

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:

6

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
9	73	SE	520728 175947	Address: BM Lifestyle, 64 Mortlake High Street, London, SW14 8HR Process: Dry Cleaning Status: Current Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of Enforcement: No Enforcements Notified Comment: No Enforcements Notified
10	241	NW	520012 176284	Address: Mortlake Crematorium, Kew Meadow Path, Richmond, Surrey, TW9 4EN Process: Crematoria Processes Status: Current Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of Enforcement: No Enforcements Notified Comment: No Enforcements Notified
11B	245	S	520478 175692	Address: Texaco, Pace Mortlake, Mortlake Service Station, 16-26 Sheen Lane, East Sheen, SW14 8LW Process: Petrol Vapour Recovery Status: Current Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of Enforcement: No Enforcements Notified Comment: No Enforcements Notified
12B	245	S	520478 175692	Address: KPR Service Station, Sheen Lane, SW14 8LW Process: Petrol Vapour Recovery Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of Enforcement: No Enforcements Notified Comment: No Enforcements Notified
13	457	W	519680 175800	Address: Fina, Prospect Service Station, 199 Lower Richmond Road, Richmond, TW9 4LN Process: Petrol Vapour Recovery	Enforcement: No Enforcements Notified Date of Enforcement: No Enforcements Notified Comment: No Enforcements Notified

ID	Distance (m)	Direction	NGR	Details	
				Status: Revoked Permit Type: Part B	
14	498	S	520410 175384	Address: Express Dry Cleaners, 282 Upper Richmond Road West, East Sheen, SW14 7JE Process: Dry Cleaning Status: Current 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:

3

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

ID	Distance (m)	Direction	NGR	Details	
3	68	NE	520300 176200	Address: MORTLAKE, LONDON Effluent Type: TRADE DISCHARGES - COOLING WATER Permit Number: CPLP.0059 Permit Version: 1	Receiving Water: THAMES Status: REVOKED - UNSPECIFIED Issue date: 14/09/1972 Effective Date: 14-Sep-1972 Revocation Date: 05/03/1991
4	116	N	520500 176200	Address: RICHMOND ROAD, MORTLAKE, SURREY Effluent Type: TRADE DISCHARGES - COOLING WATER Permit Number: CTMR.0305 Permit Version: 1	Receiving Water: THAMES Status: REVOKED - UNSPECIFIED Issue date: 29/06/1976 Effective Date: 29-Jun-1976 Revocation Date: 26/04/1990
5	446	E	521100 176100	Address: 121 MORTLAKE HIGH STREET, MORTLAKE, 121 MORTLAKE HIGH STREET, MORTLA, KE, LONDON SW14 Effluent Type: MISCELLANEOUS DISCHARGES - SURFACE WATER Permit Number: CTWC.2358 Permit Version: 1	Receiving Water: RIVER THAMES Status: REVOKED - UNSPECIFIED Issue date: 05/05/1988 Effective Date: 05-May-1988 Revocation Date: 06/06/1991

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:

2

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	252	N	520160.0 176410.0	Incident Date: 19-Aug-2002 Incident Identification: 101321.0 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)
2	483	NW	519901.0 176522.0	Incident Date: 03-Apr-2003 Incident Identification: 148411.0 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Landfill Odour	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 3 (Minor)

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

0

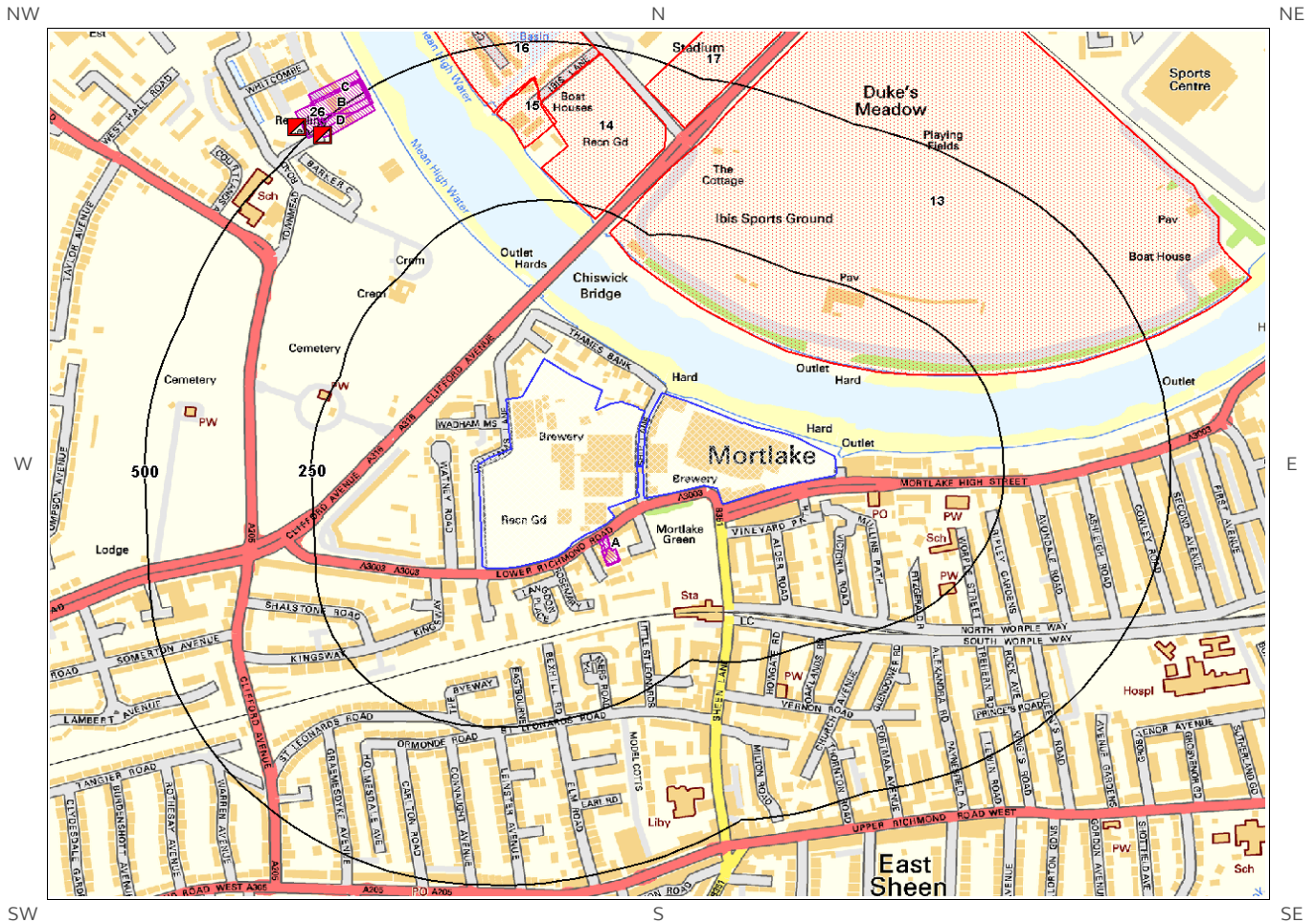
Database searched and no data found.

