
**Client Ref:** WIE15582\_Stag\_Brewery\_REQ99015  
**Report Ref:** WTM1-6181570  
**Grid Ref:** 520398, 176001

**Map Name:** National Grid

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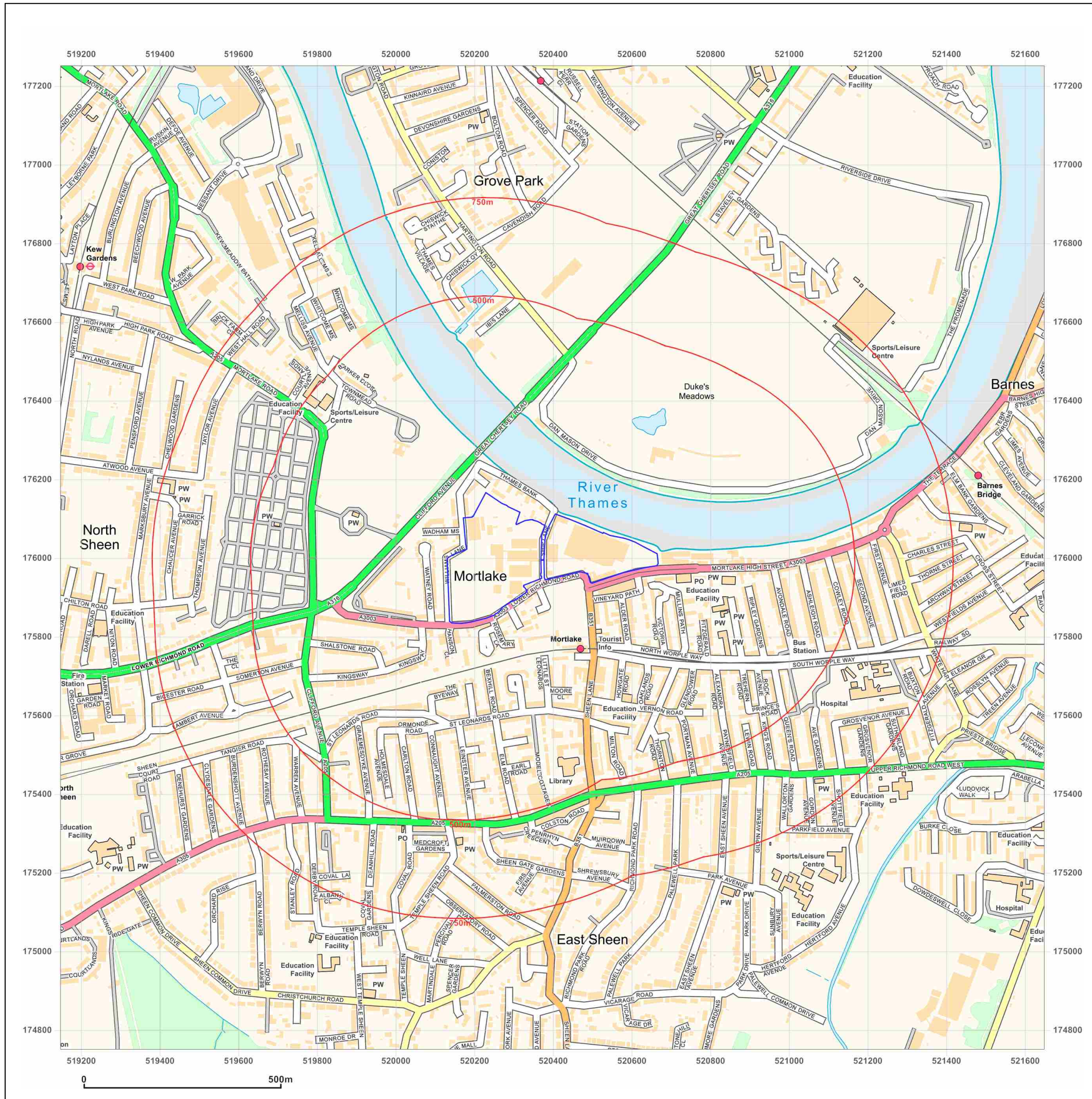
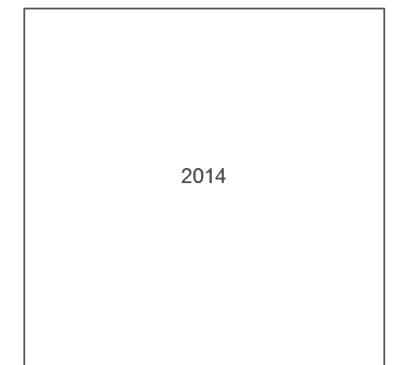
**Client Ref:** WIE15582\_Stag\_Brewery\_REQ99015  
**Report Ref:** WTM1-6181570  
**Grid Ref:** 520398, 176001

**Map Name:** National Grid

**Map date:** 2014

**Scale:** 1:10,000

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Waterman Infrastructure & Environment  
Limited

