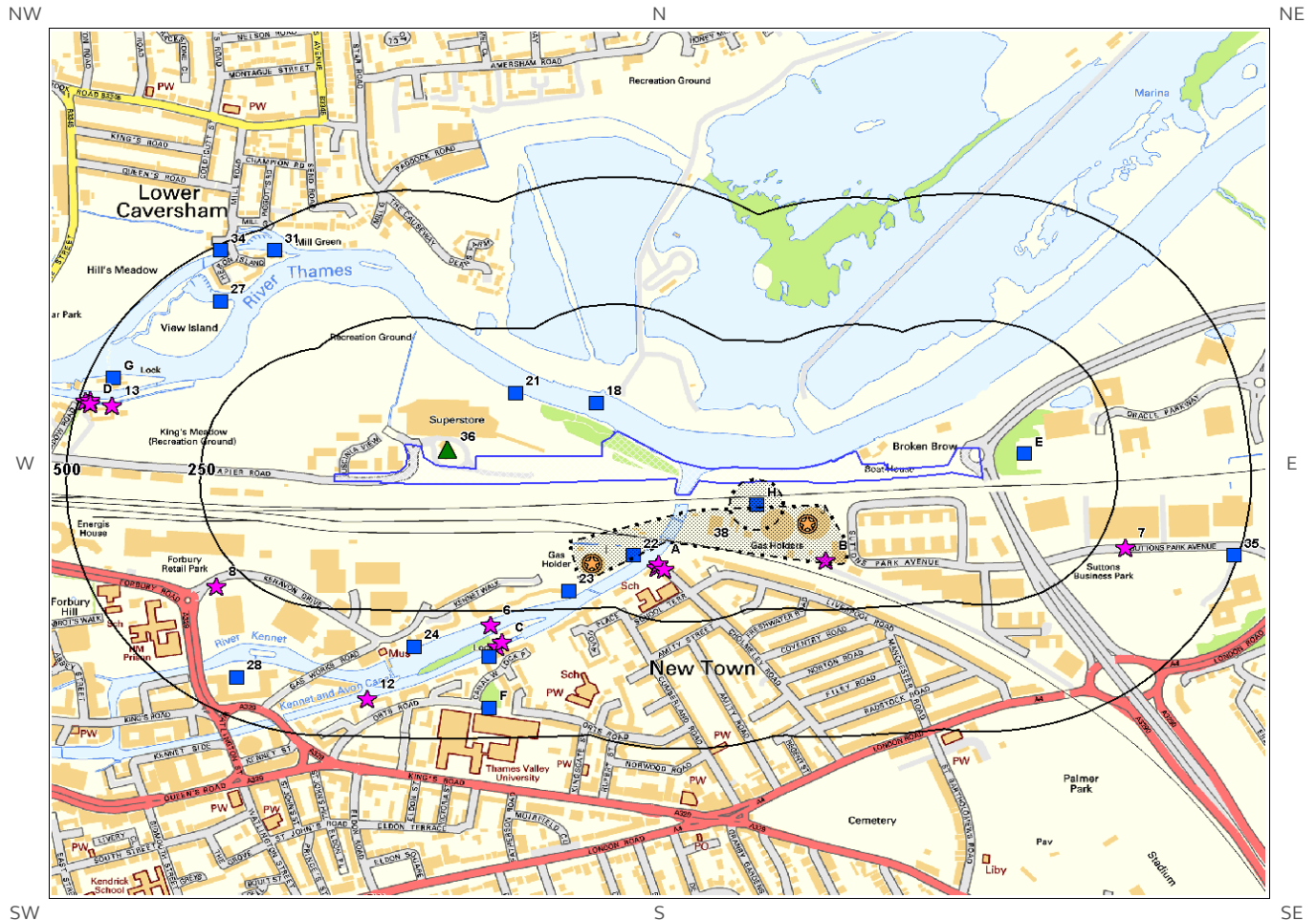


691AN	217	S	Unspecified Pit	1938
692AN	222	S	Unspecified Pit	1913
693AN	222	S	Unspecified Pit	1938
694CN	306	S	Canal	1933
695CN	313	S	Canal	1938
696CO	322	N	Gravel Pit	1971
697	350	N	Pond	1878
698BD	433	N	Gravel Pit	1989
699BD	435	N	Gravel Pit	1994
700CP	476	E	Disused Brick Works	1898

2. Environmental Permits, Incidents and Registers Map



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2. Environmental Permits, Incidents and Registers

2.1 Industrial Sites Holding Licences and/or Authorisations

Searches of information provided by the Environment Agency 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:

1

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
36	29	N	472622 173905	Address: Tesco Stores Ltd, Tesco Filling Station, Napier Road, Reading, RG1 8DF Process: PG1/14 (06) 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

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
17H	45	S	473200 173800	Address: GASHOLDER STATION, EARLEY, READING,, GASHOLDER STATION, EARLEY, READI, NG, BERKS, -, - Effluent Type: MISCELLANEOUS DISCHARGES - UNSPECIFIED Permit Number: CTCR.0985 Permit Version: 1 Receiving Water: Status: REVOKED - UNSPECIFIED Issue date: 15/02/1968 Effective Date: 09-Dec-1968 Revocation Date: 06/06/1991
18	64	NW	472900 174000	Address: REDLAND AGGREGATES, HENLEY ROAD, DU, REDLAND AGGREGATES, HENLEY ROAD,, DUNSDEN, READING, BERKSHIRE, -, - Effluent Type: TRADE DISCHARGES - MINERAL WORKINGS Permit Number: CTWC.3339 Permit Version: 1 Receiving Water: Status: REVOKED (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 22/05/1989 Effective Date: 22-May-1989 Revocation Date: 19/10/2001
19E	83	E	473700 173900	Address: Suttons Seeds, Suttons Seeds, -, -, - Effluent Type: SEWAGE DISCHARGES - PUMPING STATION - WATER COMPANY Permit Number: TEMP.2031 Permit Version: 1 Receiving Water: Status: TEMPORARY CONSENTS (WATER ACT 1989, SECTION 113) Issue date: 02/11/1989 Effective Date: 02-Nov-1989 Revocation Date: 02/09/2010
20E	83	E	473700 173900	Address: Suttons Seeds, Suttons Seeds, -, -, - Effluent Type: SEWAGE DISCHARGES - PUMPING STATION - WATER COMPANY Permit Number: TEMP.2031 Permit Version: 2 Receiving Water: Status: SURRENDERED UNDER EPR 2010 Issue date: 03/09/2010 Effective Date: 03-Sep-2010 Revocation Date: 13/10/2015

ID	Distance (m)	Direction	NGR	Details
21	124	N	472750 174020	Address: TESCO SUPERSTORE, KINGS MEADOW, REA, TESCO SUPERSTORE, KINGS MEADOW,, READING, BERKSHIRE, -, - Effluent Type: MISCELLANEOUS DISCHARGES - SURFACE WATER Permit Number: CNTW.0610 Permit Version: 1 Receiving Water: Status: TRANSFERRED FROM WATER ACT 1989 Issue date: 19/07/1990 Effective Date: 19-Jul-1990 Revocation Date: -
22	145	SW	472970 173700	Address: READING GASWORKS SITE, OFF KENAVON, READING GASWORKS SITE, OFF KENAV, ON DRIVE, READING, BERKS, -, - Effluent Type: MISCELLANEOUS DISCHARGES - SURFACE WATER Permit Number: CTWC.1648 Permit Version: 1 Receiving Water: Status: LAPSED UNDER SCHEDULE 23 ENVIRONMENT ACT 1995 Issue date: 09/06/1987 Effective Date: 09-Jun-1987 Revocation Date: 01/10/1996
23	215	S	472850 173630	Address: RIVERSIDE DEVELOPMENT, RIVERSIDE, K, RIVERSIDE DEVELOPMENT, RIVERSIDE, , KENAVON DRIVE, READING, BERKSH, IRE, - Effluent Type: MISCELLANEOUS DISCHARGES - SURFACE WATER Permit Number: CNTW.0948 Permit Version: 1 Receiving Water: Status: REVOKED - UNSPECIFIED Issue date: 18/02/1991 Effective Date: 18-Feb-1991 Revocation Date: 04/12/1992
24	320	S	472560 173520	Address: READING GASWORKS SITE, OFF KENAVON, READING GASWORKS SITE, OFF KENAV, ON DRIVE, READING, BERKS, -, - Effluent Type: MISCELLANEOUS DISCHARGES - SURFACE WATER Permit Number: CTWC.1649 Permit Version: 1 Receiving Water: Status: LAPSED UNDER SCHEDULE 23 ENVIRONMENT ACT 1995 Issue date: 09/06/1987 Effective Date: 09-Jun-1987 Revocation Date: 01/10/1996
25C	341	S	472700 173500	Address: BLAKES LOCK HOUSE, BLAKES LOCK, NEA, BLAKES LOCK HOUSE, BLAKES LOCK,, NEAR READING, BERKSHIRE, -, - Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: CSSM.0035 Permit Version: 2 Receiving Water: Status: VARIED BY APPLICATION - (WRA 91 SCHED 10 - AS AMENDED BY ENV ACT 1995) Issue date: 26/05/2006 Effective Date: 26-May-2006 Revocation Date: -
26C	341	S	472700 173500	Address: BLAKES LOCK HOUSE, BLAKES LOCK, NEA, BLAKES LOCK HOUSE, BLAKES LOCK,, NEAR READING, BERKSHIRE, -, - Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: CSSM.0035 Permit Version: 1 Receiving Water: Status: NEW CONSENT, BY APPLICATION (WRA 91, SECTION 88) Issue date: 26/08/1997 Effective Date: 26-Aug-1997 Revocation Date: 25/05/2006
27	401	NW	472200 174200	Address: CAVERSHAM MILL, READING, BERKS, CAVERSHAM MILL, READING, BERKS, -, -, - Effluent Type: MISCELLANEOUS DISCHARGES - UNSPECIFIED Permit Number: CTWC.1438 Permit Version: 1 Receiving Water: Status: REVOKED - UNSPECIFIED Issue date: 23/01/1987 Effective Date: 23-Jan-1987 Revocation Date: 14/05/1991
28	426	SW	472230 173460	Address: NABISCO BRANDS LTD. KINGS ROAD READ, NABISCO BRANDS LTD. KINGS ROAD R, EADING, -, - Effluent Type: MISCELLANEOUS DISCHARGES - SURFACE WATER Permit Number: CTWC.0435 Permit Version: 1 Receiving Water: Status: REVOKED - UNSPECIFIED Issue date: 18/10/1985 Effective Date: 18-Oct-1985 Revocation Date: 08/05/1991

ID	Distance (m)	Direction	NGR	Details	
29F	441	S	472700 173400	Address: Reading, Blakes Lock, Reading, Blakes Lock, -, - Effluent Type: SEWAGE DISCHARGES - PUMPING STATION - WATER COMPANY Permit Number: TEMP.1768 Permit Version: 2	Receiving Water: Status: TEMPORARY CONSENTS (WATER ACT 1989, SECTION 113) Issue date: 03/09/2010 Effective Date: 03-Sep-2010 Revocation Date: -
30F	441	S	472700 173400	Address: Reading, Blakes Lock, Reading, Blakes Lock, -, - Effluent Type: SEWAGE DISCHARGES - PUMPING STATION - WATER COMPANY Permit Number: TEMP.1768 Permit Version: 1	Receiving Water: Status: TEMPORARY CONSENTS (WATER ACT 1989, SECTION 113) Issue date: 02/11/1989 Effective Date: 02-Nov-1989 Revocation Date: 02/09/2010
31	453	NW	472300 174300	Address: BRITCORK WORKS, CAVERSHAM, READING,, BRITCORK WORKS, CAVERSHAM, READING, NG, BERKS, -, - Effluent Type: TRADE DISCHARGES - COOLING WATER Permit Number: CTR.1245 Permit Version: 1	Receiving Water: Status: REVOKED - UNSPECIFIED Issue date: 11/10/1971 Effective Date: 11-Oct-1971 Revocation Date: 23/01/1987
32G	455	NW	472000 174050	Address: CAVERSHAM LOCK HOUSE, CAVERSHAM, RE, CAVERSHAM LOCK HOUSE, CAVERSHAM,, READING, BERKSHIRE, -, - Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: CSSM.0015 Permit Version: 2	Receiving Water: Status: VARIED BY APPLICATION - (WRA 91 SCHED 10 - AS AMENDED BY ENV ACT 1995) Issue date: 26/05/2006 Effective Date: 26-May-2006 Revocation Date: -
33G	455	NW	472000 174050	Address: CAVERSHAM LOCK HOUSE, CAVERSHAM, RE, CAVERSHAM LOCK HOUSE, CAVERSHAM,, READING, BERKSHIRE, -, - Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: CSSM.0015 Permit Version: 1	Receiving Water: Status: NEW CONSENT, BY APPLICATION (WRA 91, SECTION 88) Issue date: 03/10/1995 Effective Date: 03-Oct-1995 Revocation Date: 25/05/2006
34	489	NW	472200 174300	Address: BRITCORK WORKS, CAVERSHAM, READING,, BRITCORK WORKS, CAVERSHAM, READING, NG, BERKS, -, - Effluent Type: TRADE DISCHARGES - COOLING WATER Permit Number: CTR.1601 Permit Version: 1	Receiving Water: Status: REVOKED - UNSPECIFIED Issue date: 19/06/1979 Effective Date: 19-Jun-1979 Revocation Date: 23/01/1987
35	491	E	474090 173700	Address: THE GATE HOUSE, SUTTONS BUSINESS PARK, SUTTON PARK AVENUE, READING, BERKS, RG6 1AA Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: CAWM.1080 Permit Version: 1	Receiving Water: Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 08/04/2005 Effective Date: 28-Feb-2005 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:

4

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

ID	Distance (m)	Direction	Application Reference Number	NGR	Application Status	Application Date	Address	Details	Details of Enforcement Action
43J	83	S	No Details	473293 173762	Approved	No Details	Transco Plc, No 5 & 6 Holder Stations, off London Road, Suttons Business Park, Reading, RG1 3LT	No Details	Enforcement: No Enforcements Notified Date of Enforcement: Data requested, not received. Comment: Data requested, not received.
44I	162	S	00/01175/H AZARD	472891 173684	Withdrawn	08/09/2000	British Gas Plc, Kenavon Drive, Reading, RG1 3DJ	Continuation of existing consent for storage of natural gas following a change in control of part of the land (section 17).	Enforcement: No Enforcements Notified Date of Enforcement: No Enforcement Notified Comment: No Enforcement Notified
45I	162	S	99/00038/H AZARD	472891 173684	Historical Consent	15/12/1992	British Gas Plc., Kenavon Drive, Reading, RG1 3DJ	Continuation Of Hazardous Substances Consent Following A Change In Control Of Part Of The Land (section 17).	Enforcement: No Enforcements Notified Date of Enforcement: No Enforcement Notified Comment: No Enforcement Notified
46I	162	S	92/00884/H AZARD	472891 173684	Historical Consent	12/11/1992	British Gas Plc., Kenavon Drive, Reading, RG1 3DJ	Storage of natural gas.	Enforcement: No Enforcements Notified Date of Enforcement: No Enforcement Notified Comment: No Enforcement Notified

2.2 Dangerous or Hazardous Sites

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

2

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
37H	0	On Site	British Gas	British Gas, Reading Holder Station(4&5sites), Gasworks Road, Kennetmouth, London Road, Reading	Historical NIHHS Site	-

ID	Distance (m)	Direction	Company	Address	Operational Status	Tier
38	32	S	Bg Plc	Bg Plc, Bg Transco, London Road, Reading, RG1 3DJ	Historical COMAH Site	-

2.3 Environment Agency Recorded Pollution Incidents

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

16

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

ID	Distance (m)	Direction	NGR	Details
1A	140	S	473015 173684	Incident Date: 26-Nov-2002 Incident Identification: 123096 Pollutant: Sewage Materials Pollutant Description: Grey Water Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
2A	148	S	473012 173677	Incident Date: 16-Apr-2002 Incident Identification: 71997 Pollutant: Oils and Fuel Pollutant Description: Gas and Fuel Oils Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
3A	148	S	473026 173673	Incident Date: 26-Jun-2002 Incident Identification: 87630 Pollutant: Sewage Materials Pollutant Description: Crude Sewage Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
4B	153	S	473328 173690	Incident Date: 04-Jan-2002 Incident Identification: 50474 Pollutant: General Biodegradable Materials and Wastes Pollutant Description: Natural Organic Material Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
5B	153	S	473328 173690	Incident Date: 04-Jan-2002 Incident Identification: 50474 Pollutant: General Biodegradable Materials and Wastes Pollutant Description: Natural Organic Material Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
6	277	S	472703 173564	Incident Date: 16-Mar-2002 Incident Identification: 64464 Pollutant: Oils and Fuel Pollutant Description: Mixed/Waste Oils Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
7	298	SE	473887 173715	Incident Date: 18-Jun-2003 Incident Identification: 166777 Pollutant: Oils and Fuel Pollutant Description: Lubricating Oils Water Impact: Category 3 (Minor) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
8	302	SW	472190 173640	Incident Date: 01-Nov-2002 Incident Identification: 118072 Pollutant: Oils and Fuel Pollutant Description: Gas and Fuel Oils Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
9C	311	S	472724 173530	Incident Date: 04-Oct-2001 Incident Identification: 34552 Pollutant: Oils and Fuel Pollutant Description: Diesel Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)

ID	Distance (m)	Direction	NGR	Details	
10C	311	S	472724 173530	Incident Date: 04-Oct-2001 Incident Identification: 34552 Pollutant: Oils and Fuel Pollutant Description: Diesel	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
11C	321	S	472715 173520	Incident Date: 19-Mar-2002 Incident Identification: 65030 Pollutant: Oils and Fuel Pollutant Description: Unidentified Oil	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
12	425	S	472472 173419	Incident Date: 27-Jun-2003 Incident Identification: 169420 Pollutant: Sewage Materials Pollutant Description: Crude Sewage	Water Impact: Category 3 (Minor) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
13	439	W	471996 173996	Incident Date: 12-Mar-2003 Incident Identification: 142668 Pollutant: Oils and Fuel Pollutant Description: Unidentified Oil	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
14D	477	W	471956 173998	Incident Date: 15-Apr-2002 Incident Identification: 71559 Pollutant: Oils and Fuel Pollutant Description: Unidentified Oil	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
15D	480	W	471956 174006	Incident Date: 22-Apr-2006 Incident Identification: 392777 Pollutant: Pollutant Not Identified Pollutant Description: Not Identified	Water Impact: Category 1 (Major) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
16D	489	W	471946 174004	Incident Date: 24-Jan-2002 Incident Identification: 54242 Pollutant: General Biodegradable Materials and Wastes Pollutant Description: Animal and Vegetable Oil	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) 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.