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

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:

7

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
13	126	N		<p>Site Address: Dukes Meadow, Great Chertsey Road, London Waste Licence: - Site Reference: 8HO040 Waste Type: - Environmental Permitting Regulations (Waste) Reference: -</p> <p>Licence Issue: Licence Surrendered: Licence Holder Address: - Operator: Ham River Grit Licence Holder: London Borough of Hounslow First Recorded: 31-Dec-1945 Last Recorded: 31-Dec-1950</p>
14	233	N		<p>Site Address: Hartington Road Sports Ground, Hartington Road Waste Licence: - Site Reference: 8HO041 Waste Type: Inert, Industrial Environmental Permitting Regulations (Waste) Reference: -</p> <p>Licence Issue: Licence Surrendered: Licence Holder Address: - Operator: Ham River Grit Licence Holder: - First Recorded: - Last Recorded: 31-Dec-1934</p>
15	334	N		<p>Site Address: Ibis Rowing Club, Grove Park, Chiswick, Hounslow, London Waste Licence: - Site Reference: 8HO063 Waste Type: - Environmental Permitting Regulations (Waste) Reference: -</p> <p>Licence Issue: Licence Surrendered: Licence Holder Address: - Operator: - Licence Holder: - First Recorded: - Last Recorded: -</p>
16	394	N		<p>Site Address: Cubitts Basin, Grove Park, Chiswick, Hounslow, London Waste Licence: - Site Reference: 8HO046 Waste Type: Inert, Industrial Environmental Permitting Regulations (Waste) Reference: -</p> <p>Licence Issue: Licence Surrendered: Licence Holder Address: - Operator: - Licence Holder: - First Recorded: - Last Recorded: -</p>
17	419	N		<p>Site Address: Hartington Road Sports Ground, Hartington Road</p> <p>Licence Issue: Licence Surrendered:</p>

ID	Distance (m)	Direction	NGR	Details
				Waste Licence: - Site Reference: 8HO041 Waste Type: - Environmental Permitting Regulations (Waste) Reference: - Licence Holder Address: - Operator: Ham River Grit Licence Holder: - First Recorded: - Last Recorded: 31-Dec-1935
Not shown	1110	N		Site Address: Staveley Road, Grove Park, Chiswick, Hounslow, London Waste Licence: - Site Reference: 8HO062 Waste Type: Inert Environmental Permitting Regulations (Waste) Reference: - Licence Issue: Licence Surrendered: Licence Holder Address: - Operator: - Licence Holder: - First Recorded: 31-Dec-1913 Last Recorded: 31-Dec-1951
Not shown	1337	NE		Site Address: Corney Road, Chiswick, London W4 Waste Licence: - Site Reference: 8HO081 Waste Type: Inert, Industrial, Special Environmental Permitting Regulations (Waste) Reference: - Licence Issue: Licence Surrendered: Licence Holder Address: - Operator: - Licence Holder: - First Recorded: 31-Dec-1946 Last Recorded: 31-Dec-1949

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:

12

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
1A	16	SE	520327 175863	Type of Site: Scrap Yard Site Address: N/A Planning Application Reference: N/A Date: 1995 Further Details: N/A Data Source: Historic Mapping Data Type: Polygon
2A	17	SE	520324 175863	Type of Site: Scrap Yard Site Address: N/A Planning Application Reference: N/A Date: 1991 Further Details: N/A Data Source: Historic Mapping Data Type: Polygon

ID	Distance (m)	Direction	NGR	Details		
3A	34	SE	520327 175853	Type of Site: Scrap Yard Site Address: N/A	Planning Application Reference: N/A Date: 1995	Further Details: N/A Data Source: Historic Mapping Data Type: Polygon
4A	34	SE	520329 175854	Type of Site: Scrap Yard Site Address: N/A	Planning Application Reference: N/A Date: 1987	Further Details: N/A Data Source: Historic Mapping Data Type: Polygon
5A	34	SE	520329 175854	Type of Site: Scrap Yard Site Address: N/A	Planning Application Reference: N/A Date: 1991	Further Details: N/A Data Source: Historic Mapping Data Type: Polygon
6A	34	SE	520329 175854	Type of Site: Scrap Yard Site Address: N/A	Planning Application Reference: N/A Date: 1992	Further Details: N/A Data Source: Historic Mapping Data Type: Polygon
7B	467	NW	519915 176559	Type of Site: Refuse Disposal Depot Site Address: N/A	Planning Application Reference: N/A Date: 1974	Further Details: N/A Data Source: Historic Mapping Data Type: Polygon
8B	478	NW	519925 176567	Type of Site: Refuse Destructor Site Address: N/A	Planning Application Reference: N/A Date: 1933	Further Details: N/A Data Source: Historic Mapping Data Type: Polygon
9B	479	NW	519922 176578	Type of Site: Refuse Destructor Site Address: N/A	Planning Application Reference: N/A Date: 1940	Further Details: N/A Data Source: Historic Mapping Data Type: Polygon
10C	490	NW	519921 176580	Type of Site: Corporation Refuse Destructor Site Address: N/A	Planning Application Reference: N/A Date: 1940	Further Details: N/A Data Source: Historic Mapping Data Type: Polygon
11C	490	NW	519921 176580	Type of Site: Corporation Refuse Destructor Site Address: N/A	Planning Application Reference: N/A Date: 1940	Further Details: N/A Data Source: Historic Mapping Data Type: Polygon
12C	490	NW	519921 176580	Type of Site: Corporation Refuse Destructor Site Address: N/A	Planning Application Reference: N/A Date: 1940	Further Details: N/A Data Source: Historic Mapping Data Type: Polygon

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

7

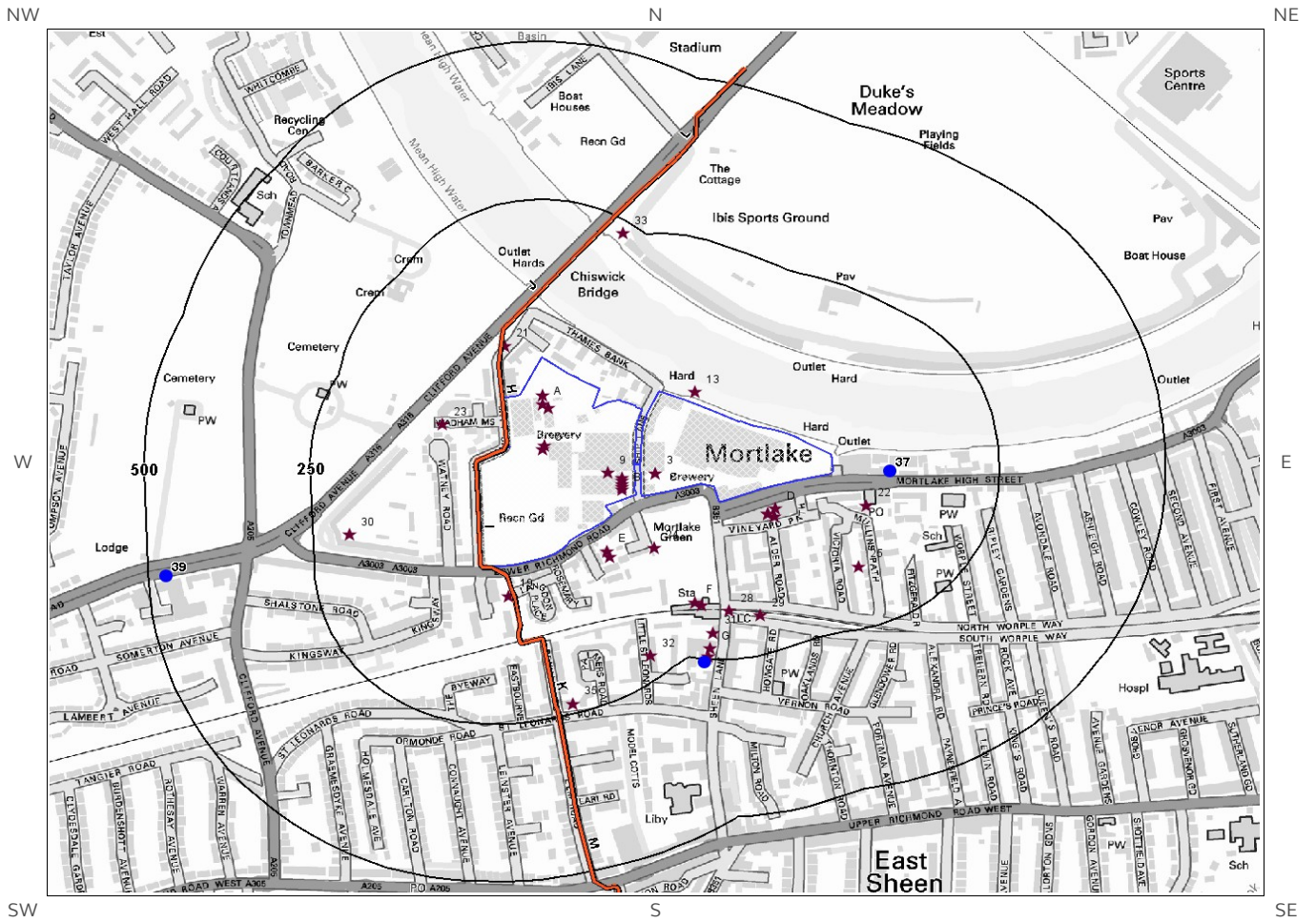
The following waste treatment, transfer or disposal sites records are represented as points on the Landfill and Other Waste Sites map:

ID	Distance (m)	Direction	NGR	Details	
20D	485	NW	519895 176520	Site Address: Richmond Upon Thames London B C, Townmead Civic Amenity Site, Townmead Road, Kew, Surrey, TW9 4EL	Issue Date: 05/12/1996 Effective Date: - Modified: 08/05/2002

ID	Distance (m)	Direction	NGR	Details	
				Type: Household, Commercial & Industrial Waste T Stn Size: >= 25000 tonnes < 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: RIC002 EPR reference: - Operator: Richmond Upon Thames London B C Waste Management licence No: 83209 Annual Tonnage: 107018.0	Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified Site Name: Townmead Road Cas, Kew, Tw9 Correspondence Address: Richmond Upon Thames London B C, Contract Services Dept, Regal House, London Road, Twickenham, Middx, TW1 3QB
21D	485	NW	519895 176520	Site Address: Richmond upon Thames London BC, Townmead Civic Amenity Site, Townmead Road, Kew, Surrey, TW9 4EL Type: Household, Commercial & Industrial Waste T Stn Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: RIC001 EPR reference: - Operator: Richmond Upon Thames London B C Waste Management licence No: 83208 Annual Tonnage: 109200.0	Issue Date: 25/05/1994 Effective Date: - Modified: 12/11/1996 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified Site Name: Townmead Road Cas, Kew, Tw9 Correspondence Address: Richmond Upon Thames London B C, ""Contract Services Dept, Regal House"" , London Road, Twickenham, Middx, TW1 3QB
22D	485	NW	519895 176520	Site Address: Richmond upon Thames London BC, Townmead Civic Amenity Site, Townmead Road, Off Mortlake Road, Kew, Surrey, TW9 4EL Type: Household, Commercial & Industrial Waste T Stn Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: RIC001 EPR reference: - Operator: Richmond Upon Thames London B C Waste Management licence No: 83208 Annual Tonnage: 109200.0	Issue Date: 25/05/1994 Effective Date: - Modified: 12/11/1996 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified Site Name: Townmead C A S Correspondence Address: Richmond Upon Thames London B C, Richmond Upon Thames L B C, London Road, Twickenham, Middx, TW1 3QB
23D	485	NW	519895 176520	Site Address: Richmond upon Thames London BC, Townmead Civic Amenity Site, Townmead Road, Off Mortlake Road, Kew, Surrey, TW9 4EL Type: Household, Commercial & Industrial Waste T Stn Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: RIC001 EPR reference: BP3890EF/V002 Operator: Richmond Upon Thames London Borough Council Waste Management licence No: 83208 Annual Tonnage: 109200.0	Issue Date: 25/05/1994 Effective Date: - Modified: 12/11/1996 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified Site Name: Townmead C A S Correspondence Address: -
24D	485	NW	519895 176520	Site Address: Richmond upon Thames London BC, Townmead Civic Amenity Site, Townmead Road, Off Mortlake Road, Kew, Surrey, TW9 4EL Type: Household Waste Amenity Site Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: RIC001 EPR reference: EA/EPR/BP3890EF/V002 Operator: Richmond Upon Thames London Borough Council Waste Management licence No: 83208 Annual Tonnage: 109200.0	Issue Date: 25/05/1994 Effective Date: - Modified: 12/11/1996 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Expired Site Name: Townmead C A S Correspondence Address: -
25D	485	NW	519895 176520	Site Address: Richmond upon Thames London BC, Townmead Civic Amenity Site,	Issue Date: 25/05/1994 Effective Date: -

ID	Distance (m)	Direction	NGR	Details
				<p>Townmead Road, Kew, Surrey, TW9 4EL Type: Household, Commercial & Industrial Waste T Stn Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: RIC001 EPR reference: - Operator: Richmond Upon Thames London B C Waste Management licence No: 83208 Annual Tonnage: 109200.0</p>
				<p>Modified: 12/11/1996 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified Site Name: Townmead Road Cas, Kew, Tw9 Correspondence Address: Richmond Upon Thames London B C, Contract Services Dept, Regal House, London Road, Twickenham, Middx, TW1 3QB</p>
26	520	NW	519857 176532	<p>Site Address: Richmond Upon Thames London B C, Townmead Civic Amenity Site, Townmead Road, Kew, Surrey, TW9 4EL Type: Household, Commercial & Industrial Waste T Stn Size: >= 25000 tonnes < 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: RIC002 EPR reference: EA/EPR/BP3490EL/V003 Operator: Richmond Upon Thames London Borough Council Waste Management licence No: 83209 Annual Tonnage: 75000.0</p>
				<p>Issue Date: 05/12/1996 Effective Date: - Modified: 27/07/2007 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified Site Name: Townmead Civic Amenity Site Correspondence Address: -</p>

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:

36

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

ID	Distance (m)	Direction	Company	NGR	Address	Activity	Category
1A	0	On Site	Tank	520229 176093	Greater London, SW14	Tanks (Generic)	Industrial Features
2A	0	On Site	Tank	520237 176087	Greater London, SW14	Tanks (Generic)	Industrial Features
3	0	On Site	Chimney	520398 175983	Greater London, SW14	Chimneys	Industrial Features
4B	0	On Site	Silo	520348 175957	Greater London, SW14	Hoppers and Silos	Farming
5B	0	On Site	Silo	520348 175962	Greater London, SW14	Hoppers and Silos	Farming
6B	0	On Site	Silo	520348 175966	Greater London, SW14	Hoppers and Silos	Farming
7B	0	On Site	Silo	520348 175971	Greater London, SW14	Hoppers and Silos	Farming
8B	0	On Site	Silo	520348 175976	Greater London, SW14	Hoppers and Silos	Farming
9	0	On Site	Silo	520327 175984	Greater London, SW14	Hoppers and Silos	Farming
10C	0	On Site	Tank	520229 176021	Greater London, SW14	Tanks (Generic)	Industrial Features
11A	0	On Site	Tank	520228 176106	Greater London, SW14	Tanks (Generic)	Industrial Features
12C	0	On Site	Tank	520232 176027	Greater London, SW14	Tanks (Generic)	Industrial Features
13	18	N	Jetty	520458 176112	Greater London, SW14	Moorings and Unloading Facilities	Water
14D	35	S	Low Cost Minicab	520579 175927	Room 108 Mortlake Business Centre, 20 Mortlake High Street, London, Greater London, SW14 8JN	Airlines and Airline Services	Transport, Storage and Delivery
15D	39	S	Global Pharma	520567 175919	20, Mortlake High Street, London, Greater London, SW14 8JN	Medical Equipment, Supplies and Pharmaceuticals	Industrial Products
16D	39	S	Norstone UK	520567 175919	Mortlake Business Centre 20, Mortlake High Street, London, Greater London, SW14 8JN	Construction Completion Services	Construction Services
17E	41	SE	Sullivans of Mortlake Ltd	520325 175859	29-31, Lower Richmond Road, London, Greater London, SW14 7EZ	Scrap Metal Merchants	Recycling Services