PICKFORDS WHARF WATERMAN GROUP,  
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Groundsure Reference: WTM1-6181568

Your Reference: WIE15582\_Stag\_Brewery\_REQ99015

Report Date 18 Jul 2019

Report Delivery Method: Email - pdf

## Enviro Insight

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If you need any further assistance, please do not hesitate to contact our helpline on 08444 159 000, queries: [info@groundsure.com](mailto:info@groundsure.com) quoting the above report reference number

Yours faithfully,

Waterman

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# Enviro Insight

**Address:** THE STAG BREWERY, LOWER RICHMOND ROAD, MORTLAKE, LONDON, SW14 7QR  
**Date:** 18 Jul 2019  
**Reference:** WTM1-6181568  
**Client:** Waterman Infrastructure & Environment Limited

NW

N

NE

W

E



SW

S

SE

**Aerial Photograph Capture date:** 20-Apr-2015  
**Grid Reference:** 520394,176013  
**Site Size:** 8.5095ha

**Report Reference:** WTM1-6181568  
**Client Reference:** WIE15582\_Stag\_Brewery\_REQ99015

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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.

<b>Section 1: Historical Industrial Sites</b>	On-site	0-50	51-250	251-500
1.1 Potentially Contaminative Uses identified from 1:10,000 scale mapping	28	0	45	102
1.2 Additional Information – Historical Tank Database	40	1	4	4
1.3 Additional Information – Historical Energy Features Database	1	3	25	51
1.4 Additional Information – Historical Petrol and Fuel Site Database	0	0	0	2
1.5 Additional Information – Historical Garage and Motor Vehicle Repair Database	1	1	12	22
1.6 Historical military sites	0	0	0	0
1.7 Potentially Infilled Land	0	0	16	60
<b>Section 2: Environmental Permits, Incidents and Registers</b>	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	1	0	0	0
2.1.2 Records of Part A(1) and IPPC Authorised Activities	2	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	4	2
2.1.7 Records of Category 3 or 4 Radioactive Substances Authorisations	0	0	0	0
2.1.8 Records of Licensed Discharge Consents	0	0	2	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	0	0	0	2
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
<b>3.1 Landfill Sites</b>						
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	2	3	0	2
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
<b>3.2 Landfill and Other Waste Sites Findings</b>						
3.2.1 Operational and Non-Operational Waste Treatment, Transfer and Disposal Sites	0	6	0	6	Not searched	Not searched
3.2.2 Environment Agency/Natural Resources Wales Licensed Waste Sites	0	0	0	6	1	0

Section 4: Current Land Use	On-site	0-50m	51-250	251-500
4.1 Current Industrial Sites Data	12	7	17	Not searched
4.2 Records of Petrol and Fuel Sites	0	0	1	2
4.3 National Grid Underground Electricity Cables	3	3	6	6
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	1	0	1	5
6.4 Surface Water Abstraction Licences (within 2000m of the study site)	0	0	0	0	0	0
6.5 Potable Water Abstraction Licences (within 2000m of the study site)	0	0	0	0	0	0
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)	1	0	2	0	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	No
6.10 Ordnance Survey MasterMap Water Network entries within 500m of the site	2	2	6	0	Not searched	Not searched
6.11 Surface water features within 250m of the study site	No	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	Identified
7.5 Areas benefiting from Flood Defences within 250m of the study site	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	Moderate

## 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	0	0	0	0	2
8.2 Records of National Nature Reserves (NNR)	0	0	0	0	0	2
8.3 Records of Special Areas of Conservation (SAC)	0	0	0	0	0	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	0	0	0	0	0
8.7 Records of Local Nature Reserves (LNR)	0	0	0	0	1	9
8.8 Records of World Heritage Sites	0	0	0	0	0	2
8.9 Records of Environmentally Sensitive Areas	0	0	0	0	0	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)	0	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	0	0	0	0	1	1
8.14 Records of Green Belt land	0	0	0	0	0	0

## Section 9: Natural Hazards

9.1 Maximum risk of natural ground subsidence	High
9.1.1 Maximum Shrink-Swell hazard rating identified on the study site	Moderate
9.1.2 Maximum Landslides hazard rating identified on the study site	Low
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	High
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 not in a Radon Affected Area, as less than 1% 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?	No 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.