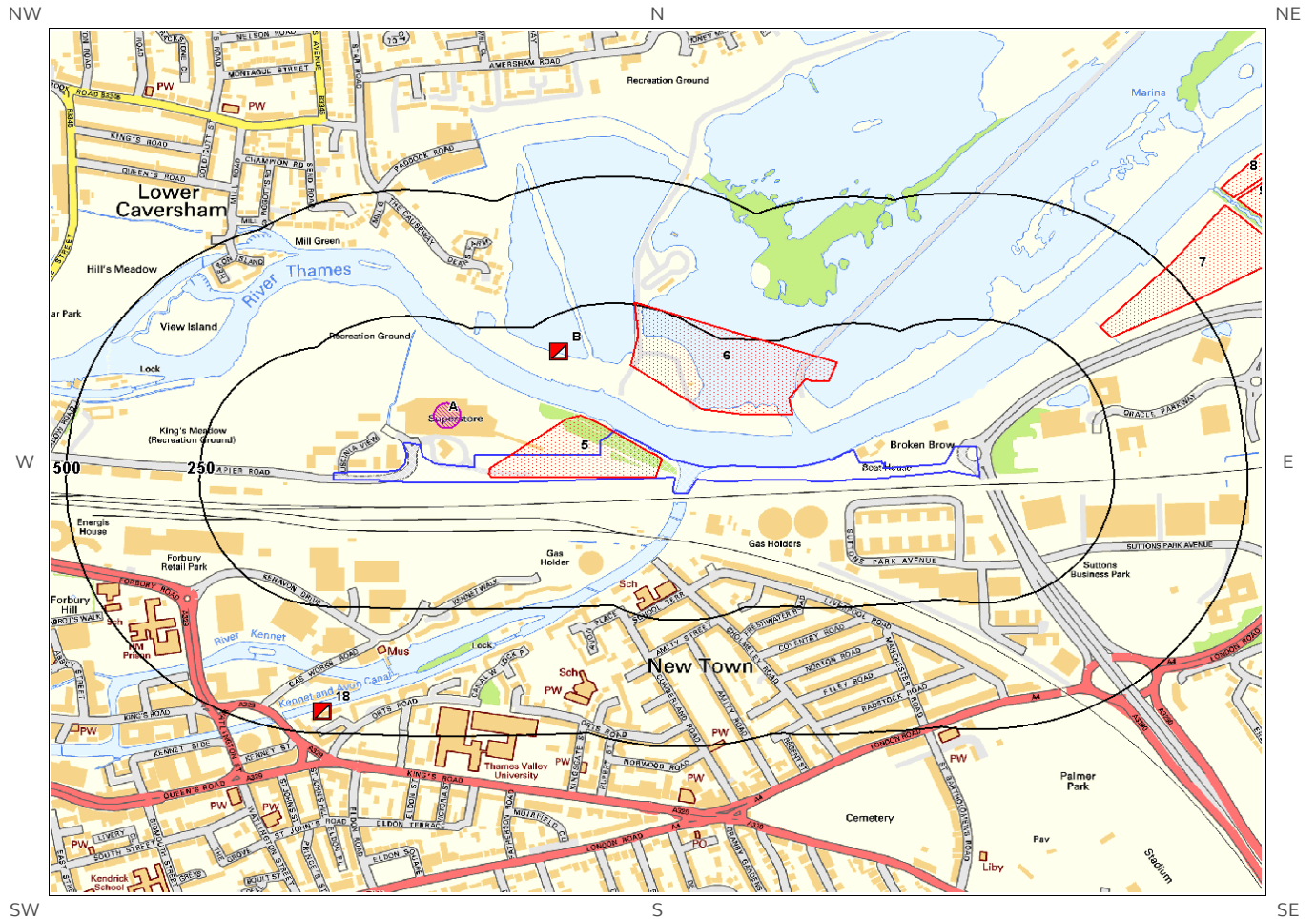
2.4 Sites Determined as Contaminated Land under Part 2A EPA 1990

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

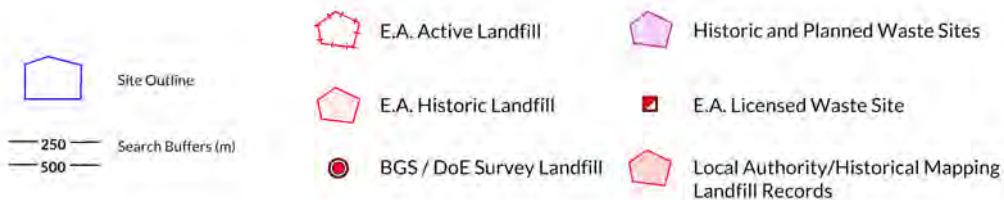
0

Database searched and no data found.

3. Landfill and Other Waste Sites Map



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3. Landfill and Other Waste Sites

3.1 Landfill Sites

3.1.1 Records from Environment Agency landfill data within 1000m of the study site:

0

Database searched and no data found.

3.1.2 Records of Environment Agency historic landfill sites within 1500m of the study site:

11

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
5	0	On Site	472800 173800	Site Address: Napier Road, Reading, Berkshire Waste Licence: - Site Reference: TP0266, RDG3 Waste Type: Inert, Industrial Environmental Permitting Regulations (Waste) Reference: - Licence Issue: Licence Surrendered: Licence Hold Address: - Operator: - First Recorded: - Last Recorded: -
6	103	N	472833 174100	Site Address: Deans Farm, Redlands Pit, Reading, Caversham, Berkshire Waste Licence: Yes Site Reference: - Waste Type: - Environmental Permitting Regulations (Waste) Reference: - Licence Issue: 01-Jun-1992 Licence Surrendered: 13-Apr-2010 Licence Hold Address: Howbery Park, Wallingford, Oxfordshire Operator: Deans Farm First Recorded: - Last Recorded: -
7	331	NE	474000 174200	Site Address: Thames Valley Park, Reading, Berkshire Waste Licence: - Site Reference: WOK3, 54/12/4/231, TP0545 Waste Type: Special Environmental Permitting Regulations (Waste) Reference: - Licence Issue: Licence Surrendered: Licence Hold Address: - Operator: - First Recorded: - Last Recorded: 30-Jun-1989
8	686	NE	474100 174400	Site Address: Thames Valley Park, Reading, Berkshire Waste Licence: Yes Site Reference: TP0546, WOK3, 54/12/4/231, WOK30 Waste Type: Special Environmental Permitting Regulations (Waste) Reference: - Licence Issue: 31-Mar-1988 Licence Surrendered: Licence Hold Address: - Operator: - First Recorded: - Last Recorded: 30-Jun-1989

ID	Distance (m)	Direction	NGR	Details	
9	690	NE	474200 174300	Site Address: Thames Valley Park, Reading, Berkshire Waste Licence: Yes Site Reference: 54/12/4/231, WOK39, TP0541, WOK3 Waste Type: Special Environmental Permitting Regulations (Waste) Reference: -	Licence Issue: 31-Mar-1988 Licence Surrendered: Licence Hold Address: - Operator: - First Recorded: - Last Recorded: 30-Jun-1989
Not shown	765	NE	474400 174200	Site Address: Thames Valley Park, Reading, Berkshire Waste Licence: - Site Reference: TP0543, WOK3, 54/12/4/231 Waste Type: Special Environmental Permitting Regulations (Waste) Reference: -	Licence Issue: Licence Surrendered: Licence Hold Address: - Operator: - First Recorded: - Last Recorded: 30-Jun-1989
Not shown	815	NE	474300 174400	Site Address: Thames Valley Park, Reading, Berkshire Waste Licence: - Site Reference: 54/12/4/231, TP0544, WOK3 Waste Type: Special Environmental Permitting Regulations (Waste) Reference: -	Licence Issue: Licence Surrendered: Licence Hold Address: - Operator: - First Recorded: - Last Recorded: 30-Jun-1989
Not shown	942	NE	474300 174600	Site Address: Thames Valley Park, Reading, Berkshire Waste Licence: Yes Site Reference: 54/12/4/231, TP0542, WOK3, WOK32 Waste Type: Special Environmental Permitting Regulations (Waste) Reference: -	Licence Issue: 31-Mar-1988 Licence Surrendered: Licence Hold Address: - Operator: - First Recorded: 31-Mar-1988 Last Recorded: 30-Jun-1989
Not shown	963	E	474600 174400	Site Address: Power Station, Earley, Buckinghamshire Waste Licence: - Site Reference: 54/12/4/18, TP0487, WOK5 Waste Type: Inert Environmental Permitting Regulations (Waste) Reference: -	Licence Issue: Licence Surrendered: Licence Hold Address: - Operator: - First Recorded: 31-Dec-1945 Last Recorded: 31-Dec-1990
Not shown	985	NE	474500 174600	Site Address: Central Electricity Generating Board, Reading, Berkshire Waste Licence: - Site Reference: - Waste Type: Inert, Industrial Environmental Permitting Regulations (Waste) Reference: -	Licence Issue: Licence Surrendered: Licence Hold Address: - Operator: Central Electricity Generating Board First Recorded: 31-Dec-1945 Last Recorded: -
Not shown	1336	NE	474800 174700	Site Address: Power Station, Earley, Buckinghamshire Waste Licence: - Site Reference: 54/12/4/18, TP0487, WOK5, WOK56 Waste Type: Inert Environmental Permitting Regulations (Waste) Reference: -	Licence Issue: Licence Surrendered: Licence Hold Address: - Operator: - First Recorded: 31-Dec-1945 Last Recorded: 31-Dec-1990

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
Not shown	1063	NE	474500.0 174500.0	Address: CEGB Earley Power Stn, Reading, Berks BGS Number: 1276.0 Risk: Risk to major aquifer Waste Type: N/A

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:

3

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
2A	53	NE	472625 173972	Type of Site: Recycling Facility Site Address: Tesco Stores Ltd, Napier Road, READING, Berkshire, RG1 8DF Planning Application Reference: CON/2008/2689 Date: 01/09/2009 Further Details: Scheme comprises consultation from reading borough council to re- site recycling area including replacement of recycling units with a single automated tomra recycling unit together with enabling works, recycling area to be reinstated with 20 parking baynew recycling area to result in no loss of parking bays, total net gain of parking spaces = 20 from current level. Construction - black top surfacing, hardcore site works. An application (ref: CON/2008/2689) for detailed planning permission was submitted to Wokingham B.C. Data Source: Historic Planning Application Data Type: Point

ID	Distance (m)	Direction	NGR	Details	
3A	53	NE	472625 173972	Type of Site: Recycling Unit Site Address: Tesco Extra, Napier Road, READING, Berkshire, RG1 8DF Planning Application Reference: 07/00672/FUL Date: -	Further Details: Scheme comprises installation of replacement TOMRA recycling unit together with associated enlarging works. An application (ref: 07/00672/FUL) for detailed planning permission was granted by Reading B.C. Planning decision obtained Data Source: Historic Planning Application Data Type: Point
4A	53	NE	472625 173972	Type of Site: Recycling Centre Site Address: Tesco Extra, Napier Road, READING, Berkshire, RG1 8DF Planning Application Reference: 08/01583/FUL Date: -	Further Details: Scheme comprises re-siting of recycling area including replacement of recycling units with a single automated tomra recycling unit together with associated enabling works, recycling area to be reinstated with 20 parking bays, new recycling area to resuin no loss of parking bays, total net gain of parking spaces = 20 from current level. Construction - black top surfacing site works. An application (ref: 08/01583/FUL) for detailed planning permission was withdrawn from Reading B.C. A detailed planning application has been withdrawn. Data Source: Historic Planning Application Data Type: Point

3.2.2 Records of Environment Agency licensed waste sites within 1500m of the study site:

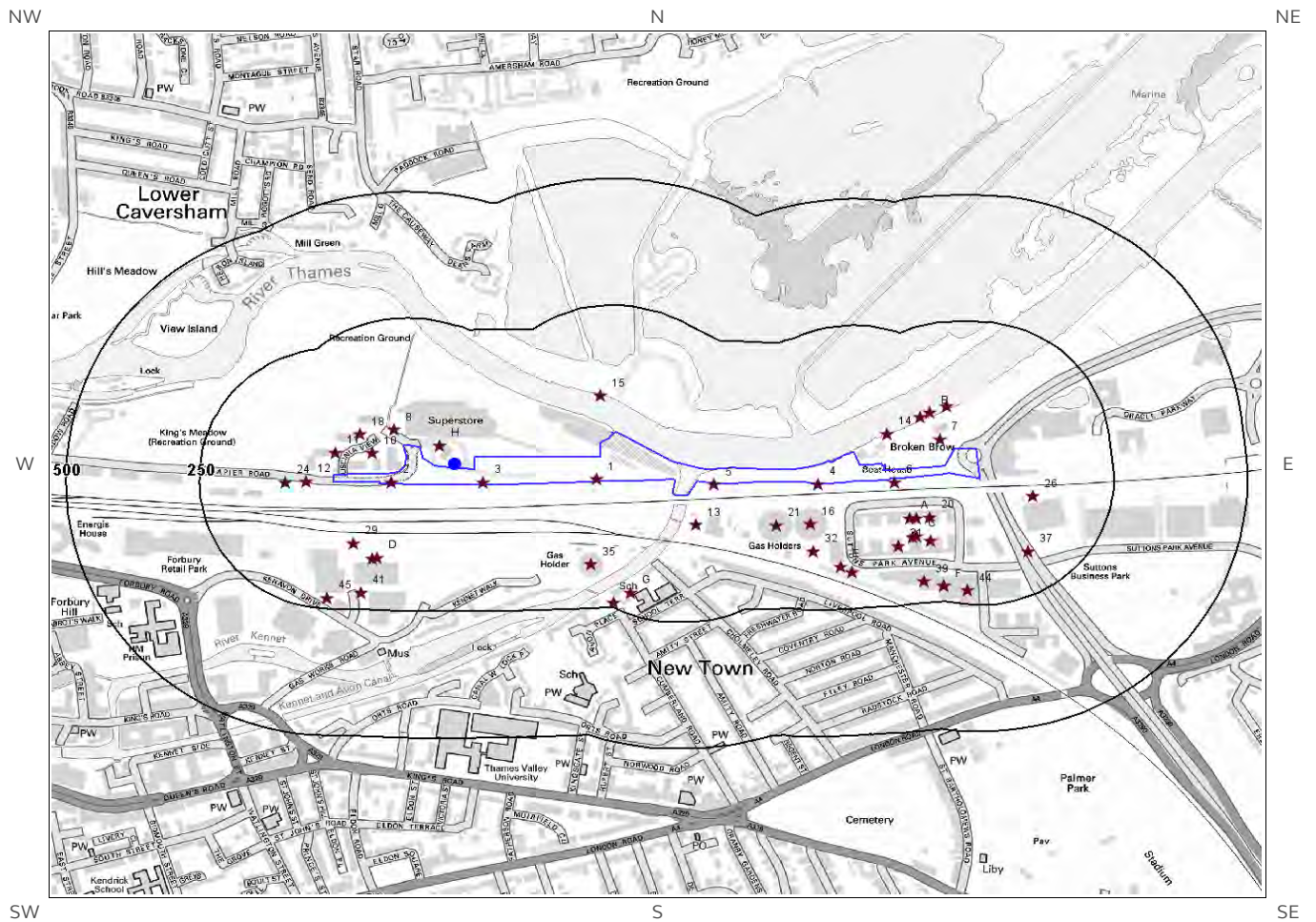
3

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	
16B	184	NW	472833 174100	Site Address: Environment Agency West Area _____, Deans Farm, Redlands Pit, Caversham, Reading, Berkshire, RG4 5JZ Type: Landfill taking other wastes Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: EAW001 EPR reference: EA/EPR/CP3494LR/S001 Operator: Environment Agency Waste Management licence No: 86148 Annual Tonnage: 0.0	Issue Date: 01/06/1992 Effective Date: - Modified: - Surrendered Date: 13/04/2010 Expiry Date: - Cancelled Date: - Status: Surrendered Site Name: Deans Farm Correspondence Address: -, -