ID	Distance (m)	Direction	Company	NGR	Address	Activity	Category
18D	46	S	R J Communications & Media Ltd	520576 175914	39, Vineyard Path, London, Greater London, SW14 8EL	Published Goods	Industrial Products
19	48	S	Electricity Sub Station	520177 175788	Greater London, SW14	Electrical Features	Infrastructure and Facilities
20E	51	SE	Scrap Yard	520329 175850	Greater London, SW14	Scrap Metal Merchants	Recycling Services
21	59	NW	Electricity Sub Station	520171 176185	Greater London, SW14	Electrical Features	Infrastructure and Facilities
22	72	SE	Electricity Sub Station	520715 175932	Greater London, SW14	Electrical Features	Infrastructure and Facilities
23	80	NW	Electricity Sub Station	520078 176061	Greater London, SW14	Electrical Features	Infrastructure and Facilities
24	82	S	Electricity Sub Station	520397 175865	Greater London, SW14	Electrical Features	Infrastructure and Facilities
25	152	S	Electricity Sub Station	520704 175835	Greater London, SW14	Electrical Features	Infrastructure and Facilities
26F	164	S	Rubbish Clearance Unlimited	520458 175778	10-12, Sheen Lane, London, Greater London, SW14 8LL	Waste Storage, Processing and Disposal	Infrastructure and Facilities
27F	167	S	Mortlake Rail Station	520467 175773	Greater London, SW14	Railway Stations, Junctions and Halts	Public Transport, Stations and Infrastructure
28	172	S	Electricity Sub Station	520509 175765	Greater London, SW14	Electrical Features	Infrastructure and Facilities
29	188	S	British Travel Awards	520555 175757	East House 109, South Worple Way, London, Greater London, SW14 8TN	Medals, Trophies, Ceremonial and Religious Goods	Consumer Products
30	196	W	Electricity Sub Station	519938 175886	Greater London, SW14	Electrical Features	Infrastructure and Facilities
31	207	S	Classic Chrome Ltd	520484 175730	12, Sheen Lane, London, Greater London, SW14 8LN	Vehicle Repair, Testing and Servicing	Repair and Servicing
32	214	SE	Woodart	520391 175694	Flat 23 Moore Close, Little St. Leonards, London, Greater London, SW14 7LU	General Construction Supplies	Industrial Products
33	232	NE	Slipway	520350 176364	Greater London, W4	Moorings and Unloading Facilities	Water
34G	232	S	M R H Service Station	520480 175705	16-26, Sheen Lane, London, Greater London, SW14 8LW	Petrol and Fuel Stations	Road and Rail
35	234	S	Cookie Crumbles	520274 175617	64, St. Leonards Road, London, Greater London, SW14 7NE	Baking and Confectionery	Foodstuffs
36G	245	S	Esso	520478 175692	26, Sheen Lane, London, Greater London, SW14 8LW	Petrol and Fuel Stations	Road and Rail

4.2 Petrol and Fuel Sites

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

3

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
37	85	E	520751 175985	OBSOLETE	77 Mortlake High Street, Mortlake, London, Outer London, SW14 8HS	Not Applicable	Obsolete
38G	256	S	520472 175682	ESSO	16-26 Sheen Lane, Mortlake, London, Outer London, SW14 8LW	No	Open
39	474	W	519662 175819	TOTAL	205 Lower Richmond Road, North Sheen, Richmond, Outer London, TW9 4LN	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:

18

The following Underground Electricity Transmission Cable records are represented as linear features on the Current Land Use map:

ID	Distance (m)	Direction	Details	
40H	0	On Site	Cable Set: - Cable Route: - Cable Make: -	Cable Type: PILOT Operating Voltage (kV): - Year of installation: - Cable in tunnel: -
41I	0	W	Cable Set: - Cable Route: - Cable Make: -	Cable Type: PILOT Operating Voltage (kV): - Year of installation: - Cable in tunnel: -
42H	0	NW	Cable Set: SOUTH (BICC) CABLE SECT 40 Cable Route: WIMBLEDON - WILLESDEN Cable Make: BICC 275KV OIL	Cable Type: A/C Operating Voltage (kV): 275 Year of installation: 1967 Cable in tunnel: N
43I	1	W	Cable Set: SOUTH (BICC) CABLE SECT 39 Cable Route: WIMBLEDON - WILLESDEN Cable Make: BICC 275KV OIL	Cable Type: A/C Operating Voltage (kV): 275 Year of installation: 1967 Cable in tunnel: N
44H	1	NW	Cable Set: - Cable Route: -	Cable Type: PILOT Operating Voltage (kV): -

ID	Distance (m)	Direction	Details	
			Cable Make: -	Year of installation: - Cable in tunnel: -
45I	1	W	Cable Set: - Cable Route: - Cable Make: -	Cable Type: PILOT Operating Voltage (kV): - Year of installation: - Cable in tunnel: -
46J	73	NW	Cable Set: - Cable Route: - Cable Make: -	Cable Type: PILOT Operating Voltage (kV): - Year of installation: - Cable in tunnel: -
47J	74	NW	Cable Set: SOUTH (BICC) CABLE SECT 41 Cable Route: WIMBLEDON - WILLESDEN Cable Make: BICC 275KV OIL	Cable Type: A/C Operating Voltage (kV): 275 Year of installation: 1967 Cable in tunnel: N
48J	74	NW	Cable Set: - Cable Route: - Cable Make: -	Cable Type: PILOT Operating Voltage (kV): - Year of installation: - Cable in tunnel: -
49K	100	S	Cable Set: - Cable Route: - Cable Make: -	Cable Type: PILOT Operating Voltage (kV): - Year of installation: - Cable in tunnel: -
50K	101	S	Cable Set: SOUTH (BICC) CABLE SECT 38 Cable Route: WIMBLEDON - WILLESDEN Cable Make: BICC 275KV OIL	Cable Type: A/C Operating Voltage (kV): 275 Year of installation: 1967 Cable in tunnel: N
51K	101	S	Cable Set: - Cable Route: - Cable Make: -	Cable Type: PILOT Operating Voltage (kV): - Year of installation: - Cable in tunnel: -
52L	273	NE	Cable Set: - Cable Route: - Cable Make: -	Cable Type: PILOT Operating Voltage (kV): - Year of installation: - Cable in tunnel: -
53L	273	NE	Cable Set: - Cable Route: - Cable Make: -	Cable Type: PILOT Operating Voltage (kV): - Year of installation: - Cable in tunnel: -
54L	276	NE	Cable Set: SOUTH (BICC) CABLE SECT 42 Cable Route: WIMBLEDON - WILLESDEN Cable Make: BICC 275KV OIL	Cable Type: A/C Operating Voltage (kV): 275 Year of installation: 1967 Cable in tunnel: N
55M	331	S	Cable Set: - Cable Route: - Cable Make: -	Cable Type: PILOT Operating Voltage (kV): - Year of installation: - Cable in tunnel: -
56M	331	S	Cable Set: SOUTH (BICC) CABLE SECT 37 Cable Route: WIMBLEDON - WILLESDEN Cable Make: BICC 275KV OIL	Cable Type: A/C Operating Voltage (kV): 275 Year of installation: 1967 Cable in tunnel: N
57M	331	S	Cable Set: - Cable Route: - Cable Make: -	Cable Type: PILOT Operating Voltage (kV): - Year of installation: - Cable in tunnel: -