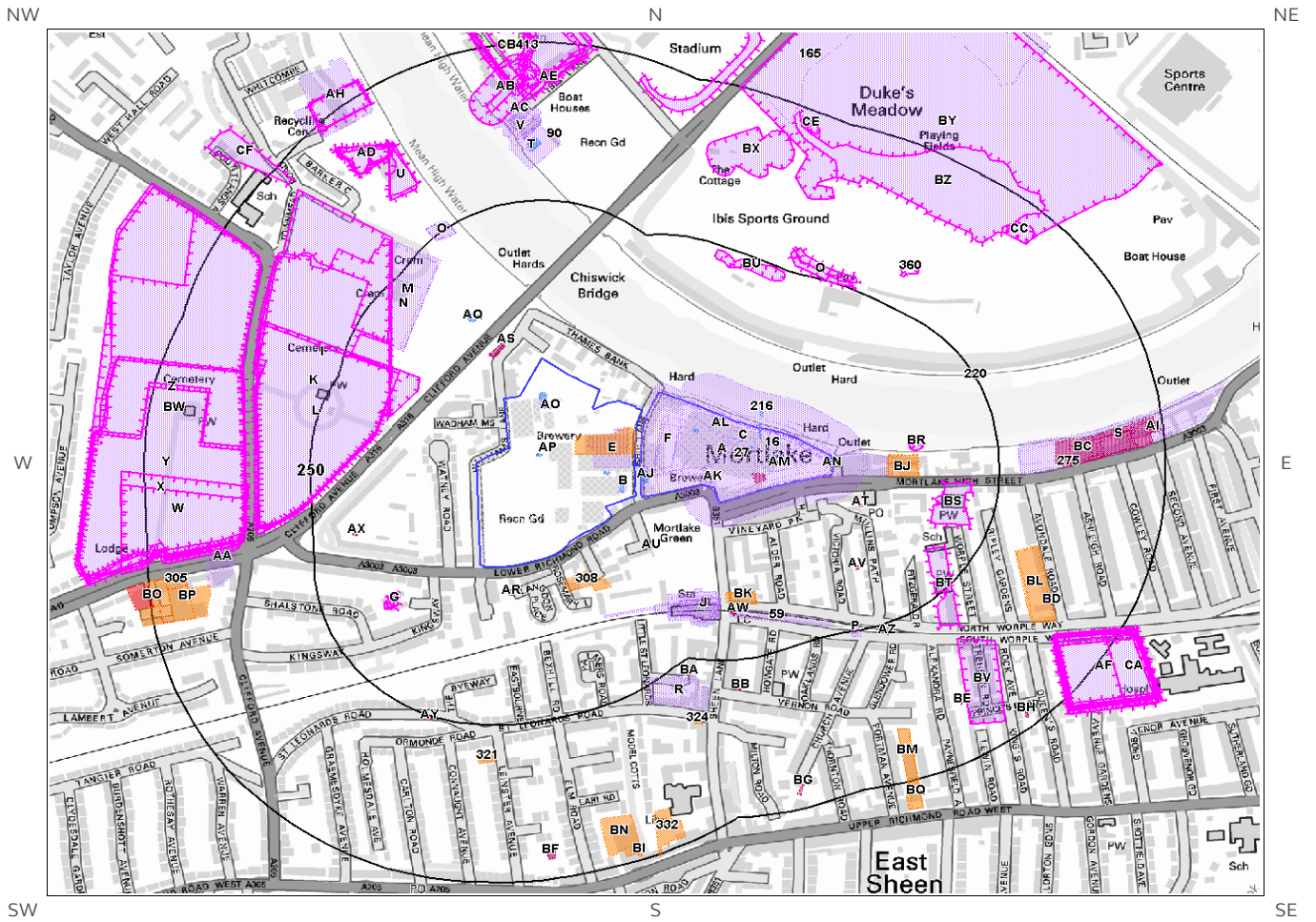
### Note: Maps

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).

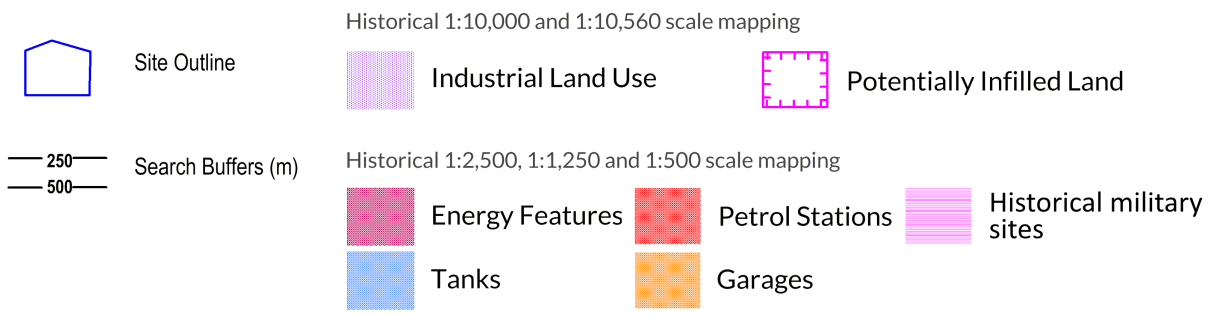
Where a feature is reported in the data tables to a distance greater than the map area, it is noted in the data table as "Not Shown".