ID	Distance (m)	Direction	NGR	Details	
17B	184	NW	472833 174100	Site Address: Environment Agency West Area_____, Deans Farm, Redlands Pit, Caversham, Reading, Berks, RG4 5JZ Type: Landfill taking other wastes Size: >= 25000 tonnes < 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: EAW001 EPR reference: - Operator: Environment Agency Waste Management licence No: 86148 Annual Tonnage: 400.0	Issue Date: 01/06/1992 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Closure Site Name: Deans Farm Correspondence Address: Environment Agency, Isis House, Howbery Park, Wallingford, Oxon, OX10 8BD
18	456	S	472390 173390	Site Address: Omega Park, Alton, Hampshire, GU34 2QE Type: Household, Commercial & Industrial Waste T Stn Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: HOP003 EPR reference: - Operator: Hopkins Recycling Ltd Waste Management licence No: 83406 Annual Tonnage: 4910.0	Issue Date: 15/10/2002 Effective Date: - Modified: 17/12/2004 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified Site Name: Alton House Waste Recycling Centre Correspondence Address: -, Hopkins Recycling Limited, Unit 10, Bridge Farm, Curbridge, Botley, Southampton, Hampshire, SO30 2HB

4. Current Land Use Map



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Site Outline

★ Current Industrial Sites

— Electricity Transmission Cables

— 250 — Search Buffers (m)
— 500 —

● 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:

46

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	Pylon	472905 173852	RG1	Electrical Features	Infrastructure and Facilities
2	0	On Site	Pylon	472520 173846	RG1	Electrical Features	Infrastructure and Facilities
3	0	On Site	Pylon	472692 173846	RG1	Electrical Features	Infrastructure and Facilities
4	0	S	Pylon	473319 173843	RG6	Electrical Features	Infrastructure and Facilities
5	2	S	Pylon	473124 173842	RG1	Electrical Features	Infrastructure and Facilities
6	7	S	Pylon	473462 173846	RG6	Electrical Features	Infrastructure and Facilities
7	33	NW	Tank	473547 173931	RG6	Tanks (Generic)	Industrial Features
8	37	NW	Electricity Sub Station	472525 173950	RG1	Electrical Features	Infrastructure and Facilities
9H	37	E	Tesco Reading Extra	472611 173919	Napier Road, Reading, RG1 8DF	Petrol and Fuel Stations	Road and Rail
10	42	N	Electricity Sub Station	472484 173904	RG1	Electrical Features	Infrastructure and Facilities
11	45	N	Electricity Sub Station	472415 173905	RG1	Electrical Features	Infrastructure and Facilities
12	52	W	Pylon	472360 173848	RG1	Electrical Features	Infrastructure and Facilities
13	60	S	Cooling Tower	473090 173762	RG1	Chimneys	Industrial Features
14	61	N	Outfall	473447 173942	RG6	Waste Storage, Processing and Disposal	Infrastructure and Facilities
15	75	N	Outfall	472911 174017	RG4	Waste Storage, Processing and Disposal	Infrastructure and Facilities
16	79	S	Gas Holder	473304 173764	RG6	Gas Features	Infrastructure and Facilities
17A	80	S	Golden Star Computer UK Ltd	473490 173775	Unit 6 Suttons Business Park, Sutton Park Avenue, Earley, Reading, RG6 1AZ	Electrical Equipment Repair and Servicing	Repair and Servicing
18	80	N	Electricity Sub Station	472462 173941	RG1	Electrical Features	Infrastructure and Facilities

ID	Distance (m)	Direction	Company	NGR	Address	Activity	Category
19A	82	S	Cardanett Janitorial Services	473503 173774	Unit 7 Suttons Business Park, Sutton Park Avenue, Earley, Reading, RG6 1AZ	Cleaning Equipment and Supplies	Industrial Products
20	82	S	Maxtag UK Ltd	473527 173776	Unit 8 Suttons Business Park, Sutton Park Avenue, Earley, Reading, RG6 1AZ	Electronic Equipment	Industrial Products
21	85	S	Gas Holder	473240 173761	RG1	Gas Features	Infrastructure and Facilities
22B	85	NW	Landing Stage	473527 173983	RG6	Moorings and Unloading Facilities	Water
23B	85	N	Landing Stage	473560 173996	RG6	Moorings and Unloading Facilities	Water
24	90	W	Electricity Sub Station	472322 173846	RG1	Electrical Features	Infrastructure and Facilities
25B	91	NW	Landing Stage	473509 173975	RG6	Moorings and Unloading Facilities	Water
26	104	E	Electricity Sub Station	473721 173819	RG6	Electrical Features	Infrastructure and Facilities
27C	116	S	Electricity Sub Station	473503 173740	RG6	Electrical Features	Infrastructure and Facilities
28C	117	S	Electricity Sub Station	473496 173738	RG6	Electrical Features	Infrastructure and Facilities
29	119	S	Electricity Sub Station	472449 173726	RG1	Electrical Features	Infrastructure and Facilities
30C	129	S	Access I S	473529 173729	Unit 18-20 Suttons Business Park, Sutton Park Avenue, Earley, Reading, RG6 1AZ	Electronic Equipment	Industrial Products
31	132	S	G P T	473468 173720	Unit 15 Suttons Business Park, Sutton Park Avenue, Earley, Reading, RG6 1AZ	Printing Related Machinery	Industrial Products
32	133	S	Tank	473310 173710	RG1	Tanks (Generic)	Industrial Features
33D	146	S	Tank	472493 173697	RG1	Tanks (Generic)	Industrial Features
34D	149	S	Electricity Sub Station	472485 173695	RG1	Electrical Features	Infrastructure and Facilities
35	162	S	Gas Holder	472894 173684	RG1	Gas Features	Infrastructure and Facilities
36E	164	S	Electricity Sub Station	473361 173680	RG6	Electrical Features	Infrastructure and Facilities
37	168	SE	Gantry	473711 173710	RG6	Travelling Cranes and Gantries	Industrial Features
38E	176	S	Homeview Windows & Conservatories Ltd	473381 173669	Unit 60 Suttons Business Park, Sutton Park Avenue, Earley, Reading, RG6 1AZ	Conservatories	Consumer Products
39	207	S	Picking Pack Service Point	473517 173650	Unit 56 Suttons Business Park, Sutton Park Avenue, Earley, Reading, RG6 1AZ	Published Goods	Industrial Products
40G	209	SW	Tank	472968 173628	RG1	Tanks (Generic)	Industrial Features
41	217	S	Electricity Sub Station	472463 173628	RG1	Electrical Features	Infrastructure and Facilities

ID	Distance (m)	Direction	Company	NGR	Address	Activity	Category
42F	219	S	FPS Ltd	473553 173641	Unit 54 Suttons Business Park, Sutton Park Avenue, Earley, Reading, RG6 1AZ	Distribution and Haulage	Transport, Storage and Delivery
43F	219	S	FPS Ltd	473553 173641	Unit 54 Suttons Business Park, Sutton Park Avenue, Earley, Reading, RG6 1AZ	Vehicle Parts and Accessories	Motoring
44	222	S	M E I UK International Ltd	473597 173632	Unit 51-52 Suttons Business Park, Sutton Park Avenue, Earley, Reading, RG6 1AZ	Electrical Components	Industrial Products
45	227	S	Electricity Sub Station	472399 173618	RG1	Electrical Features	Infrastructure and Facilities
46G	238	S	Electricity Sub Station	472936 173609	RG1	Electrical Features	Infrastructure and Facilities

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
47H	7	N	472639 173881	Tesco Extra	Tesco Reading Extra, Napier Road, Napier Road, Kingsmeadow, Reading, Berkshire, RG1 8DF	No	Open

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
ALV	ALLUVIUM	CLAY, SILT, SAND AND GRAVEL [UNLITHIFIED DEPOSITS CODING SCHEME]
KPGR	KEMPTON PARK GRAVEL FORMATION	SAND AND GRAVEL [UNLITHIFIED DEPOSITS CODING SCHEME]

5.3 Bedrock and Solid Geology

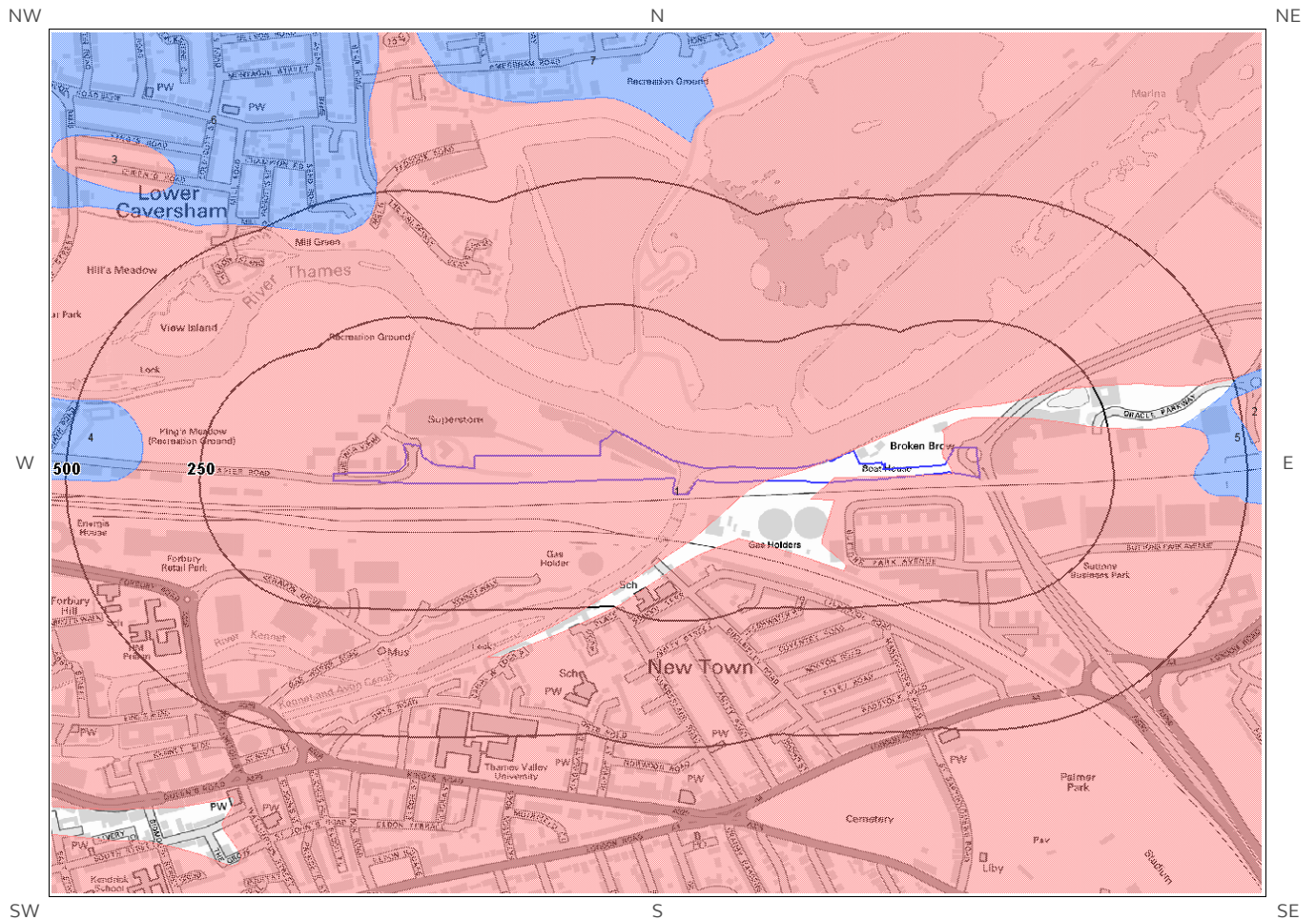
The database has been searched on site, including a 50m buffer.

Lex Code	Description	Rock Type
SNCK-CHLK	SEAFORD CHALK FORMATION AND NEWHAVEN CHALK FORMATION (UNDIFFERENTIATED)	CHALK

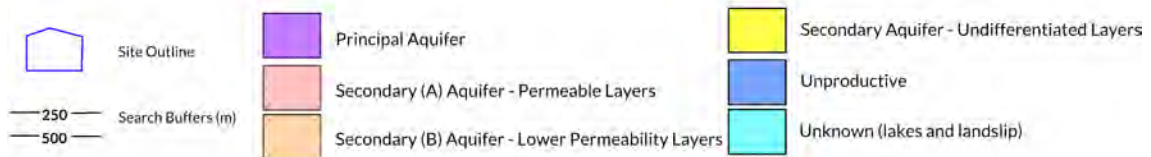
(Derived from the BGS 1:50,000 Digital Geological Map of Great Britain)