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
KPGR-XSV	KEMPTON PARK GRAVEL MEMBER	SAND AND GRAVEL
ALV-XCZSP	ALLUVIUM	CLAY, SILT, SAND AND PEAT

5.3 Bedrock and Solid Geology

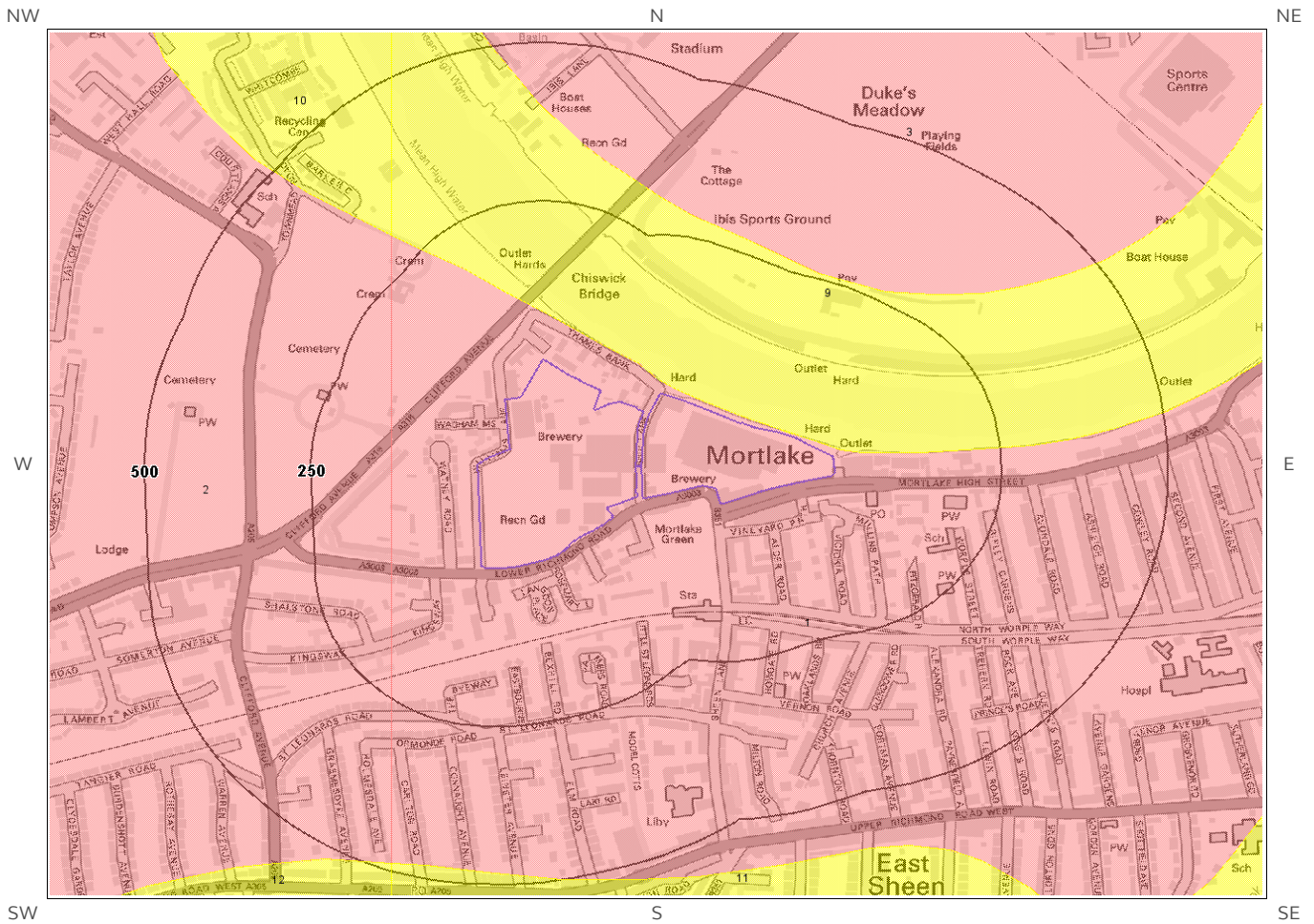
The database has been searched on site, including a 50m buffer.

Lex Code	Description	Rock Type
LC-XCZ	LONDON CLAY FORMATION	CLAY AND SILT

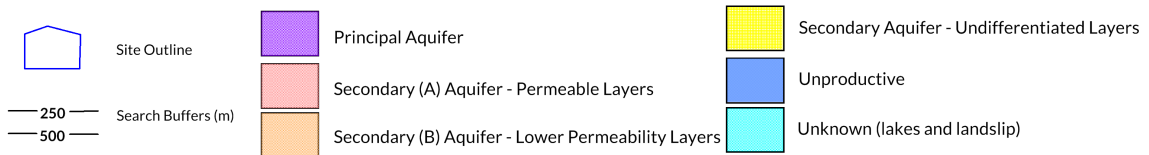
(Derived from the BGS 1:50,000 Digital Geological Map of Great Britain)