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: 175

ID	Distance [m]	Direction	Use	Date
1AM	0	On Site	Brewery	1894
2A	0	On Site	Brewery	1962
3A	0	On Site	Brewery	1987
4A	0	On Site	Brewery	1974
5A	0	On Site	Brewery	1967
6B	0	On Site	Unspecified Tanks	1974
7B	0	On Site	Unspecified Tanks	1987
8C	0	On Site	Brewery	1933
9C	0	On Site	Brewery	1910
10AJ	0	On Site	Unspecified Tanks	1987
11AN	0	On Site	Malthouse	1866
12D	0	On Site	Railway Sidings	1938
13D	0	On Site	Railway Sidings	1920
14F	0	On Site	Brewery	1893
15E	0	On Site	Brewery	1974
16	0	On Site	Brewery	1866
17D	0	On Site	Railway Sidings	1910
18A	0	On Site	Railway Sidings	1920
19A	0	On Site	Railway Sidings	1938
20E	0	On Site	Brewery	1987
21AL	0	On Site	Railway Sidings	1910
22C	0	On Site	Brewery	1958
23C	0	On Site	Brewery	1947
24C	0	On Site	Brewery	1938
25C	0	On Site	Brewery	1920
26A	0	On Site	Brewery	1933
27	0	On Site	Brewery	1898
28F	0	On Site	Brewery	1911
29BR	118	E	Unspecified Wharf	1967
30H	121	SE	Railway Station	1911
31L	129	W	Cemetery	1933
32G	135	W	Unspecified Pit	1893
33G	138	SW	Unspecified Pit	1911
34H	139	S	Railway Station	1910

35H	139	S	Railway Station	1933
36H	140	S	Railway Station	1947
37G	142	SW	Unspecified Pit	1894
38H	146	S	Railway Station	1933
39J	149	S	Railway Station	1893
40I	150	NW	Cemetery	1961
41I	150	NW	Cemetery	1987
42H	150	S	Railway Station	1958
43H	150	S	Railway Station	1962
44J	152	S	Railway Station	1866
45K	153	NW	Cemetery	1948
46K	153	NW	Cemetery	1948
47J	155	S	Railway Station	1974
48J	155	S	Railway Station	1967
49J	155	S	Railway Station	1987
50J	157	S	Railway Station	1898
51J	157	S	Railway Station	1938
52J	157	S	Railway Station	1920
53J	158	S	Railway Station	1894
54K	158	W	Cemetery	1974
55K	158	W	Cemetery	1966
56L	159	W	Cemetery	1933
57BS	160	E	Grave Yard	1866
58M	168	NW	Crematorium	1962
59	168	S	Railway Buildings	1987
60AW	170	S	Railway Building	1893
61M	170	NW	Crematorium	1947
62M	170	NW	Crematorium	1967
63M	170	NW	Crematorium	1958
64N	175	NW	Crematorium	1987
65N	175	NW	Crematorium	1974
66BT	187	SE	Gravel Pit	1866
67BU	222	N	Unspecified Heaps	1947
68O	235	NW	Boat Houses	1962
69O	236	NW	Boat Houses	1967
70O	238	NW	Boat Houses	1958
71R	239	SE	Unspecified Works	1962
72P	241	S	Railway Building	1987
73Q	250	N	Unspecified Ground Workings	1894
74P	252	S	Railway Building	1920
75P	252	S	Railway Building	1938
76Q	257	N	Unspecified Ground Workings	1893
77R	259	SE	Unspecified Works	1958
78BC	279	E	Unspecified Works	1962



79S	280	E	Unspecified Works	1958
80S	281	E	Unspecified Commercial/Industrial	1933
81V	299	N	Boat House	1938
82BV	322	SE	Burial Ground	1866
83T	327	N	Boat Houses	1962
84U	329	NW	Unspecified Ground Workings	1962
85T	330	N	Boat Houses	1967
86T	330	N	Boat Houses	1974
87T	332	N	Boat Houses	1987
88U	334	NW	Unspecified Heaps	1958
89V	337	N	Boat Houses	1893
90	340	N	Boat Houses	1987
91W	344	W	Cemetery	1910
92W	347	W	Cemetery	1920
93W	347	W	Cemetery	1938
94BW	347	W	Cemetery	1966
95Z	347	W	Cemetery	1987
96Y	347	W	Cemetery	1961
97V	347	N	Boat House	1920
98V	347	N	Boat House	1938
99X	348	W	Cemetery	1933
100X	348	W	Cemetery	1933
101Y	348	W	Cemetery	1948
102Y	348	W	Cemetery	1948
103V	348	N	Boat Houses	1962
104Z	349	W	Cemetery	1974
105V	349	N	Boat Houses	1898
106V	349	N	Boat Houses	1894
107V	352	N	Boat House	1967
108V	352	N	Boat House	1987
109V	352	N	Boat House	1974
110V	355	N	Boat House	1947
111V	355	N	Boat Houses	1958
112V	355	N	Boat House	1933
113BX	356	N	Unspecified Heaps	1947
114V	357	N	Boat Houses	1911
115V	363	N	Boat House	1920
116S	364	E	Electricity Works	1920
117V	366	N	Boat House	1910
118V	366	N	Boat House	1933
119S	367	E	Electricity Works	1910
120AA	367	W	Fire Clay Works	1910
121V	368	N	Boat Houses	1898
122BY	369	NE	Gravel and Ballast Works	1947