6 Hydrogeology and Hydrology

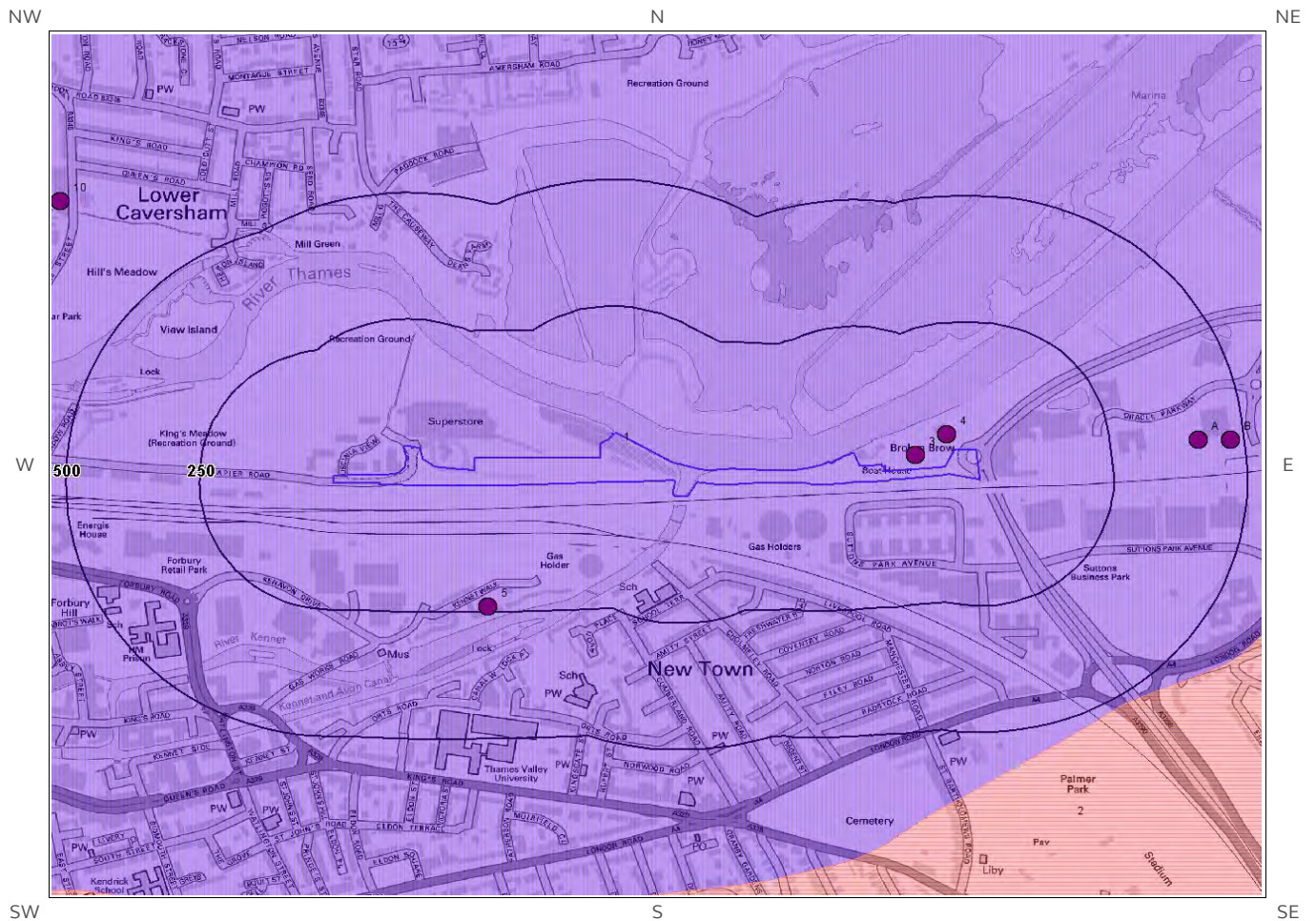
6a. Aquifer Within Superficial Geology



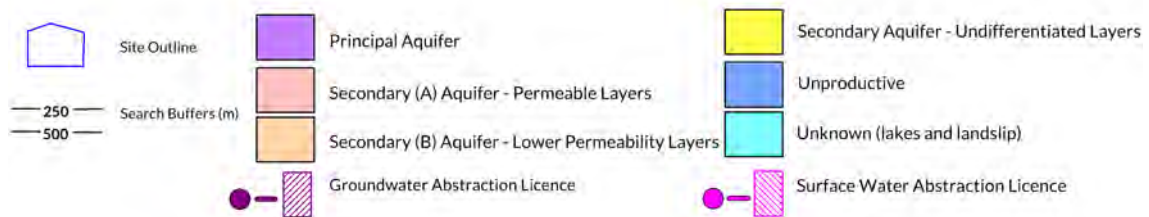
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6b. Aquifer Within Bedrock Geology and Abstraction Licenses

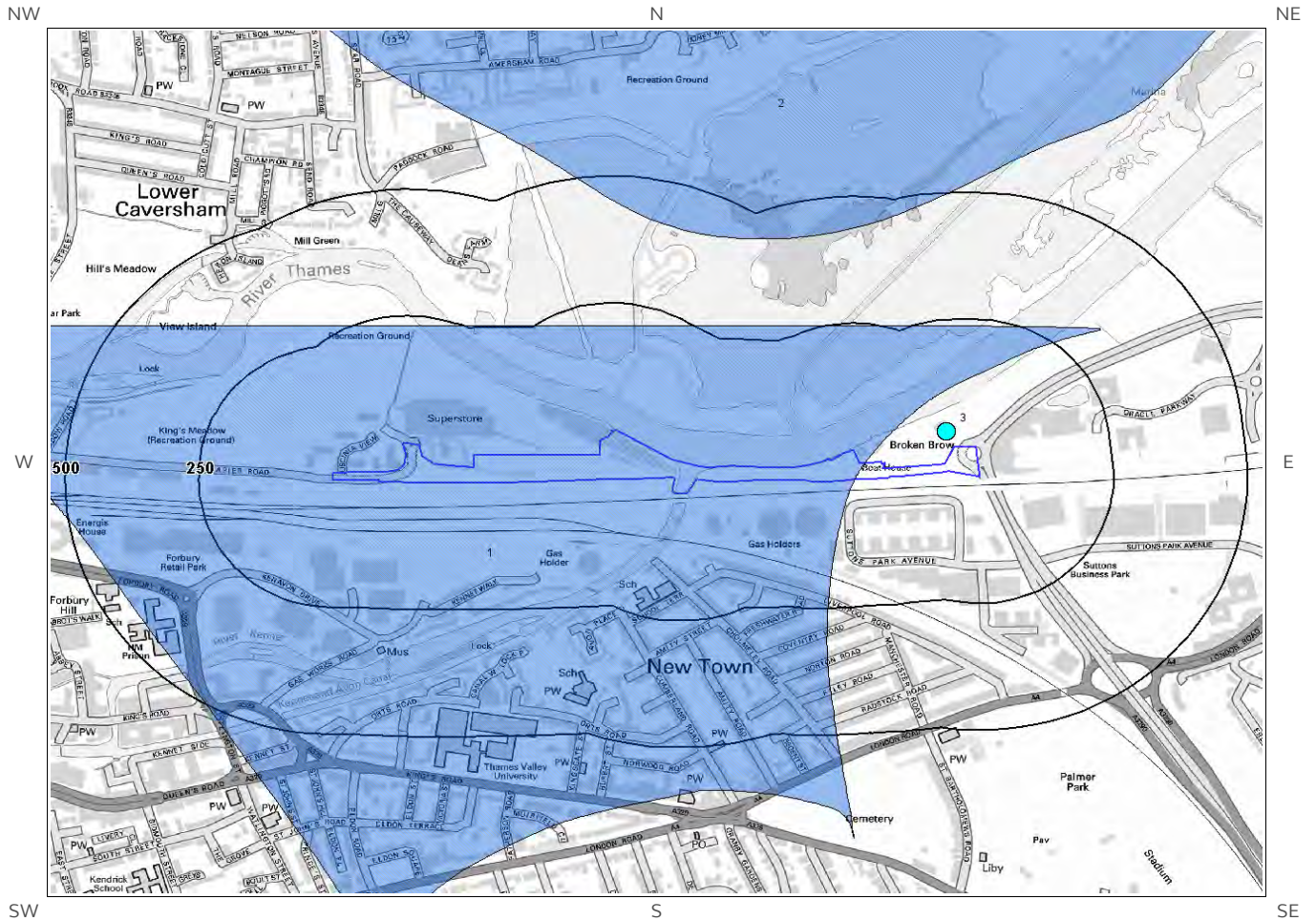


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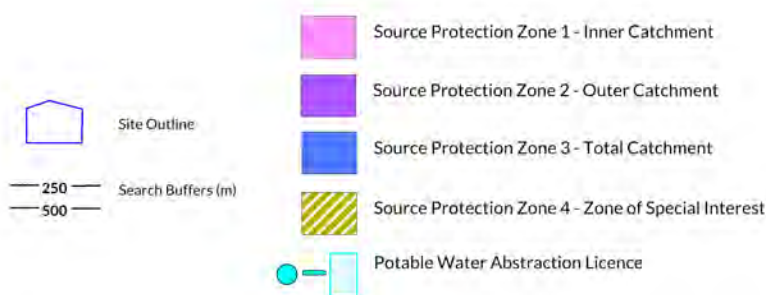




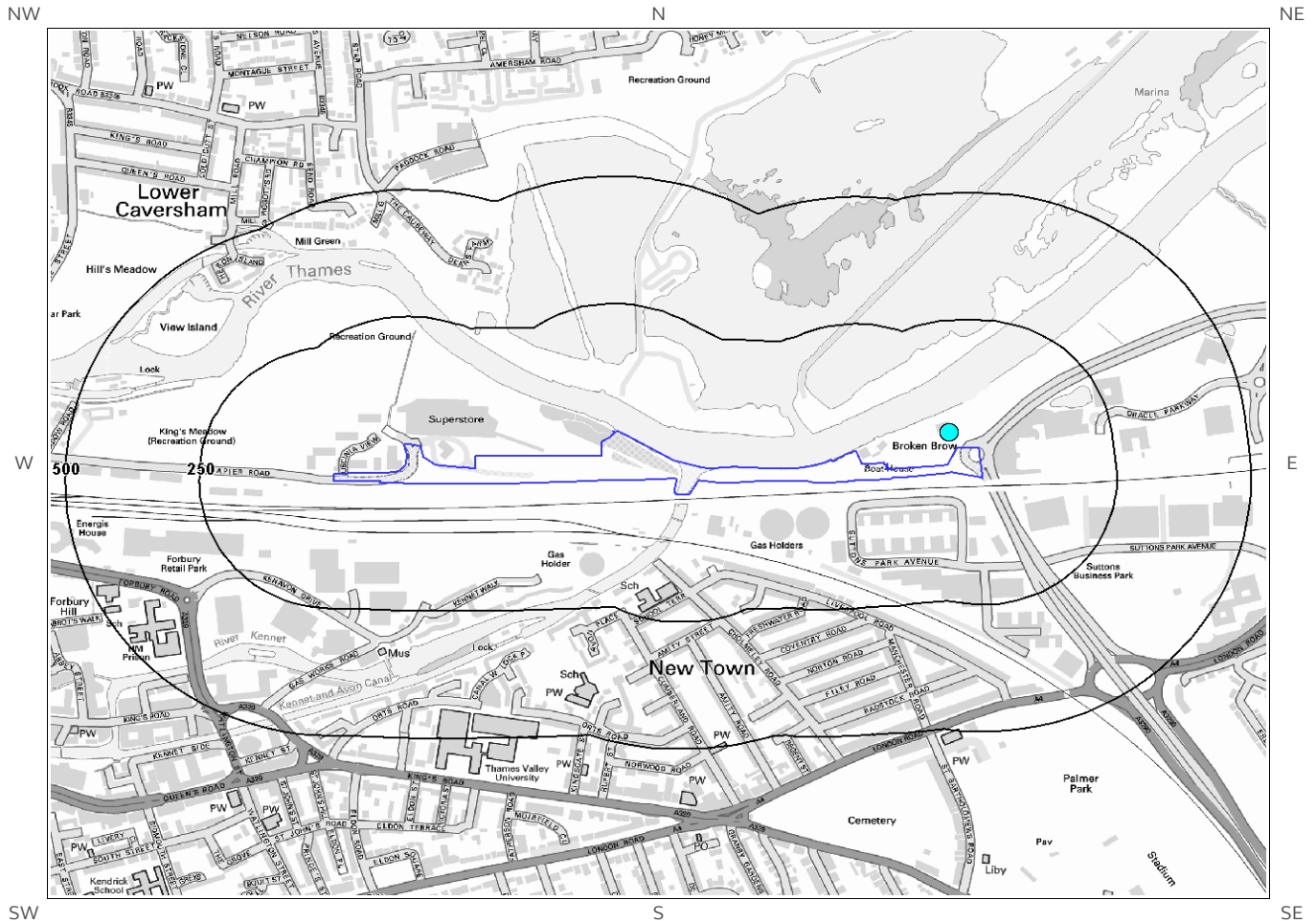
6c. Hydrogeology – Source Protection Zones and Potable Water Abstraction Licenses



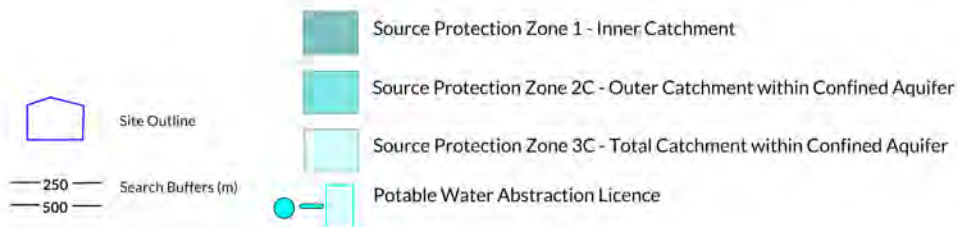
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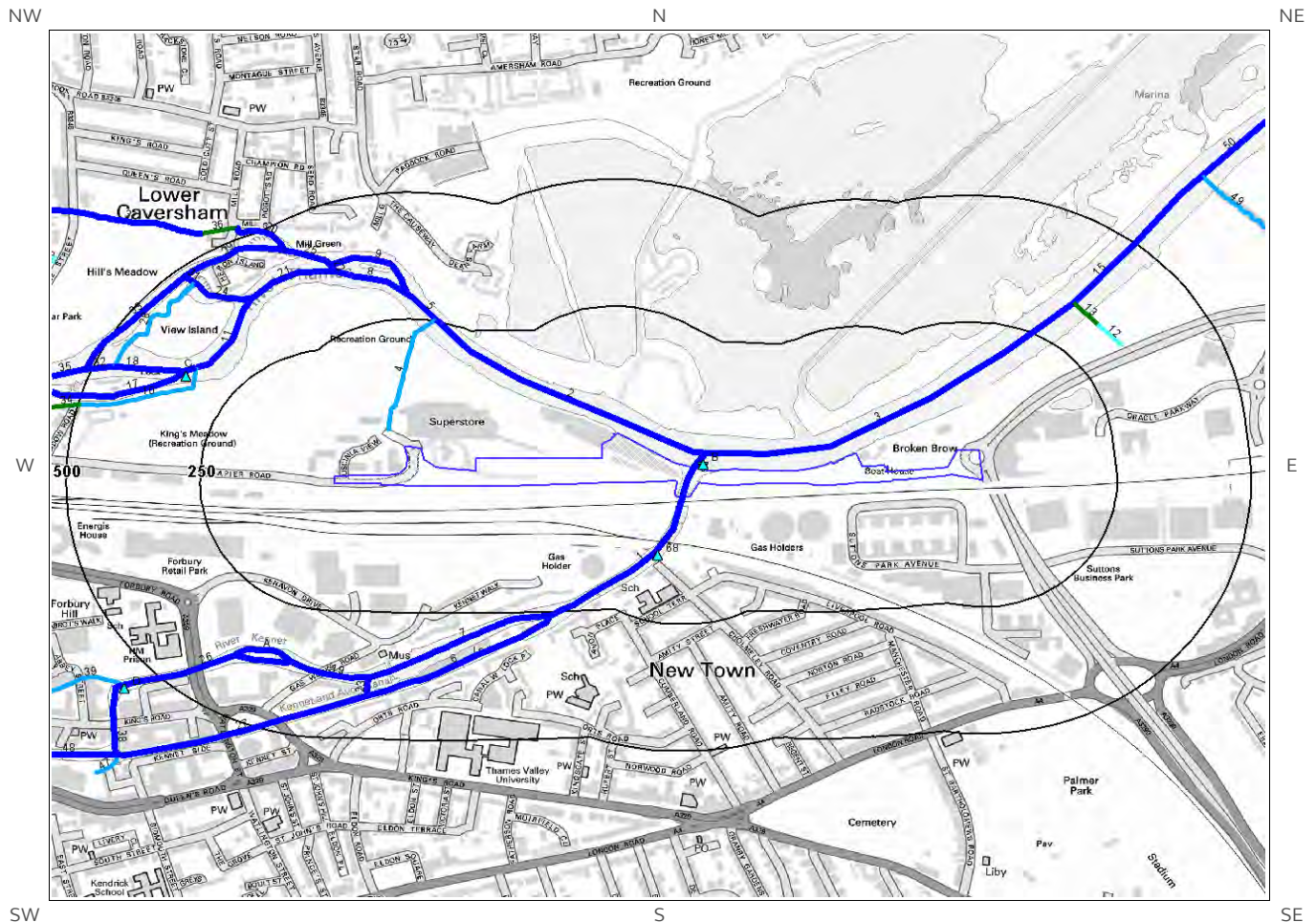
6d. Hydrogeology – Source Protection Zones within confined aquifer



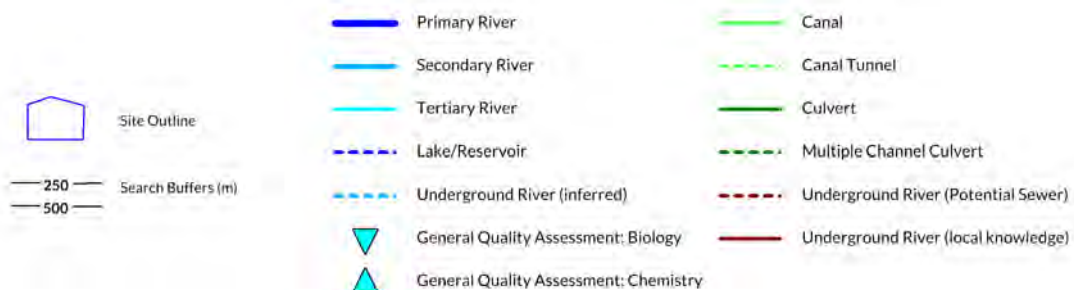
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6e. Hydrology – Detailed River Network and River Quality



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6. Hydrogeology and Hydrology

6.1 Aquifer within Superficial Deposits

Are there records of strata classification within the superficial geology at or in proximity to the property? Yes

From 1 April 2010, the Environment Agency'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 Enviroinsight 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
4	361	W	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
5	385	E	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
6	433	N	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
2	485	E	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

Are there records of strata classification within the bedrock geology at or in proximity to the property? Yes

From 1 April 2010, the Environment Agency'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 Enviroinsight 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

6.3 Groundwater Abstraction Licences

Are there any Groundwater Abstraction Licences within 2000m of the study site?