6 Hydrogeology and Hydrology

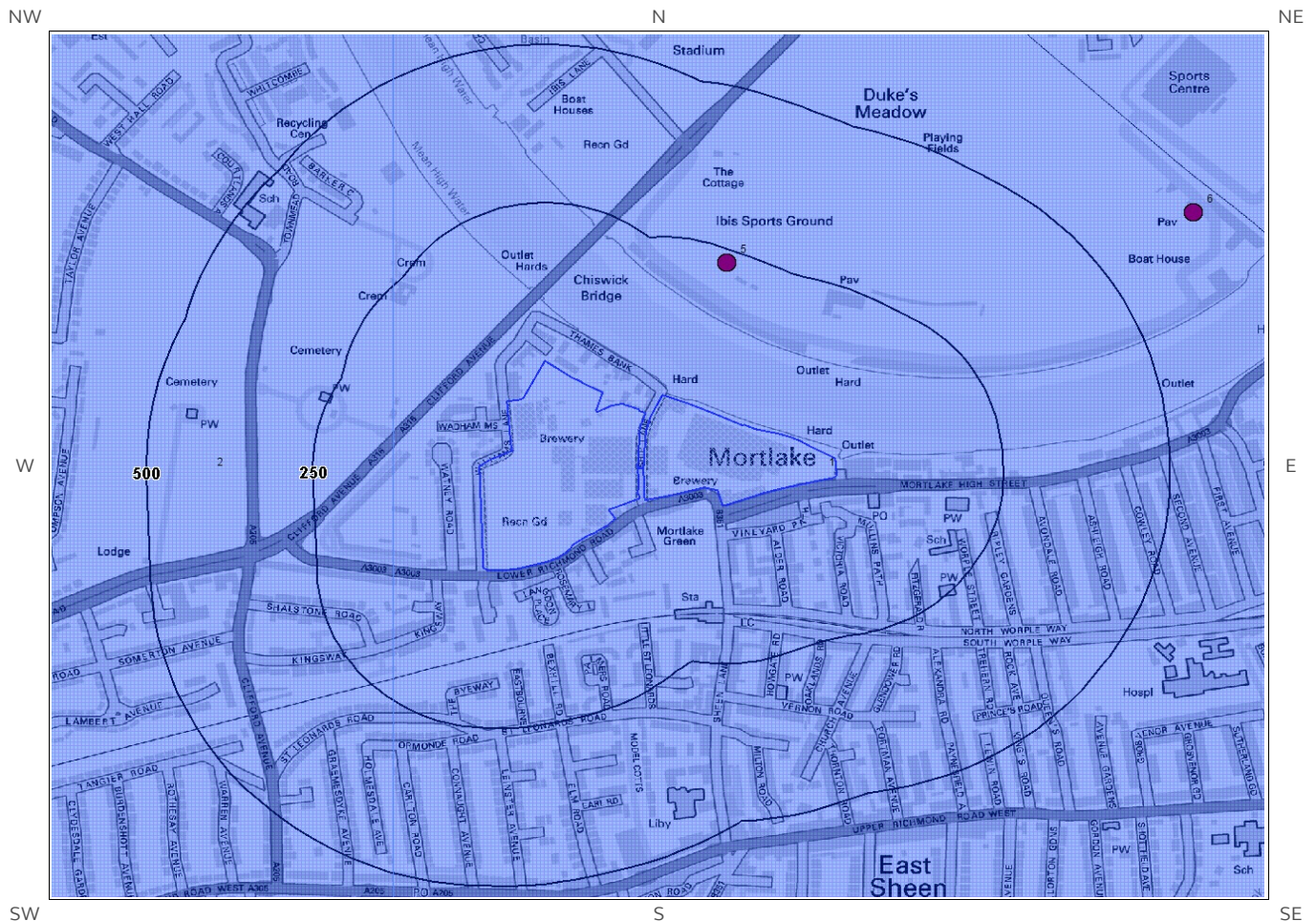
6a. Aquifer Within Superficial Geology



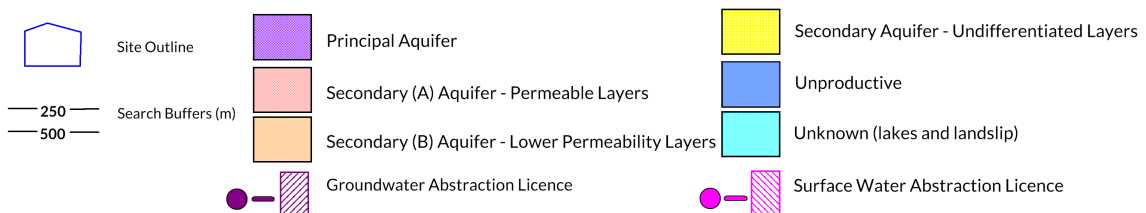
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6b. Aquifer Within Bedrock Geology and Abstraction Licences

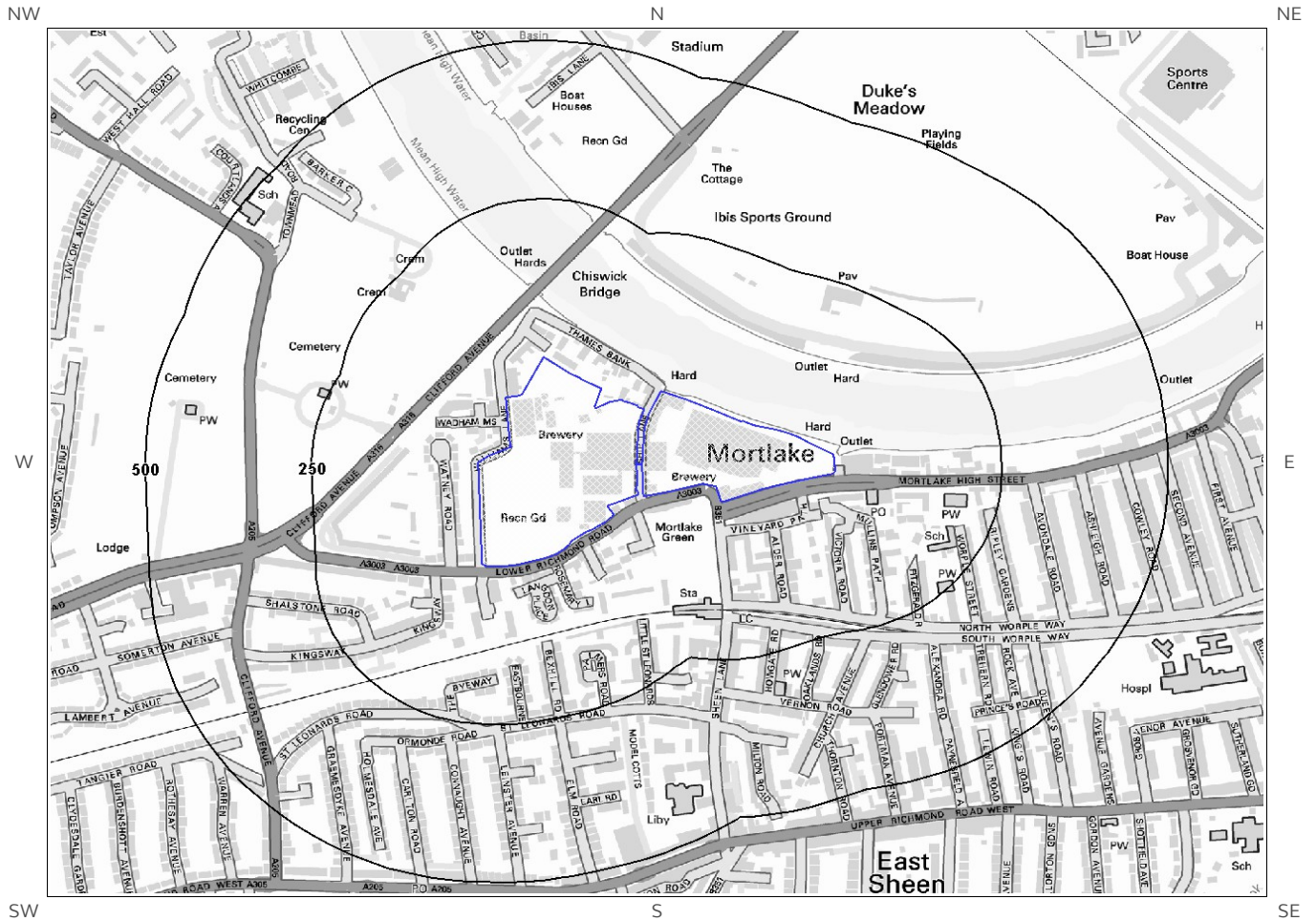


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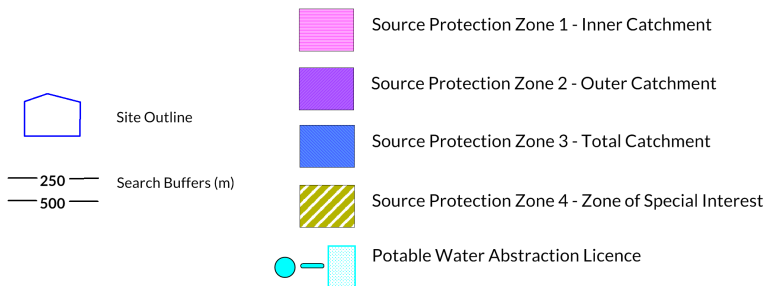