123V	371	N	Boat House	1938
124V	372	N	Boat House	1933
125AA	372	W	Fire Clay Works	1920
126V	376	N	Boat Houses	1911
127AB	377	N	Dock	1958
128AB	377	N	Dock	1967
129AC	382	N	Boat House	1933
130AC	382	N	Boat House	1910
131AD	392	NW	Unspecified Pit	1933
132AD	392	NW	Refuse Heap	1961
133AD	393	NW	Refuse Heap	1933
134AD	395	NW	Refuse Heap	1948
135AD	395	NW	Refuse Heap	1948
136AB	397	N	Dock	1962
137BZ	404	NE	Refuse Heap	1947
138AE	411	N	Unspecified Ground Workings	1938
139AE	411	N	Unspecified Ground Workings	1920
140AG	418	N	Unspecified Ground Workings	1933
141AF	421	SE	Cemetery	1911
142AF	422	SE	Cemetery	1947
143AF	422	SE	Cemetery	1958
144AF	423	SE	Cemetery	1893
145AF	423	SE	Cemetery	1933
146AF	423	SE	Cemetery	1894
147AF	423	SE	Cemetery	1910
148AF	425	SE	Cemetery	1933
149AF	426	SE	Cemetery	1898
150AF	429	SE	Cemetery	1962
151AF	431	SE	Cemetery	1938
152AF	431	SE	Cemetery	1920
153AG	431	N	Unspecified Pit	1910
154AG	431	N	Unspecified Pit	1933
155AF	437	SE	Cemetery	1967
156AF	437	SE	Cemetery	1974
157AF	437	SE	Cemetery	1987
158CC	438	NE	Unspecified Heap	1947
159CD	439	NE	Unspecified Ground Workings	1962
160S	448	E	Fire Engine Station	1910
161AH	465	NW	Unspecified Commercial/Industrial	1966
162CE	466	N	Unspecified Heap	1947
163CF	468	NW	Unspecified Heap	1910
164AH	468	NW	Unspecified Depot	1987

165	469	N	Railway Sidings	1947
166AI	471	E	Fire Engine Station	1958
167AI	472	E	Fire Engine Station	1962
168AH	478	NW	Refuse Destructor	1933
169AH	478	NW	Refuse Destructor	1933
170AH	480	NW	Unspecified Works	1961
171AH	481	NW	Corporation Refuse Destructor	1948
172AH	481	NW	Works	1948
173CA	483	SE	Cemetery	1866
174AI	491	E	Fire Engine Station	1920
175AI	491	E	Fire Engine Station	1938

## 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:

49

ID	Distance (m)	Direction	Use	Date
176AJ	0	On Site	Tanks	1991
177AK	0	On Site	Unspecified Tank	1991
178B	0	On Site	Tanks	1991
179B	0	On Site	Tanks	1995
180AK	0	On Site	Unspecified Tank	1995
181B	0	On Site	Tanks	1995
182B	0	On Site	Tanks	1991
183AJ	0	On Site	Tanks	1987
184AJ	0	On Site	Tanks	1991
185AL	0	On Site	Unspecified Tank	1869
186B	0	On Site	Tanks	1995
187AK	0	On Site	Unspecified Tank	1991
188AK	0	On Site	Unspecified Tank	1992
189AK	0	On Site	Unspecified Tank	1995
190B	0	On Site	Tanks	1991
191B	0	On Site	Tanks	1987
192AL	0	On Site	Unspecified Tank	1951
193C	0	On Site	Unspecified Tank	1940
194AL	0	On Site	Unspecified Tank	1951
195AM	0	On Site	Unspecified Tank	1951
196AM	0	On Site	Unspecified Tank	1951
197AN	0	On Site	Unspecified Tank	1869
198AK	0	On Site	Unspecified Tank	1965

199AO	0	On Site	Unspecified Tank	1992
200AO	0	On Site	Unspecified Tank	1992
201AO	0	On Site	Unspecified Tank	1992
202AP	0	On Site	Unspecified Tank	1992
203AP	0	On Site	Tanks	1992
204AM	0	On Site	Unspecified Tank	1991
205B	0	On Site	Tanks	1987
206B	0	On Site	Tanks	1991
207AO	0	On Site	Unspecified Tank	1991
208AO	0	On Site	Unspecified Tank	1991
209AP	0	On Site	Unspecified Tank	1991
210AP	0	On Site	Tanks	1991
211AO	0	On Site	Unspecified Tank	1992
212AJ	0	On Site	Tanks	1951
213AL	0	On Site	Unspecified Tank	1869
214AL	0	On Site	Unspecified Tank	1973
215C	0	On Site	Unspecified Tank	1933
216	19	N	Unspecified Tank	1992
217AQ	115	NW	Unspecified Tank	1991
218AQ	116	NW	Unspecified Tank	1991
219AQ	116	NW	Unspecified Tank	1916
220	247	NE	Unspecified Tank	1992
221T	328	N	Unspecified Tank	1991
222T	328	N	Unspecified Tank	1991
223T	328	N	Unspecified Tank	1991
224T	334	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:

80

ID	Distance (m)	Direction	Use	Date
225AM	0	On Site	Electricity Substation	1951
226AR	41	S	Electricity Substation	1995
227AR	41	S	Electricity Substation	1992
228AR	42	S	Electricity Substation	1995
229AS	57	NW	Electricity Substation	1991
230AS	57	NW	Electricity Substation	1991
231AS	58	NW	Electricity Substation	1992
232AS	58	NW	Electricity Substation	1976
233AT	63	SE	Electricity Substation	1991

234AT	63	SE	Electricity Substation	1982
235AT	63	SE	Electricity Substation	1968
236AT	67	SE	Electricity Substation	1994
237AU	75	SE	Electricity Substation	1987
238AU	75	SE	Electricity Substation	1992
239AU	75	SE	Electricity Substation	1991
240AU	75	SE	Electricity Substation	1991
241AU	75	SE	Electricity Substation	1995
242AU	75	SE	Electricity Substation	1995
243AV	147	S	Electricity Substation	1982
244AV	147	S	Electricity Substation	1991
245AV	148	S	Electricity Substation	1968
246AV	148	S	Electricity Substation	1951
247AV	148	S	Electricity Substation	1994
248AW	173	S	Electricity Substation	1982
249AW	173	S	Electricity Substation	1991
250AW	173	S	Electricity Substation	1968
251AW	174	S	Electricity Substation	1994
252AX	182	W	Electricity Substation	1991
253AX	183	W	Electricity Substation	1988
254AY	252	S	Electricity Substation	1995
255AY	252	S	Electricity Substation	1995
256AY	252	S	Electricity Substation	1991
257AY	252	S	Electricity Substation	1992
258AY	252	S	Electricity Substation	1991
259AY	252	S	Electricity Substation	1987
260AZ	261	S	Electricity Substation	1991
261AZ	261	S	Electricity Substation	1982
262AZ	262	S	Electricity Substation	1994
263AZ	262	S	Electricity Substation	1968
264BA	268	SE	Electricity Substation	1992
265BA	268	SE	Electricity Substation	1991
266BA	268	SE	Electricity Substation	1987
267BA	269	SE	Electricity Substation	1995
268BA	269	SE	Electricity Substation	1995
269BA	269	SE	Electricity Substation	1991
270BB	290	S	Electricity Substation	1991
271BB	290	S	Electricity Substation	1982
272BB	290	S	Electricity Substation	1968
273BB	291	S	Electricity Substation	1994
274BC	334	E	Electricity Works	1972
275	344	E	Electricity Depot	1951
276BC	355	E	Electricity Works	1966
277S	368	E	Electricity Works	1913
278S	373	E	Electricity Works	1951
279S	373	E	Electricity Works	1951

280S	373	E	Electricity Works	1951
281S	373	E	Electricity Works	1951
282BD	384	SE	Electricity Substation	1982
283BD	384	SE	Electricity Substation	1991
284BD	385	SE	Electricity Substation	1968
285BD	394	SE	Electricity Substation	1994
286S	403	E	Electricity Works	1919
287BE	409	SE	Electricity Substation	1982
288BE	409	SE	Electricity Substation	1991
289BE	410	SE	Electricity Substation	1968
290BE	410	SE	Electricity Substation	1994
291BF	450	S	Electricity Substation	1991
292BF	450	S	Electricity Substation	1984
293BF	450	S	Electricity Substation	1982
294BF	451	S	Electricity Substation	1951
295BF	451	S	Electricity Substation	1968
296BG	459	S	Electricity Substation	1991
297BG	462	S	Electricity Substation	1972
298BH	466	SE	Electricity Substation	1991
299BH	466	SE	Electricity Substation	1982
300BH	466	SE	Electricity Substation	1968
301BH	467	SE	Electricity Substation	1994
302BI	484	S	Electricity Substation	1982
303BI	484	S	Electricity Substation	1984
304BI	484	S	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: 2

ID	Distance (m)	Direction	Use	Date
305	443	W	Filling Station	1991
306BO	469	W	Filling Station	1988