Yes

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
3	27	N	473500 173900	Status: Historical Licence No: 28/39/23/0016 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: Thames Groundwater Point: Reading University Research Site, Reading, - Well 'a' Data Type: Point Name: UNIVERSITY OF READING Annual Volume (m³): 1136 Max Daily Volume (m³): 22.73 Original Application No: WR.A/348/2 Original Start Date: 14/3/1966 Expiry Date: - Issue No: 100 Version Start Date: 1/4/2008 Version End Date:
4	31	NW	473560 173940	Status: Active Licence No: 28/39/23/0191 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Borehole At Waterside Centre, Thames Valley Park Road Data Type: Point Name: WOKINGHAM WATERSIDE CENTRE LTD Annual Volume (m³): 2600 Max Daily Volume (m³): 25 Original Application No: - Original Start Date: 21/12/2000 Expiry Date: - Issue No: 3 Version Start Date: 1/4/2008 Version End Date:
5	241	S	472700 173600	Status: Historical Licence No: 28/39/22/0600 Details: Pollution Remediation Direct Source: Thames Groundwater Point: Former Gasworks, Kenavon Drive, Reading (5 Boreholes) Data Type: Point Name: M J GLEESON GROUP PLC Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: WRW/A/1061 Original Start Date: 31/7/2000 Expiry Date: 31/08/2001 Issue No: 1 Version Start Date: 31/7/2000 Version End Date:
6A	414	E	474030 173930	Status: Historical Licence No: 28/39/23/0175 Details: Make-Up Or Top Up Water Direct Source: Thames Groundwater Point: Thames Valley Park, Reading - Borehole 'a' Data Type: Point Name: THAMES VALLEY PARK MANCO LTD Annual Volume (m³): 50750 Max Daily Volume (m³): 750 Original Application No: - Original Start Date: 6/4/1995 Expiry Date: 30/9/2010 Issue No: 101 Version Start Date: 1/10/1999 Version End Date:
7A	414	E	474030 173930	Status: Historical Licence No: 28/39/23/0175 Details: Spray Irrigation - Direct Direct Source: Thames Groundwater Point: Thames Valley Park, Reading - Borehole 'a' Data Type: Point Name: THAMES VALLEY PARK MANCO LTD Annual Volume (m³): 50750 Max Daily Volume (m³): 750 Original Application No: - Original Start Date: 6/4/1995 Expiry Date: 30/9/2010 Issue No: 101 Version Start Date: 1/10/1999 Version End Date:
8B	473	E	474090 173930	Status: Historical Licence No: 28/39/23/0175 Details: Spray Irrigation - Direct Direct Source: Thames Groundwater Point: Thames Valley Park, Reading, - Borehole 'b' Data Type: Point Name: THAMES VALLEY PARK MANCO LTD Annual Volume (m³): 50750 Max Daily Volume (m³): 750 Original Application No: - Original Start Date: 6/4/1995 Expiry Date: 30/9/2010 Issue No: 101 Version Start Date: 1/10/1999 Version End Date:

ID	Distance (m)	Direction	NGR	Details
9B	473	E	474090 173930	Status: Historical Licence No: 28/39/23/0175 Details: Make-Up Or Top Up Water Direct Source: Thames Groundwater Point: Thames Valley Park, Reading, - Borehole 'b' Data Type: Point Name: THAMES VALLEY PARK MANCO LTD Annual Volume (m³): 50750 Max Daily Volume (m³): 750 Original Application No: - Original Start Date: 6/4/1995 Expiry Date: 30/9/2010 Issue No: 101 Version Start Date: 1/10/1999 Version End Date:
10	745	NW	471900 174400	Status: Active Licence No: 28/39/23/0020 Details: Laundry Use Direct Source: Thames Groundwater Point: 72 George Street, Caversham, - Borehole 'a' Data Type: Point Name: WHITE KNIGHT LAUNDRY SERVICES LTD Annual Volume (m³): 68190 Max Daily Volume (m³): 300.04 Original Application No: - Original Start Date: 9/5/1966 Expiry Date: - Issue No: 101 Version Start Date: 30/12/2004 Version End Date:
Not shown	1045	S	472400 172800	Status: Active Licence No: 28/39/22/0521 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Royal Berkshire Hospital Data Type: Point Name: ROYAL BERKSHIRE HOSPITAL Annual Volume (m³): 127750 Max Daily Volume (m³): 350 Original Application No: WRA/5950 Original Start Date: 17/1/1992 Expiry Date: - Issue No: 100 Version Start Date: 17/1/1992 Version End Date:
Not shown	1080	N	473830 174970	Status: Active Licence No: 28/39/23/0011 Details: Mineral Washing Direct Source: Thames Groundwater Point: Deans Farm, Caversham, - Gravel Wet Pit, Point 'b' Data Type: Point Name: Tarmac Aggregates Limited Annual Volume (m³): 210860 Max Daily Volume (m³): 1223 Original Application No: NPS/WR/020814 Original Start Date: 14/2/1966 Expiry Date: - Issue No: 106 Version Start Date: 26/10/2015 Version End Date:
Not shown	1080	N	473830 174970	Status: Active Licence No: 28/39/23/0011 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: Thames Groundwater Point: Deans Farm, Caversham, - Gravel Wet Pit, Point 'b' Data Type: Point Name: Tarmac Aggregates Limited Annual Volume (m³): 210860 Max Daily Volume (m³): 1223 Original Application No: NPS/WR/020814 Original Start Date: 14/2/1966 Expiry Date: - Issue No: 106 Version Start Date: 26/10/2015 Version End Date:
Not shown	1089	N	473830 174980	Status: Active Licence No: 28/39/23/0011 Details: Mineral Washing Direct Source: Thames Groundwater Point: Deans Farm, Caversham, Gravel Wet Pit, Point 'a' Data Type: Point Name: Tarmac Aggregates Limited Annual Volume (m³): 210860 Max Daily Volume (m³): 1223 Original Application No: NPS/WR/020814 Original Start Date: 14/2/1966 Expiry Date: - Issue No: 106 Version Start Date: 26/10/2015 Version End Date:
Not shown	1089	N	473830 174980	Status: Active Licence No: 28/39/23/0011 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: Thames Groundwater Point: Deans Farm, Caversham, Gravel Wet Pit, Point 'a' Data Type: Point Name: Tarmac Aggregates Limited Annual Volume (m³): 210860 Max Daily Volume (m³): 1223 Original Application No: NPS/WR/020814 Original Start Date: 14/2/1966 Expiry Date: - Issue No: 106 Version Start Date: 26/10/2015 Version End Date:

ID	Distance (m)	Direction	NGR	Details	
Not shown	1260	W	471200 173500	Status: Active Licence No: 28/39/23/0042 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Cheapside, Reading, Berkshire Data Type: Point Name: PRIMARK STORES LIMITED	Annual Volume (m³): 14933 Max Daily Volume (m³): 40.91 Original Application No: - Original Start Date: 11/7/1966 Expiry Date: - Issue No: 101 Version Start Date: 1/4/2008 Version End Date:
Not shown	1532	W	470900 174100	Status: Historical Licence No: 28/39/23/0041 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Cardiff Road, Reading, Berkshire Data Type: Point Name: COX & WYMAN LTD	Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: WR.A/1988 Original Start Date: 11/7/1966 Expiry Date: - Issue No: 100 Version Start Date: 11/7/1966 Version End Date:
Not shown	1532	W	470900 174100	Status: Historical Licence No: 28/39/23/0041 Details: Non-Evaporative Cooling Direct Source: Thames Groundwater Point: Cardiff Road, Reading, Berkshire Data Type: Point Name: COX & WYMAN LTD	Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: WR.A/1988 Original Start Date: 11/7/1966 Expiry Date: - Issue No: 100 Version Start Date: 11/7/1966 Version End Date:
Not shown	1532	W	470900 174100	Status: Active Licence No: 28/39/23/0167 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Meadow Road, Reading, Berkshire Data Type: Point Name: MANROSE MANUFACTURING LTD	Annual Volume (m³): 90920 Max Daily Volume (m³): 727.4 Original Application No: - Original Start Date: 23/1/1990 Expiry Date: - Issue No: 101 Version Start Date: 30/6/2006 Version End Date:
Not shown	1532	W	470900 174100	Status: Active Licence No: 28/39/23/0167 Details: Non-Evaporative Cooling Direct Source: Thames Groundwater Point: Meadow Road, Reading, Berkshire Data Type: Point Name: MANROSE MANUFACTURING LTD	Annual Volume (m³): 90920 Max Daily Volume (m³): 727.4 Original Application No: - Original Start Date: 23/1/1990 Expiry Date: - Issue No: 101 Version Start Date: 30/6/2006 Version End Date:
Not shown	1818	W	470600 174000	Status: Active Licence No: 28/39/23/0128 Details: Process Water Direct Source: Thames Groundwater Point: Cardiff Road, Reading Point B Data Type: Point Name: HILLIER GROUP OF COMPANIES	Annual Volume (m³): 6682 Max Daily Volume (m³): 27.28 Original Application No: WR.A/4547 Original Start Date: 22/1/1975 Expiry Date: - Issue No: 100 Version Start Date: 1/4/2008 Version End Date:

6.4 Surface Water Abstraction Licences

Are there any Surface Water Abstraction Licences within 2000m of the study site?

Yes

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
Not shown	1076	SW	471590 173150	Status: Active Licence No: 28/39/22/0594 Details: Lake & Pond Throughflow Direct Source: Thames Surface Water - Non Tidal Point: St.giles Stream At The Oracle Centre, Reading Data Type: Point Name: ORACLE SHOPPING CENTRE LTD Annual Volume (m³): 737856 Max Daily Volume (m³): 2016 Application No: - Original Start Date: 16/2/2000 Expiry Date: - Issue No: 1 Version Start Date: 16/2/2000 Version End Date:
Not shown	1076	SW	471590 173150	Status: Historical Licence No: 28/39/22/0594 Details: Lake & Pond Throughflow Direct Source: Thames Surface Water - Non Tidal Point: The Oracle Centre, Reading Data Type: Point Name: ORACLE SHOPPING CENTRE LTD Annual Volume (m³): - Max Daily Volume (m³): - Application No: - Original Start Date: 16/2/2000 Expiry Date: - Issue No: 1 Version Start Date: 16/2/2000 Version End Date:
Not shown	1138	NW	471440 174450	Status: Historical Licence No: 28/39/23/0196 Details: Transfer between sources Direct Source: Thames Surface Water - Non Tidal Point: Thames At Christchurch Meadow Data Type: Point Name: READING BOROUGH COUNCIL Annual Volume (m³): - Max Daily Volume (m³): - Application No: WRW/A/1115 Original Start Date: 12/5/2003 Expiry Date: 31/3/2016 Issue No: 1 Version Start Date: 12/5/2003 Version End Date:
Not shown	1138	NW	471440 174450	Status: Active Licence No: 28/39/23/0199/TR Details: Transfer Between Sources (Post Water Act 2003) Direct Source: Thames Surface Water - Non Tidal Point: River Thames - Christchurch Meadows Data Type: Point Name: READING BOROUGH COUNCIL Annual Volume (m³): 1752000 Max Daily Volume (m³): 4800 Application No: WRW/A/1218 Original Start Date: 10/9/2008 Expiry Date: 31/3/2016 Issue No: 1 Version Start Date: 10/9/2008 Version End Date:
Not shown	1138	NW	471440 174450	Status: Historical Licence No: 28/39/23/0196 Details: Lake & Pond Throughflow Direct Source: Thames Surface Water - Non Tidal Point: Thames At Christchurch Meadow Data Type: Point Name: READING BOROUGH COUNCIL Annual Volume (m³): 31536 Max Daily Volume (m³): 86.4 Application No: WRW/A/1115 Original Start Date: 12/5/2003 Expiry Date: 31/3/2016 Issue No: 1 Version Start Date: 1/4/2006 Version End Date:
Not shown	1179	NE	474070 175000	Status: Historical Licence No: 28/39/23/0198 Details: General Washing/Process Washing Direct Source: Thames Surface Water - Non Tidal Point: Caversham Lakes - Caversham - Pipe Data Type: Point Name: CAVERSHAM LAKES TRUST LIMITED Annual Volume (m³): - Max Daily Volume (m³): - Application No: WRW/A/1155 Original Start Date: 6/8/2004 Expiry Date: 31/3/2014 Issue No: 1 Version Start Date: 6/8/2004 Version End Date:
Not shown	1254	NE	474500 174800	Status: Active Licence No: 28/39/23/0038 Details: Spray Irrigation - Direct Direct Source: Thames Surface Water - Non Tidal Point: Sonning Eye - River Thames, Points 'f' To 'g' Data Type: Line Name: TRUSTEES OF PHILLIMORE FARMS Annual Volume (m³): 45460 Max Daily Volume (m³): 636.44 Application No: WR.A/795/2 Original Start Date: 11/7/1966 Expiry Date: - Issue No: 100 Version Start Date: 5/4/1992 Version End Date:

ID	Distance (m)	Direction	NGR	Details
Not shown	1771	NE	474400 175500	Status: Active Licence No: 28/39/23/0038 Details: Spray Irrigation - Direct Direct Source: Thames Surface Water - Non Tidal Point: Sonning Eye, - Eye Marsh Ditch, Points 'p' To 'q' Data Type: Line Name: TRUSTEES OF PHILLIMORE FARMS Annual Volume (m³): 45460 Max Daily Volume (m³): 636.44 Application No: WR.A/795/2 Original Start Date: 11/7/1966 Expiry Date: - Issue No: 100 Version Start Date: 5/4/1992 Version End Date:

6.5 Potable Water Abstraction Licences

Are there any Potable Water Abstraction Licences within 2000m of the study site? Yes

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
3	31	NW	473560 173940	Status: Active Licence No: 28/39/23/0191 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Borehole At Waterside Centre, Thames Valley Park Road Data Type: Point Name: WOKINGHAM WATERSIDE CENTRE LTD Annual Volume (m³): 2600 Max Daily Volume (m³): 25 Original Application No: - Original Start Date: 21/12/2000 Expiry Date: - Issue No: 3 Version Start Date: Version End Date:
Not shown	1045	S	472400 172800	Status: Active Licence No: 28/39/22/0521 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Royal Berkshire Hospital Data Type: Point Name: ROYAL BERKSHIRE HOSPITAL Annual Volume (m³): 127750 Max Daily Volume (m³): 350 Original Application No: WRA/5950 Original Start Date: 17/1/1992 Expiry Date: - Issue No: 100 Version Start Date: Version End Date:
Not shown	1260	W	471200 173500	Status: Active Licence No: 28/39/23/0042 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Cheapside, Reading, Berkshire Data Type: Point Name: PRIMARK STORES LIMITED Annual Volume (m³): 14933 Max Daily Volume (m³): 40.91 Original Application No: - Original Start Date: 11/7/1966 Expiry Date: - Issue No: 101 Version Start Date: Version End Date:
Not shown	1532	W	470900 174100	Status: Historical Licence No: 28/39/23/0041 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Cardiff Road, Reading, Berkshire Data Type: Point Name: COX & WYMAN LTD Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: WR.A/1988 Original Start Date: 11/7/1966 Expiry Date: - Issue No: 100 Version Start Date: Version End Date:

ID	Distance (m)	Direction	NGR	Details
Not shown	1532	W	470900 174100	Status: Active Licence No: 28/39/23/0167 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Meadow Road, Reading, Berkshire Data Type: Point Name: MANROSE MANUFACTURING LTD Annual Volume (m³): 90920 Max Daily Volume (m³): 727.4 Original Application No: - Original Start Date: 23/1/1990 Expiry Date: - Issue No: 101 Version Start Date: Version End Date:

6.6 Source Protection Zones

Are there any Source Protection Zones within 500m of the study site? Yes

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
2	415	N	3	Total catchment

6.7 Source Protection Zones within Confined Aquifer

Are there any Source Protection Zones within the Confined Aquifer within 500m of the study site? No

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

Is there any Environment Agency information on groundwater vulnerability and soil leaching potential within 500m of the study site?