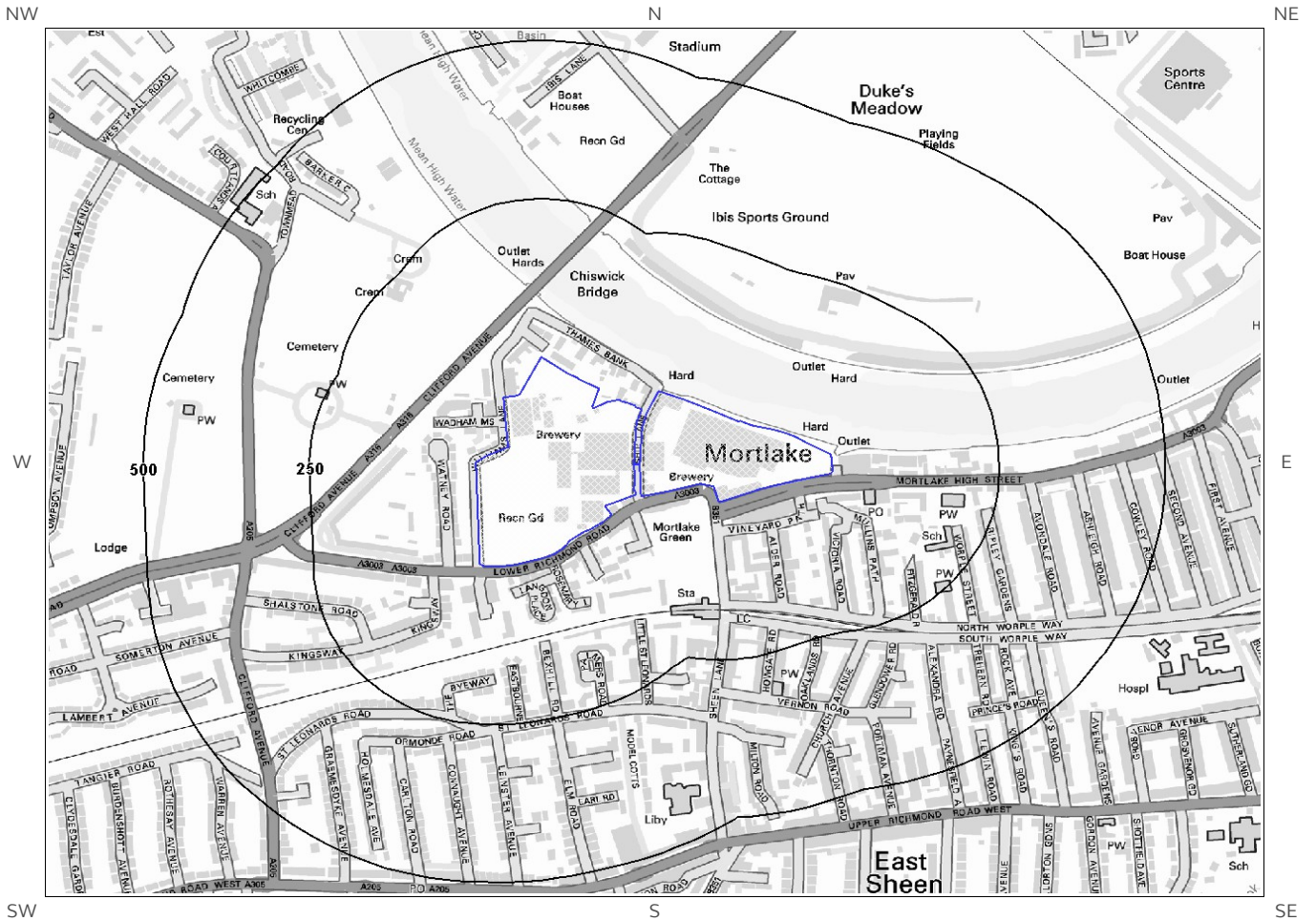
6c. Hydrogeology – Source Protection Zones and Potable Water Abstraction Licences



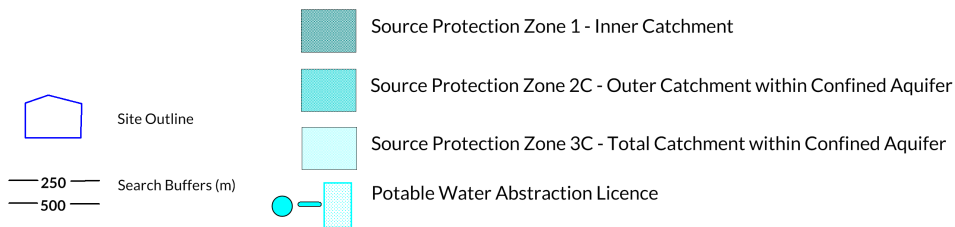
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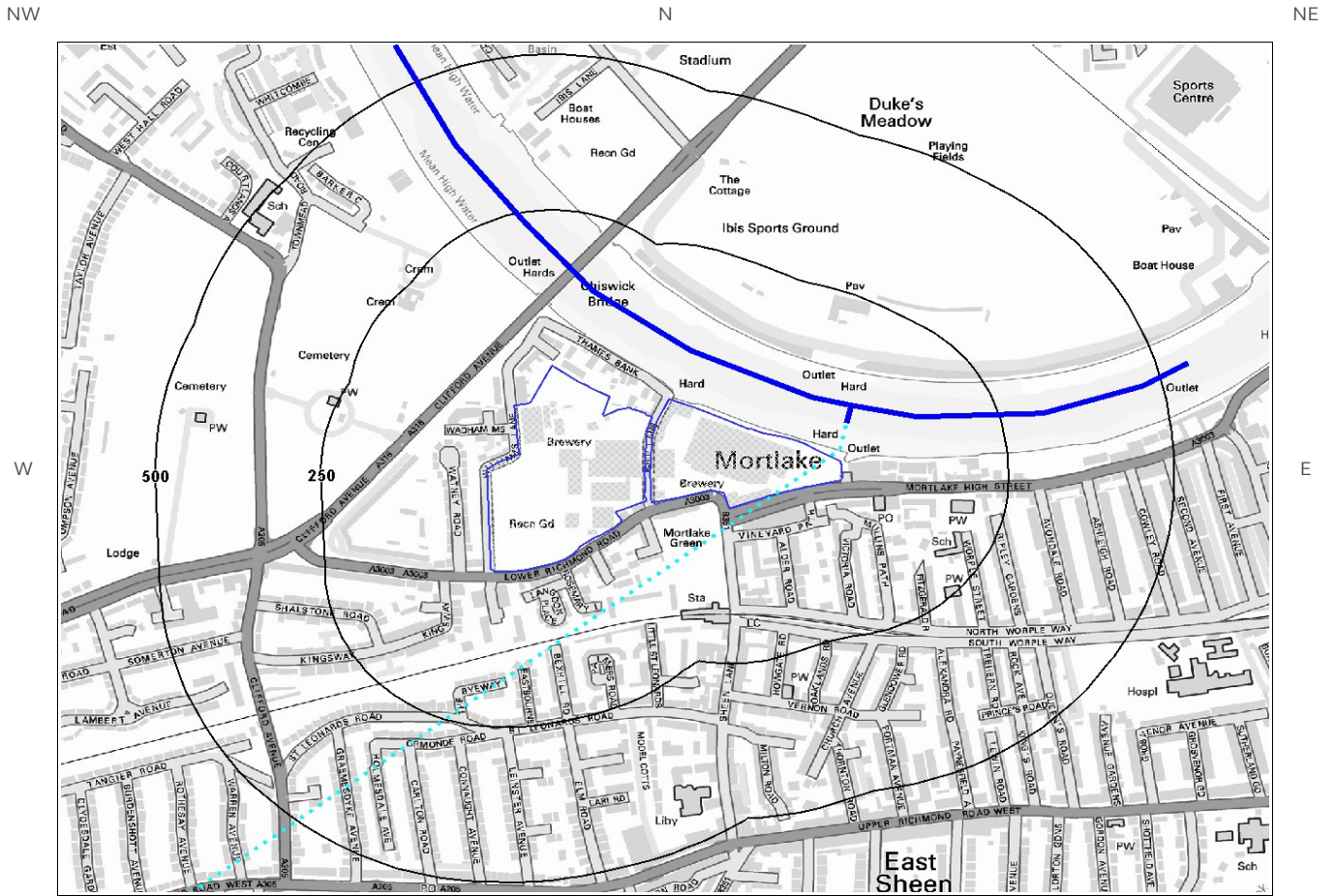
6d. Hydrogeology – Source Protection Zones within confined aquifer