## 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: 36

ID	Distance (m)	Direction	Use	Date
307E	0	On Site	Garage	1951
308	43	SE	Garages	1951
309BJ	79	E	Garage	1991
310BJ	79	E	Garage	1982
311BJ	81	E	Garage	1994
312BJ	81	E	Garage	1968
313BJ	82	E	Garage	1973
314BJ	83	E	Garage	1993
315BJ	93	E	Garage	1991
316BK	141	S	Garage	1982
317BK	141	S	Garage	1991
318AW	142	S	Garage	1951
319AW	142	S	Garage	1968
320AW	144	S	Garage	1994
321	294	S	Garage	1951
322BL	301	SE	Garage	1913
323BL	304	SE	Omnibus Garage	1919
324	331	SE	Garage	1951
325BP	409	W	Garage	1988
326BM	414	S	Garage	1991
327BM	414	S	Garage	1982
328BM	415	S	Garage	1968
329BM	415	S	Garage	1994
330BN	421	S	Motor Repair Works	1968
331BN	421	S	Garages	1951
332	434	S	Garages	1951
333BO	437	W	Garage	1959
334BP	437	W	Garage	1959
335BP	437	W	Garage	1960
336BP	468	W	Garage	1959
337BP	468	W	Garage	1959
338BO	468	W	Garage	1960
339BI	474	S	Garages	1968
340BQ	495	S	Garage	1951
341BQ	495	S	Garage	1972
342BQ	495	S	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:

76

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

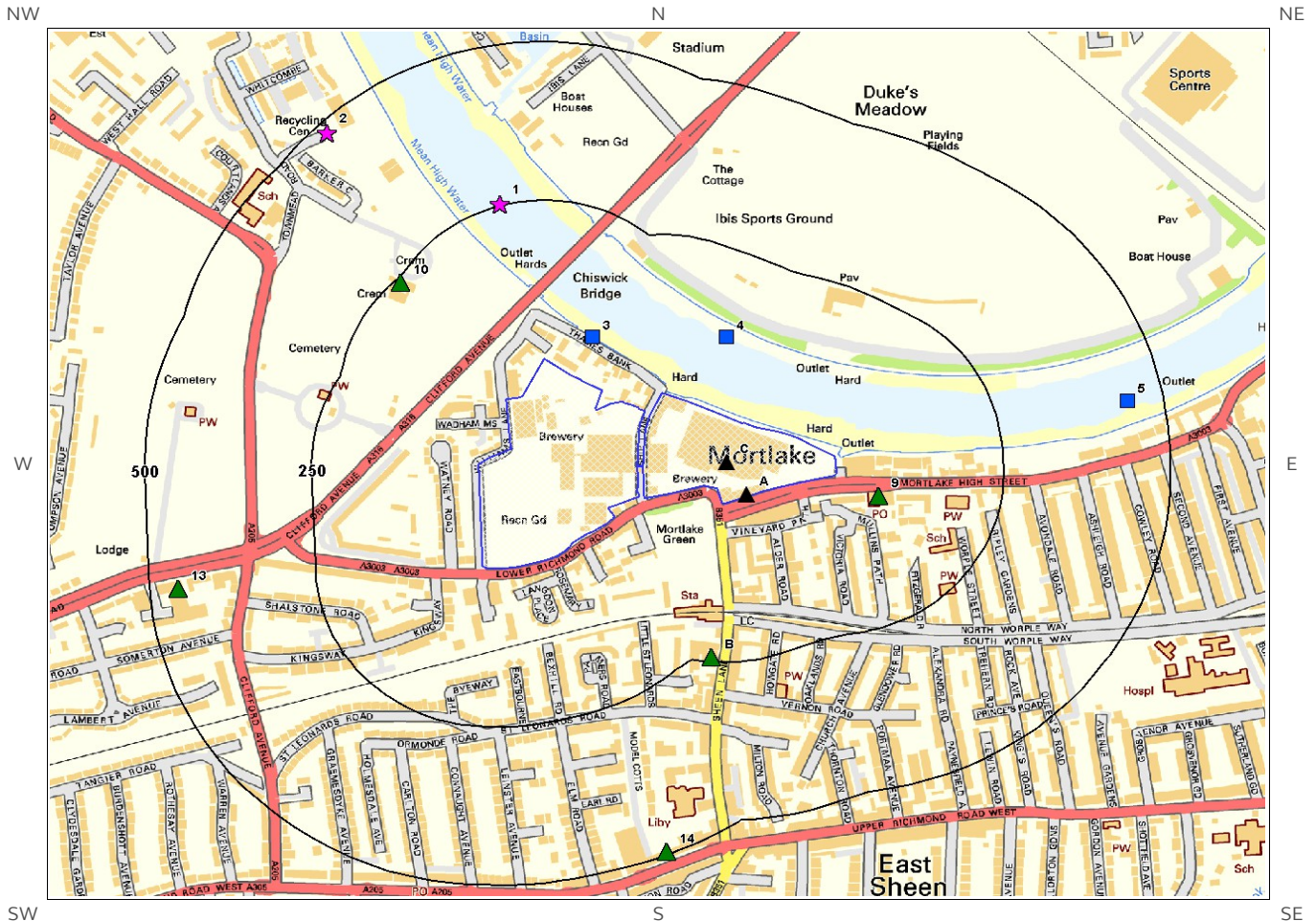
ID	Distance(m)	Direction	Use	Date
343BR	118	E	Unspecified Wharf	1967
344L	129	W	Cemetery	1933
345G	135	W	Unspecified Pit	1893
346G	138	SW	Unspecified Pit	1911
347G	142	SW	Unspecified Pit	1894
348I	150	NW	Cemetery	1987
349I	150	NW	Cemetery	1961
350K	153	NW	Cemetery	1948
351K	153	NW	Cemetery	1948
352K	158	W	Cemetery	1966
353K	158	W	Cemetery	1974
354L	159	W	Cemetery	1933
355BS	160	E	Grave Yard	1866
356BT	187	SE	Gravel Pit	1866
357BU	222	N	Unspecified Heaps	1947
358Q	250	N	Unspecified Ground Workings	1894
359Q	257	N	Unspecified Ground Workings	1893
360	302	NE	Pond	1866
361BV	322	SE	Burial Ground	1866
362U	329	NW	Unspecified Ground Workings	1962
363U	334	NW	Unspecified Heaps	1958
364W	344	W	Cemetery	1910
365W	347	W	Cemetery	1920
366W	347	W	Cemetery	1938
367Y	347	W	Cemetery	1961
368Z	347	W	Cemetery	1987
369BW	347	W	Cemetery	1966
370X	348	W	Cemetery	1933
371X	348	W	Cemetery	1933
372Y	348	W	Cemetery	1948
373Y	348	W	Cemetery	1948
374Z	349	W	Cemetery	1974
375BX	356	N	Unspecified Heaps	1947


