Yes

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.
90	NE	Major Aquifer/Intermediate Leaching Potential	I1	Soils which can possibly transmit a wide range of pollutants.

6.9 River Quality

Is there any Environment Agency information on river quality within 1500m of the study site?

Yes

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
63B	7	N	473100 173880	River Name: Thames (w Area) Reach: Whitchurch Stw - Kennet End/Start of Stretch: End of Stretch NGR	A	A	A	A	A
64B	7	N	473100 173880	River Name: Thames (w Area) Reach: Kennet - Loddon End/Start of Stretch: Start of Stretch NGR	B	B	B	A	A

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
65B	7	N	473100 173880	River Name: Kennet Reach: Holy Brook - Thames End/Start of Stretch: End of Stretch NGR	B	A	A	A	A
66B	7	N	473100 173880	River Name: Thames Reach: Kennet - Loddon End/Start of Stretch: Start of Stretch NGR	A	A	A	A	A
67B	7	N	473100 173880	River Name: Thames Reach: Whitchurch Stw - Kennet End/Start of Stretch: End of Stretch NGR	A	A	A	A	A
68	123	S	473015 173702	River Name: Kennet Reach: Holy Brook - Thames End/Start of Stretch: Sample Point NGR	B	A	A	A	A
69C	338	NW	472135 174053	River Name: Thames Reach: Whitchurch Stw - Kennet End/Start of Stretch: Sample Point NGR	A	A	A	A	A
70D	564	SW	472020 173440	River Name: Kennet Reach: Holy Brook - Thames End/Start of Stretch: Start of Stretch NGR	B	A	A	A	A
71D	564	SW	472020 173440	River Name: Kennet Reach: Foudry Brook - Holy Brook End/Start of Stretch: End of Stretch NGR	B	A	A	A	A
Not shown	1484	SW	471351 172807	River Name: Kennet Reach: Foudry Brook - Holy Brook End/Start of Stretch: Sample Point NGR	B	A	A	A	A

6.10 Detailed River Network

Are there any Detailed River Network entries within 500m of the study site? Yes

The following Detailed River Network records are represented on the Hydrology Map (6e):

ID	Distance (m)	Direction	Details	
1	0	On Site	River Name: River Kennet Welsh River Name: - Alternative Name: -	River Type: Primary River Main River Status: Currently Undefined
2	24	NE	River Name: River Thames Welsh River Name: - Alternative Name: -	River Type: Primary River Main River Status: Currently Undefined

ID	Distance (m)	Direction	Details	
3	30	N	River Name: River Thames Welsh River Name: - Alternative Name: -	River Type: Primary River Main River Status: Currently Undefined
4	40	NW	River Name: Drain Welsh River Name: - Alternative Name: -	River Type: Secondary River Main River Status: Currently Undefined
5	254	N	River Name: River Thames Welsh River Name: - Alternative Name: -	River Type: Primary River Main River Status: Currently Undefined
6	259	S	River Name: Kennet and Avon Canal Welsh River Name: - Alternative Name: -	River Type: Primary River Main River Status: Currently Undefined
7	259	S	River Name: River Kennet Welsh River Name: - Alternative Name: -	River Type: Primary River Main River Status: Currently Undefined
8	299	N	River Name: River Thames Welsh River Name: - Alternative Name: -	River Type: Primary River Main River Status: Currently Undefined
9	299	N	River Name: River Thames Welsh River Name: - Alternative Name: -	River Type: Primary River Main River Status: Currently Undefined
10	317	NW	River Name: - Welsh River Name: - Alternative Name: -	River Type: Secondary River Main River Status: Currently Undefined
11	322	NW	River Name: River Thames Welsh River Name: - Alternative Name: -	River Type: Primary River Main River Status: Currently Undefined
12	331	NE	River Name: Drain Welsh River Name: - Alternative Name: -	River Type: Tertiary River Main River Status: Currently Undefined
13	331	NE	River Name: - Welsh River Name: - Alternative Name: -	River Type: Culvert Main River Status: Currently Undefined
14C	335	NW	River Name: River Thames Welsh River Name: - Alternative Name: -	River Type: Primary River Main River Status: Currently Undefined
15	339	NE	River Name: River Thames Welsh River Name: - Alternative Name: -	River Type: Primary River Main River Status: Currently Undefined
16A	347	S	River Name: River Kennet Welsh River Name: - Alternative Name: -	River Type: Primary River Main River Status: Currently Undefined
17	348	NW	River Name: River Thames Welsh River Name: - Alternative Name: -	River Type: Primary River Main River Status: Currently Undefined
18	348	NW	River Name: River Thames Welsh River Name: - Alternative Name: -	River Type: Primary River Main River Status: Currently Undefined
19	359	S	River Name: River Kennet Welsh River Name: - Alternative Name: -	River Type: Primary River Main River Status: Currently Undefined
20A	359	S	River Name: River Kennet Welsh River Name: - Alternative Name: -	River Type: Primary River Main River Status: Currently Undefined
21	369	N	River Name: River Thames Welsh River Name: - Alternative Name: -	River Type: Primary River Main River Status: Currently Undefined

ID	Distance (m)	Direction	Details	
22	369	N	River Name: River Thames Welsh River Name: - Alternative Name: -	River Type: Primary River Main River Status: Currently Undefined
23	379	S	River Name: - Welsh River Name: - Alternative Name: -	River Type: Primary River Main River Status: Currently Undefined
24	382	NW	River Name: River Thames Welsh River Name: - Alternative Name: -	River Type: Primary River Main River Status: Currently Undefined
25	383	N	River Name: River Thames Welsh River Name: - Alternative Name: -	River Type: Primary River Main River Status: Currently Undefined
26	385	SW	River Name: River Kennet Welsh River Name: - Alternative Name: -	River Type: Primary River Main River Status: Currently Undefined
27	416	S	River Name: Kennet and Avon Canal Welsh River Name: - Alternative Name: -	River Type: Primary River Main River Status: Currently Undefined
28	446	NW	River Name: - Welsh River Name: - Alternative Name: -	River Type: Secondary River Main River Status: Currently Undefined
29	447	NW	River Name: River Thames Welsh River Name: - Alternative Name: -	River Type: Primary River Main River Status: Currently Undefined
30	447	NW	River Name: - Welsh River Name: - Alternative Name: -	River Type: Primary River Main River Status: Currently Undefined
31	461	NW	River Name: River Thames Welsh River Name: - Alternative Name: -	River Type: Primary River Main River Status: Currently Undefined
32	464	NW	River Name: River Thames Welsh River Name: - Alternative Name: -	River Type: Primary River Main River Status: Currently Undefined
33	480	NW	River Name: River Thames Welsh River Name: - Alternative Name: -	River Type: Primary River Main River Status: Currently Undefined
34	493	W	River Name: - Welsh River Name: - Alternative Name: -	River Type: Culvert Main River Status: Currently Undefined

6.11 Surface Water Features

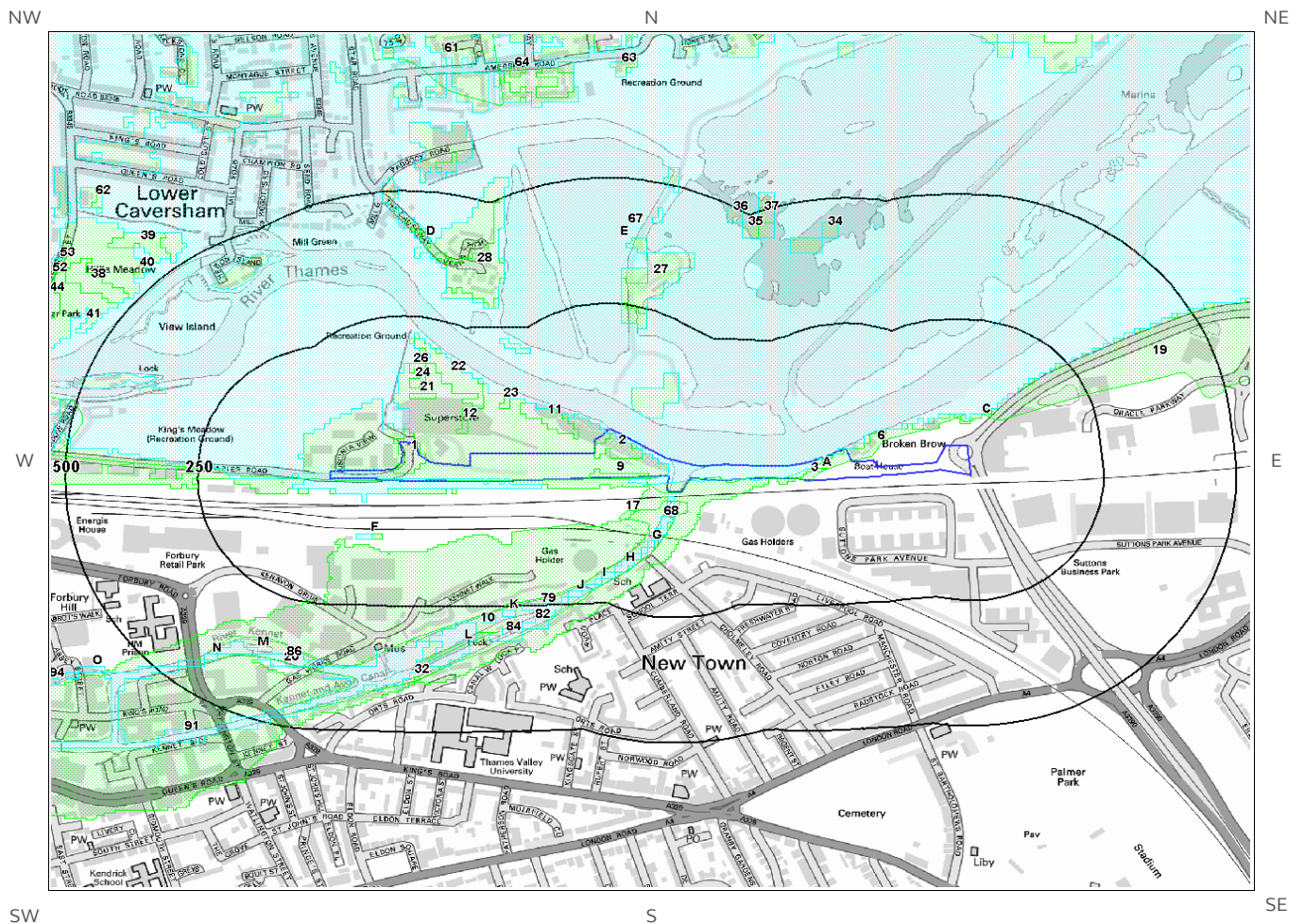
Are there any surface water features within 250m of the study site?

Yes

The following surface water records are not represented on mapping:

Distance (m)	Direction
0	On Site
17	S
76	NW
82	NW
131	N
149	N
157	NE
159	N
239	N

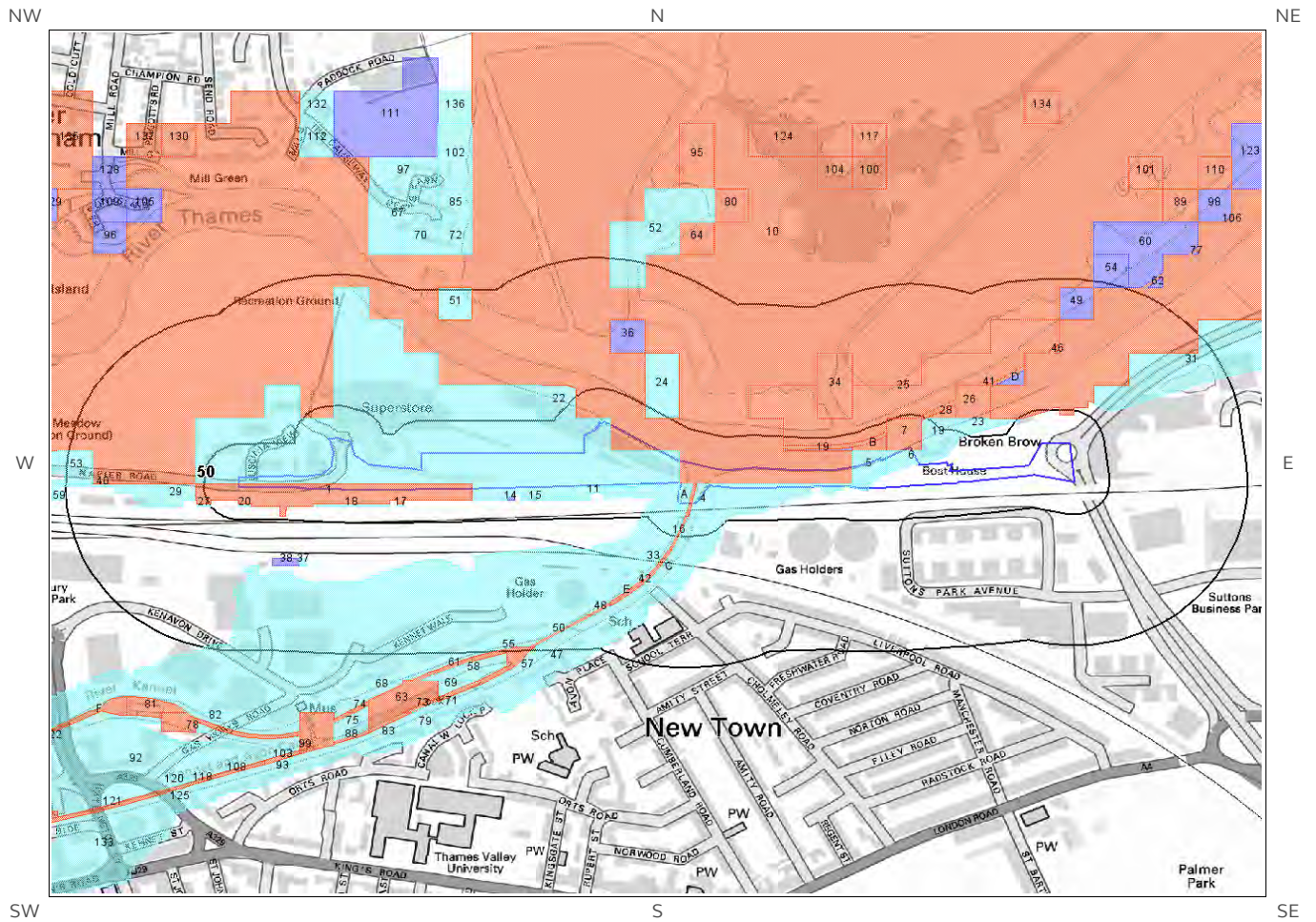
7a. Environment Agency Flood Map for Planning (from rivers and the sea)



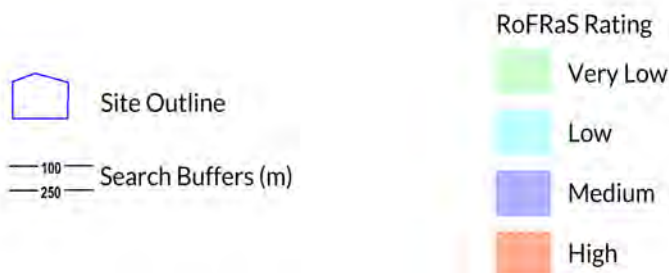
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7b. Environment Agency Risk of Flooding from Rivers and the Sea (RoFRaS) Map



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7 Flooding

7.1 River and Coastal Zone 2 Flooding

Is the site within 250m of an Environment Agency Zone 2 floodplain?