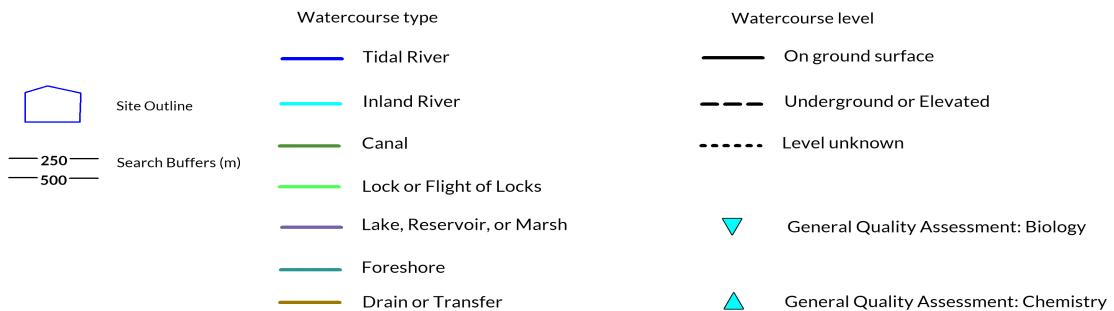
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6e. Hydrology – Watercourse Network and River Quality



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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
9	4	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
2	130	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
3	259	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
10	300	NW	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	478	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
12	488	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

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	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
2	130	W	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				

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
5	228	N	520500 176320	Status: Active Licence No: 28/39/39/0180 Details: Spray Irrigation - Direct Direct Source: THAMES GROUNDWATER Point: DUKES MEADOW GOLF CLUB, LONDON - BOREHOLE Data Type: Point Name: D & D LEISURE SPORTS LTD Annual Volume (m ³): 8000 Max Daily Volume (m ³): 55 Original Application No: - Original Start Date: 04/09/1997 Expiry Date: - Issue No: 100 Version Start Date: 01/04/2008 Version End Date:
6	662	NE	521200 176400	Status: Historical Licence No: 28/39/39/0174 Details: Spray Irrigation - Direct Direct Source: THAMES GROUNDWATER Point: DUKES MEADOW, CHISWICK - BOREHOLE Data Type: Point Name: RIVERSIDE RACQUETS CLUB LTD Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 08/12/1993 Expiry Date: - Issue No: 100 Version Start Date: 08/12/1993 Version End Date:
Not shown	1286	NW	519490 177220	Status: Active Licence No: TH/039/0035/002 Details: Make-Up Or Top Up Water Direct Source: THAMES GROUNDWATER Point: WELL 2 AT THE NATIONAL ARCHIVES, KEW, RICHMOND, SURREY Data Type: Point Name: The Secretary of State for Justice Annual Volume (m ³): 10000 Max Daily Volume (m ³): 30 Original Application No: - Original Start Date: 23/06/2014 Expiry Date: 31/03/2025 Issue No: 1 Version Start Date: 23/06/2014 Version End Date:
Not shown	1286	NW	519490 177220	Status: Active Licence No: TH/039/0035/002 Details: Evaporative Cooling Direct Source: THAMES GROUNDWATER Point: WELL 2 AT THE NATIONAL ARCHIVES, KEW, RICHMOND, SURREY Data Type: Point Name: The Secretary of State for Justice Annual Volume (m ³): 10000 Max Daily Volume (m ³): 30 Original Application No: - Original Start Date: 23/06/2014 Expiry Date: 31/03/2025 Issue No: 1 Version Start Date: 23/06/2014 Version End Date:
Not shown	1324	NW	519480 177260	Status: Active Licence No: TH/039/0035/002 Details: Evaporative Cooling Direct Source: THAMES GROUNDWATER Point: WELL 1 AT THE NATIONAL ARCHIVES. KEW, RICHMOND, SURREY Data Type: Point Name: The Secretary of State for Justice Annual Volume (m ³): 10000 Max Daily Volume (m ³): 30 Original Application No: - Original Start Date: 23/06/2014 Expiry Date: 31/03/2025 Issue No: 1 Version Start Date: 23/06/2014 Version End Date:
Not shown	1324	NW	519480 177260	Status: Active Licence No: TH/039/0035/002 Details: Make-Up Or Top Up Water Direct Source: THAMES GROUNDWATER Point: WELL 1 AT THE NATIONAL ARCHIVES. KEW, RICHMOND, SURREY Data Type: Point Name: The Secretary of State for Justice Annual Volume (m ³): 10000 Max Daily Volume (m ³): 30 Original Application No: - Original Start Date: 23/06/2014 Expiry Date: 31/03/2025 Issue No: 1 Version Start Date: 23/06/2014 Version End Date:

ID	Distance (m)	Direction	NGR	Details	
Not shown	1368	SE	521784 175197	Status: Active Licence No: TH/039/0040/004 Details: Spray Irrigation - Direct Direct Source: THAMES GROUNDWATER Point: BOREHOLE AT ROEHAMPTON CLUB Data Type: Point Name: Roehampton Club Limited	Annual Volume (m ³): 34960 Max Daily Volume (m ³): 264 Original Application No: - Original Start Date: 03/10/2017 Expiry Date: 31/03/2025 Issue No: 1 Version Start Date: 03/10/2017 Version End Date:

6.4 Surface Water Abstraction Licences

Surface Water Abstraction Licences within 2000m of the study site None identified

Database searched and no data found.

6.5 Potable Water Abstraction Licences

Potable Water Abstraction Licences within 2000m of the study site None identified

Database searched and no data found.

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/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.
130	W	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.
139	N	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.

6.9 River Quality

Environment Agency/Natural Resources Wales information on river quality within 1500m of the study site None identified

6.9.1 Biological Quality:

Database searched and no data found.

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: Thames 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: Thames Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
2	17 NE	-	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
50	17 NE	-	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
3	60 NE	-	Tidal river or stream.	Catchment Area: 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	60 NE	-	Tidal river or stream.	Catchment Area: 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	74 N	River Thames	Tidal river or stream.	Catchment 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
52	74 N	River Thames	Tidal river or stream.	Catchment 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
5	88 NE	River Thames	Tidal river or stream.	Catchment 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
53	88 NE	River Thames	Tidal river or stream.	Catchment 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

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
5	N
119	N