376BY	369	NE	Gravel and Ballast Works	1947
377AB	377	N	Dock	1958
378AB	377	N	Dock	1967
379AD	392	NW	Unspecified Pit	1933
380AD	392	NW	Refuse Heap	1961
381AD	393	NW	Refuse Heap	1933
382AD	395	NW	Refuse Heap	1948
383AD	395	NW	Refuse Heap	1948
384AB	397	N	Dock	1962
385BZ	404	NE	Refuse Heap	1947
386AE	411	N	Unspecified Ground Workings	1920
387AE	411	N	Unspecified Ground Workings	1938
388AG	418	N	Unspecified Ground Workings	1933
389CA	421	SE	Cemetery	1911
390CB	421	N	Pond	1911
391AF	422	SE	Cemetery	1958
392AF	422	SE	Cemetery	1947
393AF	423	SE	Cemetery	1893
394AF	423	SE	Cemetery	1894
395AF	423	SE	Cemetery	1933
396AF	423	SE	Cemetery	1910
397AF	425	SE	Cemetery	1933
398AF	426	SE	Cemetery	1898
399CB	428	N	Pond	1898
400CB	428	N	Pond	1894
401AF	429	SE	Cemetery	1962
402CB	430	N	Pond	1893
403AF	431	SE	Cemetery	1938
404AF	431	SE	Cemetery	1920
405AG	431	N	Unspecified Pit	1933
406AG	431	N	Unspecified Pit	1910
407AF	437	SE	Cemetery	1987
408AF	437	SE	Cemetery	1967
409AF	437	SE	Cemetery	1974
410CB	438	N	Pond	1866
411CC	438	NE	Unspecified Heap	1947
412CD	439	NE	Unspecified Ground Workings	1962
413	439	N	Water Body	1962
414CE	466	N	Unspecified Heap	1947
415CF	468	NW	Unspecified Heap	1910
416AH	478	NW	Refuse Destructor	1933
417AH	478	NW	Refuse Destructor	1933
418CA	483	SE	Cemetery	1866



# 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         |
|  | 500                           |  | 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:

1

The following IPC Authorisations are represented as points on the Environmental Permits, Incidents and Registers Map:

ID	Distance (m)	Direction	NGR	Details	
17C	0	On Site	520500 176000	Operator: Scottish and Newcastle UK Ltd Address: Lower Richmond Road, Mortlake, London, SW14 7ET Process: Combustion Processes	Permit Number: AF4275 Original Permit Number: IPCAPP Date Approved: 12-2-1993 Effective Date: 12-2-1993 Status: Revoked

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

2

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	
15A	0	On Site	520530 175950	Operator: BUDWEISER STAG BREWING COMPANY LIMITED Installation Name: THE STAG BREWERY EPR/BS9784IK Process: ANIMAL VEGETABLE AND FOOD TREATING ETC VEGETABLE	Permit Number: FP3037RD Original Permit Number: BS9784IK EPR Reference: - Issue Date: - Effective Date: 10/05/2016 Last date noted as effective: 2019-04-30 Status: SURRENDER EFFECTIVE
16A	0	On Site	520530 175950	Operator: BUDWEISER STAG BREWING CO LTD Installation Name: THE STAG BREWERY EPR/BS9784IK Process: ANIMAL VEGETABLE AND FOOD; TREATING ETC VEGETABLE RAW MATERIALS FOR FOOD >300T/D	Permit Number: BS9784IK Original Permit Number: BS9784IK EPR Reference: - Issue Date: 09/11/2005 Effective Date: 09/11/2005 Last date noted as effective: 2019-04-30 Status: SUPERCEDED