Yes

Environment Agency 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
1	0	On Site	08-Feb-2016	Zone 2 - (Fluvial /Tidal Models)
2	0	On Site	08-Feb-2016	Zone 2 - (Fluvial /Tidal Models)
3	0	On Site	08-Feb-2016	Zone 2 - (Fluvial /Tidal Models)
4A	0	On Site	08-Feb-2016	Zone 2 - (Fluvial /Tidal Models)
5A	0	On Site	08-Feb-2016	Zone 2 - (Fluvial /Tidal Models)
6	0	On Site	08-Feb-2016	Zone 2 - (Fluvial /Tidal Models)
7	0	On Site	08-Feb-2016	Zone 2 - (Fluvial /Tidal Models)
8E	0	On Site	08-Feb-2016	Zone 2 - (Fluvial /Tidal Models)
9	0	On Site	08-Feb-2016	Zone 2 - (Fluvial /Tidal Models)
10	17	S	08-Feb-2016	Zone 2 - (Fluvial /Tidal Models)
11	30	N	08-Feb-2016	Zone 2 - (Fluvial /Tidal Models)
12	40	N	08-Feb-2016	Zone 2 - (Fluvial /Tidal Models)
13B	44	N	08-Feb-2016	Zone 2 - (Fluvial /Tidal Models)
14B	49	N	08-Feb-2016	Zone 2 - (Fluvial /Tidal Models)
15C	59	NE	08-Feb-2016	Zone 2 - (Fluvial /Tidal Models)
16C	62	NE	08-Feb-2016	Zone 2 - (Fluvial /Tidal Models)
17	66	S	08-Feb-2016	Zone 2 - (Fluvial /Tidal Models)
18C	70	NE	08-Feb-2016	Zone 2 - (Fluvial /Tidal Models)
19	70	NE	08-Feb-2016	Zone 2 - (Fluvial /Tidal Models)

20	75	SW	08-Feb-2016	Zone 2 - (Fluvial /Tidal Models)
21	87	N	08-Feb-2016	Zone 2 - (Fluvial /Tidal Models)
22	90	N	08-Feb-2016	Zone 2 - (Fluvial /Tidal Models)
23	90	N	08-Feb-2016	Zone 2 - (Fluvial /Tidal Models)
24	107	N	08-Feb-2016	Zone 2 - (Fluvial /Tidal Models)
25F	107	S	08-Feb-2016	Zone 2 - (Fluvial /Tidal Models)
26	137	N	08-Feb-2016	Zone 2 - (Fluvial /Tidal Models)
27	238	N	08-Feb-2016	Zone 2 - (Fluvial /Tidal Models)

7.2 River and Coastal Zone 3 Flooding

Is the site within 250m of an Environment Agency Zone 3 floodplain?

Yes

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
1	0	On Site	23-Feb-2016	Zone 3 - (Fluvial Models)
2	9	S	23-Feb-2016	Zone 3 - (Fluvial Models)
3	101	S	23-Feb-2016	Zone 3 - (Fluvial Models)
4A	108	S	23-Feb-2016	Zone 3 - (Fluvial Models)
5A	117	S	23-Feb-2016	Zone 3 - (Fluvial Models)
6	133	SW	23-Feb-2016	Zone 3 - (Fluvial Models)
7	150	SW	23-Feb-2016	Zone 3 - (Fluvial Models)
8E	187	S	23-Feb-2016	Zone 3 - (Fluvial Models)
9	200	S	23-Feb-2016	Zone 3 - (Fluvial Models)
10	212	S	23-Feb-2016	Zone 3 - (Fluvial Models)
11	223	S	23-Feb-2016	Zone 3 - (Fluvial Models)
12	235	S	23-Feb-2016	Zone 3 - (Fluvial Models)
13B	246	S	23-Feb-2016	Zone 3 - (Fluvial Models)

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

What is the highest risk of flooding onsite?

High

The Environment Agency 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
1	0.0	On Site	High
2A	0.0	On Site	Low
3A	0.0	On Site	High
4	0.0	On Site	Low
5	0.0	On Site	Low
6	0.0	On Site	Low
7	0.0	On Site	High
8	0.0	On Site	Low
9	0.0	On Site	Low
10	0.0	On Site	High
11	1.0	S	Low
12B	10.0	NW	High
13	11.0	NE	Low
14	14.0	S	Medium
15	14.0	S	Low
16	19.0	S	High
17	20.0	S	Low
18	20.0	S	Low
19	24.0	N	Medium
20	25.0	S	Low
21B	28.0	N	High
22	29.0	NW	Low
23	32.0	N	Low
24	32.0	NE	Low
25	34.0	N	High
26	47.0	N	High
27	48.0	SW	Low
28	49.0	NE	High

Are there any Flood Defences within 250m of the study site? No
Database searched and no data found.

7.5 Areas benefiting from Flood Defences

Are there any areas benefiting from Flood Defences within 250m of the study site? No

7.6 Areas benefiting from Flood Storage

Are there any areas used for Flood Storage within 250m of the study site? No

7.7 Groundwater Flooding Susceptibility Areas

7.7.1 Are there any British Geological Survey groundwater flooding susceptibility areas within 50m of the boundary of the study site? Yes

Does this relate to 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 What is the 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.

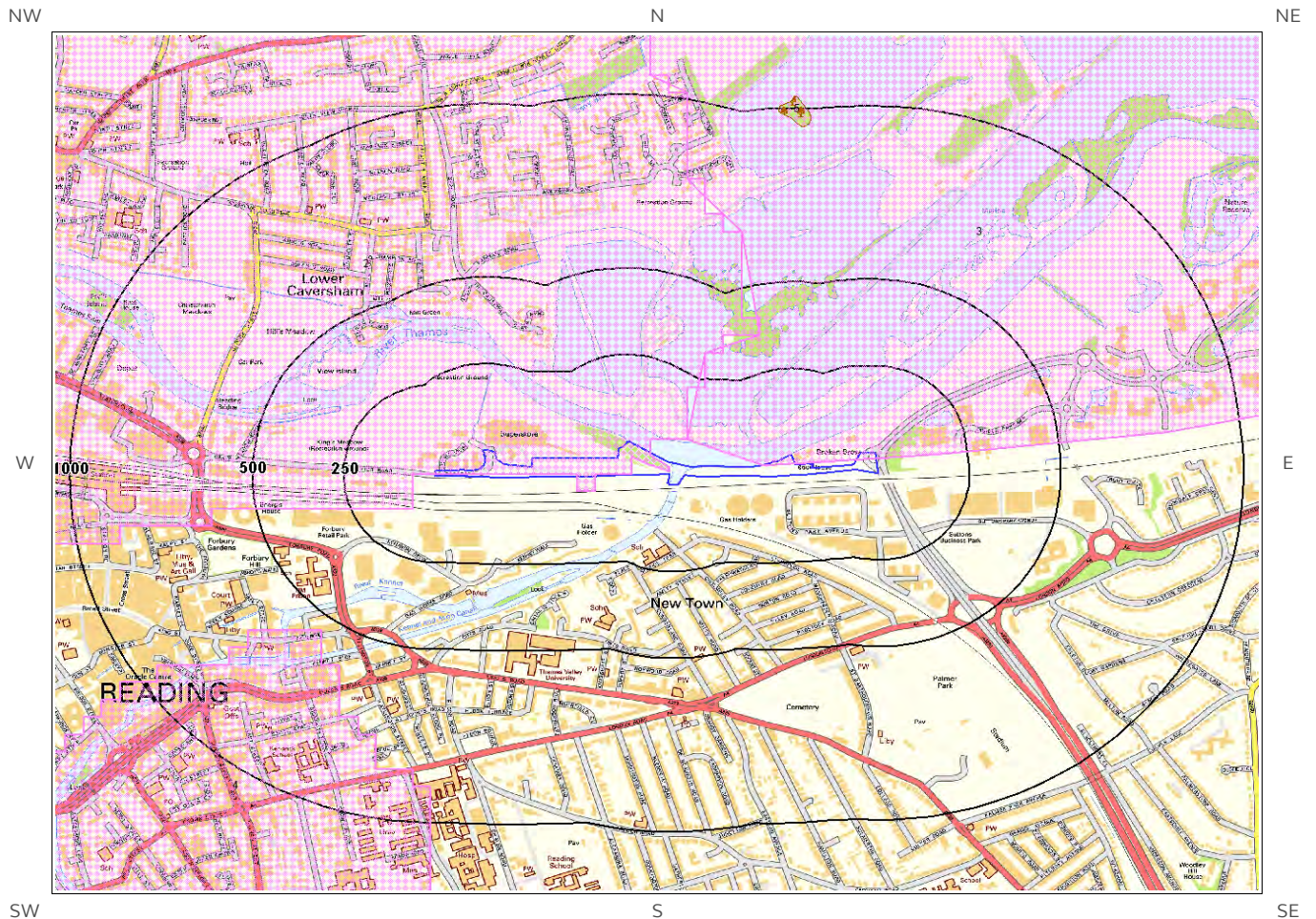
7.8 Groundwater Flooding Confidence Areas

What is the British Geological Survey confidence rating in this result? High

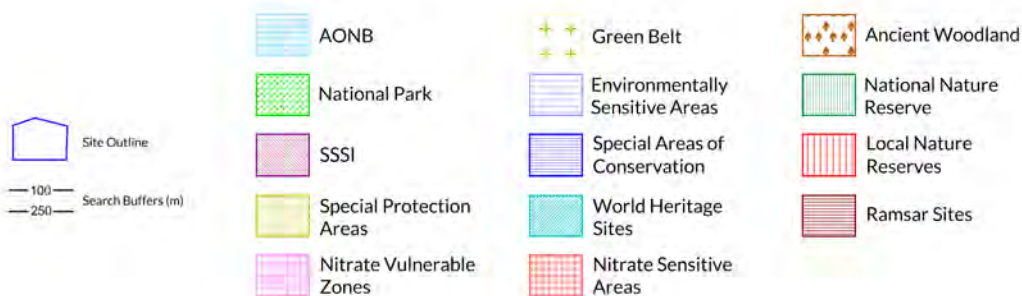
Notes: Groundwater flooding is defined as the emergence of groundwater at the ground surface or the rising of groundwater into man-made ground under conditions where the normal range of groundwater levels is exceeded.

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

Presence of Designated Environmentally Sensitive Sites within 2000m of the study site?

Yes

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

0

Database searched and no data found.

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

0

Database searched and no data found.

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

0

Database searched and no data found.

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:

1

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
5	949	N	UNKNOWN	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	1634	SE	Highwood	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:

0

Database searched and no data found.

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

0

Database searched and no data found.

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:

3

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
2	0	On Site	Existing	DEFRA
3	0	On Site	Existing	DEFRA
4	543	SW	Existing	DEFRA

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

0

Database searched and no data found.

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 GeoInsight**, available from our **website**. The following information has been found:

9.1.1 Shrink Swell

What is the maximum Shrink-Swell* 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
Ground conditions predominantly low plasticity. No special actions required to avoid problems due to shrink-swell clays. No special ground investigation required, and increased construction costs or increased financial risks are unlikely due to potential problems with shrink-swell clays.

9.1.2 Landslides

What is the maximum Landslide* 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
Slope instability problems are unlikely to be present. No special actions required to avoid problems due to landslides. No special ground investigation required, and increased construction costs or increased financial risks are unlikely due to potential problems with landslides.

9.1.3 Soluble Rocks

What is the maximum Soluble 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
Significant soluble rocks are present. Problems unlikely except with considerable surface or subsurface water flow. No special actions required to avoid problems due to soluble rocks. No special ground investigation required or increased construction costs are likely. An increase in financial risk due to potential problems with soluble rocks is unlikely.

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

9.1.4 Compressible Ground

What is the 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 Ö 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 x*ossible increase in insurance risk from compressibility, especially if water conditions or loading of the ground change significantly.

9.1.5 Collapsible Rocks

What is the 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

What is the 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 Ö 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 Ö no significant increase in insurance risk due to running sand problems is likely.

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 property is not in a Radon Affected Area, as less than 1% of properties are above the Action Level.

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

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.

10. Mining

10.1 Coal Mining

Are there any coal mining areas within 75m of the study site? No

Database searched and no data found.

10.2 Non-Coal Mining

Are there any Non-Coal Mining areas within 50m of the study site boundary? Yes

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

Distance (m)	Direction	Name	Commodity	Assessment of likelihood
0.0	On Site	Not available	Chalk	Sporadic underground mining of restricted extent may have occurred. Potential for difficult ground conditions are unlikely and localised and are at a level where they need not be considered
18.0	SE	Not available	Chalk	Localised small scale underground mining may have occurred. Potential for difficult ground conditions are unlikely or localised and are at a level where they need not be considered

Past underground mine workings may occur. The rock types present in these areas are such that small mineral veins may be present on which it is possible that small scale mining has been undertaken and/or it is possible that limited underground extraction of other materials may have occurred. All such occurrences are likely to be of minor localised extent and infrequent. 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

Are there any brine affected areas within 75m of the study site? No
Guidance: No Guidance Required.

Contact Details

EmapSite
Telephone: 0118 9736883
sales@emapsite.com

emapsite™

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: 08708 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: Reading Borough Council
Phone: 0118 937 3787
Web: <http://beta.reading.gov.uk/>
Address: Civic Offices, Bridge Street, Reading, RG1 2LU

Gemapping PLC

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



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 who retain the Copyright and Intellectual Property Rights for the data.

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This report has been prepared in accordance with the Groundsure Ltd standard Terms and Conditions of business for work of this nature.

Standard Terms and Conditions

1 Definitions

In these terms and conditions unless the context otherwise requires:

“Beneficiary” means the person or entity for whose benefit the Client has obtained the Services.

“Client” means the party or parties entering into a Contract with Groundsure.

“Commercial” means any building or property which is not Residential.

“Confidential Information” means the contents of this Contract and all information received from the Client as a result of, or in connection with, this Contract other than

(i) information which the Client can prove was rightfully in its possession prior to disclosure by Groundsure and

(ii) any information which is in the public domain (other than by virtue of a breach of this Contract).

“Support Services” means Support Services provided by Groundsure including, without limitation, interpreting third party and in-house environmental data, providing environmental support advice, undertaking environmental audits and assessments, Site investigation, Site monitoring and related items.

“Contract” means the contract between Groundsure and the Client for the provision of the Services, and which shall incorporate these terms and conditions, the Order, and the relevant User Guide.

“Third Party Data Provider” means any third party providing Third Party Content to Groundsure.

“Data Reports” means reports comprising factual data with no accompanying interpretation.

“Fees” has the meaning set out in clause 5.1.

“Groundsure” means Groundsure Limited, a company registered in England and Wales under number 03421028.

“Groundsure Materials” means all materials prepared by Groundsure and provided as part of the Services, including but not limited to Third Party Content, Data Reports, Mapping, and Risk Screening Reports.

“Intellectual Property” means any patent, copyright, design rights, trade or service mark, moral rights, data protection rights, know-how or trade mark in each case whether registered or not and including applications for the same or any other rights of a similar nature anywhere in the world.

“Mapping” means a map, map data or a combination of historical maps of various ages, time periods and scales.

“Order” means an electronic, written or other order form submitted by the Client requesting Services from Groundsure in respect of a specified Site.

“Ordnance Survey” means the Secretary of State for Business, Innovation and Skills, acting through Ordnance Survey, Adanac Drive, Southampton, SO16 0AS, UK.

“Order Website” means the online platform through which Orders may be placed by the Client and accepted by Groundsure.

“Report” means a Risk Screening Report or Data Report for Commercial or Residential property.

“Residential” means any building or property used as or intended to be used as a single dwelling.

“Risk Screening Report” means a risk screening report comprising factual data with an accompanying interpretation by Groundsure.

“Services” means any Report, Mapping and/or Support Services which Groundsure has agreed to provide by accepting an Order pursuant to clause 2.6.

“Site” means the area of land in respect of which the Client has requested Groundsure to provide the Services.

“Third Party Content” means data, database information or other information which is provided to Groundsure by a Third Party Data Provider.

“User Guide” means the user guide, as amended from time to time, available upon request from Groundsure and on the website (www.Groundsure.com) and forming part of this Contract.

2 Scope of Services, terms and conditions, requests for insurance and quotations

2.1 Groundsure agrees to provide the Services in accordance with the Contract.

2.2 Groundsure shall exercise reasonable skill and care in the provision of the Services.

2.3 Subject to clause 7.3 the Client acknowledges that it has not relied on any statement or representation made by or on behalf of Groundsure which is not set out and expressly agreed in writing in the Contract and all such statements and representations are hereby excluded to the fullest extent permitted by law.

2.4 The Client acknowledges that terms and conditions appearing on a Client’s order form, printed stationery or other communication, or any terms or conditions implied by custom, practice or course of dealing shall be of no effect, and that this Contract shall prevail over all others in relation to the Order.

2.5 If the Client or Beneficiary requests insurance in conjunction with or as a result of the Services, Groundsure shall use reasonable endeavours to recommend such insurance, but makes no warranty that such insurance shall be available from insurers or that it will be offered on reasonable terms. Any insurance purchased by the Client or Beneficiary shall be subject solely to the terms of the policy issued by insurers and Groundsure will have no liability therefor. In addition you acknowledge and agree that Groundsure does not act as an agent or broker for any insurance providers. The Client should take (and ensure that the Beneficiary takes) independent advice to ensure that the insurance policy requested or offered is suitable for its requirements.

2.6 Groundsure's quotations or proposals are valid for a period of 30 days only unless an alternative period of time is explicitly stipulated by Groundsure. Groundsure reserves the right to withdraw any quotation or proposal at any time before an Order is accepted by Groundsure. Groundsure's acceptance of an Order shall be binding only when made in writing and signed by Groundsure's authorised representative or when accepted through the Order Website.

3 The Client’s obligations

3.1 The Client shall comply with the terms of this Contract and

(i) procure that the Beneficiary or any third party relying on the Services complies with and acts as if it is bound by the Contract and

(ii) be liable to Groundsure for the acts and omissions of the Beneficiary or any third party relying on the Services as if such acts and omissions were those of the Client.

3.2 The Client shall be solely responsible for ensuring that the Services are appropriate and suitable for its and/or the Beneficiary’s needs.

3.3 The Client shall supply to Groundsure as soon as practicable and without charge all requisite information (and the Client warrants that such information is accurate, complete and appropriate), including without limitation any environmental information relating to the Site and shall give such assistance as Groundsure shall reasonably require in the provision of the Services including, without limitation, access to the Site, facilities and equipment.

3.4 Where the Client’s approval or decision is required to enable Groundsure to carry out work in order to provide the Services, such approval or decision shall be given or procured in reasonable time and so as not to delay or disrupt the performance of the Services.

3.5 Save as expressly permitted by this Contract the Client shall not, and shall procure that the Beneficiary shall not, re-sell, alter, add to, or amend the Groundsure Materials, or use the Groundsure Materials in a manner for which they were not intended. The Client may make the Groundsure Materials available to a third party who is considering acquiring some or all of, or providing funding in relation to, the Site, but such third party cannot rely on the same unless expressly permitted under clause 4.

3.6 The Client is responsible for maintaining the confidentiality of its user name and password if using the Order Website and the Client acknowledges that Groundsure accepts no liability of any kind for any loss or damage suffered by the Client as a consequence of using the Order Website.

4 Reliance

4.1 The Client acknowledges that the Services provided by Groundsure consist of the presentation and analysis of Third Party Content and other content and that information obtained from a Third Party Data Provider cannot be guaranteed or warranted by Groundsure to be reliable.

4.2 In respect of Data Reports, Mapping and Risk Screening Reports, the following classes of person and no other are entitled to rely on their contents;

- (i) the Beneficiary,
- (ii) the Beneficiary's professional advisers, (iii) any person providing funding to the Beneficiary in relation to the Site (whether directly or as part of a lending syndicate),
- (iv) the first purchaser or first tenant of the Site, and
- (v) the professional advisers and lenders of the first purchaser or tenant of the Site.

4.3 In respect of Support Services, only the Client, Beneficiary and parties expressly named in a Report and no other parties are entitled to rely on its contents.

4.4 Save as set out in clauses 4.2 and 4.3 and unless otherwise expressly agreed in writing, no other person or entity of any kind is entitled to rely on any Services or Report issued or provided by Groundsure. Any party considering such Reports and Services does so at their own risk.

5 Fees and Disbursements

5.1 Groundsure shall charge and the Client shall pay fees at the rate and

frequency specified in the written proposal, Order Website or Order acknowledgement form, plus (in the case of Support Services) all proper disbursements incurred by Groundsure. The Client shall in addition pay all value added tax or other tax payable on such fees and disbursements in relation to the provision of the Services (together "Fees").

5.2 The Client shall pay all outstanding Fees to Groundsure in full without deduction, counterclaim or set off within 30 days of the date of Groundsure's invoice or such other period as may be agreed in writing between Groundsure and the Client ("Payment Date"). Interest on late payments will accrue on a daily basis from the Payment Date until the date of payment (whether before or after judgment) at the rate of 8% per annum.

5.3 The Client shall be deemed to have agreed the amount of any invoice unless an objection is made in writing within 28 days of the date of the invoice. As soon as reasonably practicable after being notified of an objection, without prejudice to clause 5.2 a member of Groundsure's management team will contact the Client and the parties shall then use all reasonable endeavours to resolve the dispute within 15 days.

6 Intellectual Property and Confidentiality

6.1 Subject to

- (i) full payment of all relevant Fees and
- (ii) compliance with this Contract, the Client is granted (and is permitted to sub-licence to the Beneficiary) a royalty-free, worldwide, non-assignable and (save to the extent set out in this Contract) non-transferable licence to make use of the Groundsure Materials.

6.2 All Intellectual Property in the Groundsure Materials are and shall remain owned by Groundsure or Groundsure's licensors (including without limitation the Third Party Data Providers) the Client acknowledges, and shall procure acknowledgement by the Beneficiary of, such ownership. Nothing in this Contract purports to transfer or assign any rights to the Client or the Beneficiary in respect of such Intellectual Property.

6.3 Third Party Data Providers may enforce any breach of clauses 6.1 and 6.2 against the Client or Beneficiary.

6.4 The Client shall, and shall procure that any recipients of the Groundsure Materials shall:

- (i) not remove, suppress or modify any trade mark, copyright or other proprietary marking belonging to Groundsure or any third party from the Services;
- (ii) use the information obtained as part of the Services in respect of the subject Site only, and shall not store or reuse any information obtained as part of the Services provided in respect of adjacent or nearby sites;
- (iii) not create any product or report which is derived directly or indirectly from the Services (save that those acting in a professional capacity to the Beneficiary may provide advice based upon the Services);
- (iv) not combine the Services with or incorporate such Services into any other information data or service;
- (v) not reformat or otherwise change (whether by modification, addition or enhancement), the Services (save that those acting for the Beneficiary in a professional capacity shall not be in breach of this clause 6.4(v) where such reformatting is in the normal course of providing advice based upon the Services);
- (vi) where a Report and/or Mapping contains material belonging to Ordnance Survey, acknowledge and agree that such content is protected by Crown Copyright and shall not use such content for any purpose outside of receiving the Services; and
- (vii) not copy in whole or in part by any means any map prints or run-on copies containing content belonging to Ordnance Survey (other than that contained within Ordnance Survey's OS Street Map) without first being in possession of a valid Paper Map Copying Licence from Ordnance Survey,

6.5 Notwithstanding clause 6.4, the Client may make reasonable use of the Groundsure Materials in order to advise the Beneficiary in a professional capacity. However, Groundsure shall have no liability in respect of any advice, opinion or report given or provided to Beneficiaries by the Client.

6.6 The Client shall procure that any person to whom the Services are made available shall notify Groundsure of any request or requirement to disclose, publish or disseminate any information contained in the Services in accordance with the Freedom of Information Act 2000, the Environmental Information Regulations 2004 or any associated legislation or regulations in force from time to time.

7.Liability: Particular Attention Should Be Paid To This Clause

7.1 This Clause 7 sets out the entire liability of Groundsure, including any liability for the acts or omissions of its employees, agents, consultants, subcontractors and Third Party Content, in respect of:

- (i) any breach of contract, including any deliberate breach of the Contract by Groundsure or its employees, agents or

subcontractors;

- (ii) any use made of the Reports, Services, Materials or any part of them; and
- (iii) any representation, statement or tortious act or omission (including negligence) arising under or in connection with the Contract.

7.2 All warranties, conditions and other terms implied by statute or common law are, to the fullest extent permitted by law, excluded from the Contract.

7.3 Nothing in the Contract limits or excludes the liability of the Supplier for death or personal injury resulting from negligence, or for any damage or liability incurred by the Client or Beneficiary as a result of fraud or fraudulent misrepresentation.

7.4 Groundsure shall not be liable for

- (i) loss of profits;
- (ii) loss of business;
- (iii) depletion of goodwill and/or similar losses;
- (iv) loss of anticipated savings;
- (v) loss of goods;
- (vi) loss of contract;
- (vii) loss of use;
- (viii) loss or corruption of data or information;
- (ix) business interruption;
- (x) any kind of special, indirect, consequential or pure economic loss, costs, damages, charges or expenses;
- (xi) loss or damage that arise as a result of the use of all or part of the Groundsure Materials in breach of the Contract;
- (xii) loss or damage arising as a result of any error, omission or inaccuracy in any part of the Groundsure Materials where such error, omission or inaccuracy is caused by any Third Party Content or any reasonable interpretation of Third Party Content;
- (xiii) loss or damage to a computer, software, modem, telephone or other property; and
- (xiv) loss or damage caused by a delay or loss of use of Groundsure's internet ordering service.

7.5 Groundsure's total liability in relation to or under the Contract shall be limited to £10 million for any claim or claims.

7.6 Groundsure shall procure that the Beneficiary shall be bound by limitations and exclusions of liability in favour of Groundsure which accord with those detailed in clauses 7.4 and 7.5 (subject to clause 7.3) in respect of all claims which the Beneficiary may bring against Groundsure in relation to the Services or other matters arising pursuant to the Contract.

8 Groundsure's right to suspend or terminate

8.1 If Groundsure reasonably believes that the Client or Beneficiary has not provided the information or assistance required to enable the proper provision of the Services, Groundsure shall be entitled to suspend all further performance of the Services until such time as any such deficiency has been made good.

8.2 Groundsure shall be entitled to terminate the Contract immediately on written notice in the event that:

- (i) the Client fails to pay any sum due to Groundsure within 30 days of the Payment Date; or
- (ii) the Client (being an individual) has a bankruptcy order made against him or (being a company) shall enter into liquidation whether compulsory or voluntary or have an administration order made against it or if a receiver shall be appointed over the whole or any part of its property assets or undertaking or if the Client is struck off the Register of Companies or dissolved; or
- (iii) the Client being a company is unable to pay its debts within the meaning of Section 123 of the Insolvency Act 1986 or being an individual appears unable to pay his debts within the meaning of Section 268 of the Insolvency Act 1986 or if the Client shall enter into a composition or arrangement with the Client's creditors or shall suffer distress or execution to be levied on his goods; or
- (iv) the Client or the Beneficiary breaches any term of the Contract (including, but not limited to, the obligations in clause 4) which is incapable of remedy or if remediable, is not remedied within five days of notice of the breach.

9. Client's Right to Terminate and Suspend

9.1 Subject to clause 10.1, the Client may at any time upon written notice terminate or suspend the provision of all or any of the Services.

9.2 In any event, where the Client is a consumer (and not a business) he/she hereby expressly acknowledges and agrees that:

(i) the supply of Services under this Contract (and therefore the performance of this Contract) commences immediately upon Groundsure's acceptance of the Order; and

(ii) the Reports and/or Mapping provided under this Contract are

- (a) supplied to the Client's specification(s) and in any event
- (b) by their nature cannot be returned.

10 Consequences of Withdrawal, Termination or Suspension

10.1 Upon termination of the Contract:

(i) Groundsure shall take steps to bring to an end the Services in an orderly manner, vacate any Site with all reasonable speed and shall deliver to the Client and/or Beneficiary any property of the Client and/or Beneficiary in Groundsure's possession or control; and

(ii) the Client shall pay to Groundsure all and any Fees payable in respect of the performance of the Services up to the date of termination or suspension. In respect of any Support Services provided, the Client shall also pay Groundsure any additional costs incurred in relation to the termination or suspension of the Contract.

11 Anti-Bribery

11.1 The Client warrants that it shall:

(i) comply with all applicable laws, statutes and regulations relating to anti-bribery and anti-corruption including but not limited to the Bribery Act 2010;

(ii) comply with such of Groundsure's anti-bribery and anti-corruption policies as are notified to the Client from time to time; and

(iii) promptly report to Groundsure any request or demand for any undue financial or other advantage of any kind received by or on behalf of the Client in connection with the performance of this Contract.

11.2 Breach of this Clause 11 shall be deemed a material breach of this Contract.

12 General

12.1 The Mapping contained in the Services is protected by Crown copyright and must not be used for any purpose other than as part of the Services or as specifically provided in the Contract.

12.2 The Client shall be permitted to make one copy only of each Report or Mapping Order. Thereafter the Client shall be entitled to make unlimited copies of the Report or Mapping Order only in accordance with an Ordnance Survey paper map copy license available through Groundsure.

12.3 Groundsure reserves the right to amend or vary this Contract. No amendment or variation to this Contract shall be valid unless signed by an authorised representative of Groundsure.

12.4 No failure on the part of Groundsure to exercise, and no delay in exercising, any right, power or provision under this Contract shall operate as a waiver thereof.

12.5 Save as expressly provided in this Contract, no person other than the persons set out therein shall have any right under the Contract (Rights of Third Parties) Act 1999 to enforce any terms of the Contract.

12.6 The Secretary of State for Business, Innovation and Skills ("BIS") or BIS' successor body, as the case may be, acting through Ordnance Survey may enforce a breach of clause 6.4(vi) and clause 6.4(vii) of these terms and conditions against the Client in accordance with the provisions of the Contracts (Rights of Third Parties) Act 1999.

12.7 Groundsure shall not be liable to the Client if the provision of the Services is delayed or prevented by one or more of the following circumstances:

(i) the Client or Beneficiary's failure to provide facilities, access or information;

(ii) fire, storm, flood, tempest or epidemic;

(iii) Acts of God or the public enemy;

(iv) riot, civil commotion or war;

(v) strikes, labour disputes or industrial action;

(vi) acts or regulations of any governmental or other agency;

(vii) suspension or delay of services at public registries by Third Party Data Providers;

(viii) changes in law; or

(ix) any other reason beyond Groundsure's reasonable control.

In the event that Groundsure is prevented from performing the Services (or any part thereof) in accordance with this clause 12.6 for a period of not less than 30 days then Groundsure shall be entitled to terminate this Contract immediately on written notice to the Client.

12.8 Any notice provided shall be in writing and shall be deemed to be properly given if delivered by hand or sent by first class post, facsimile or by email to the address, facsimile number or email address of the relevant party as may have been notified by each party to the other for such purpose or in the absence of such notification the last known address.

12.9 Such notice shall be deemed to have been received on the day of delivery if delivered by hand, facsimile or email (save to the extent such day is not a working day where it shall be deemed to have been delivered on the next working day) and on the second working day after the day of posting if sent by first class post.

12.10 The Contract constitutes the entire agreement between the parties and shall supersede all previous arrangements between the parties relating to the subject matter hereof.

12.11 Each of the provisions of the Contract is severable and distinct from the others and if one or more provisions is or should become invalid, illegal or unenforceable, the validity and enforceability of the remaining provisions shall not in any way be tainted or impaired.

12.12 This Contract shall be governed by and construed in accordance with English law and any proceedings arising out of or connected with this Contract shall be subject to the exclusive jurisdiction of the English courts.

12.13 Groundsure is an executive member of the Council of Property Search Organisation (CoPSO) and has signed up to the Search Code administered by the Property Codes Compliance Board (PCCB). All Risk Screening Reports shall be supplied in accordance with the provisions of the Search Code.

12.14 If the Client or Beneficiary has a complaint about the Services, written notice should be given to the Compliance Officer at Groundsure who will respond in a timely manner. In the event you are not satisfied with Groundsure's complaints handling process or you are unable to resolve the complaint, at your discretion you may refer the complaint to The Property Ombudsman Scheme at the following URL/email: website www.tpos.co.uk or email: admin@tpos.co.uk

12.15 The Client agrees that it shall, and shall procure that each Beneficiary shall, treat in confidence all Confidential Information and shall not, and shall procure that each Beneficiary shall not (i) disclose any Confidential Information to any third party other than in accordance with the terms of this Contract; and (ii) use Confidential Information for a purpose other than the exercise of its rights and obligations under this Contract. Subject to clause 6.6, nothing shall prevent the Client or any Beneficiary from disclosing Confidential Information to the extent required by law. © Groundsure Limited June 2013