

Contents Page

Contents Page	2
Overview of Findings.....	4
Using this report.....	8
1. Environmental Permits, Incidents and Registers Map.....	10
1. Environmental Permits, Incidents and Registers.....	11
1.1 Industrial Sites Holding Licences and/or Authorisations.....	11
1.1.1 Records of historic IPC Authorisations within 500m of the study site:.....	11
1.1.2 Records of Part A(1) and IPPC Authorised Activities within 500m of the study site:.....	11
1.1.3 Records of Water Industry Referrals (potentially harmful discharges to the public sewer) within 500m of the study site:.....	11
1.1.4 Records of Red List Discharge Consents (potentially harmful discharges to controlled waters) within 500m of the study site:.....	11
1.1.5 Records of List 1 Dangerous Substances Inventory Sites within 500m of the study site:.....	11
1.1.6 Records of List 2 Dangerous Substance Inventory Sites within 500m of the study site:.....	12
1.1.7 Records of Part A(2) and Part B Activities and Enforcements within 500m of the study site:	12
1.1.8 Records of Category 3 or 4 Radioactive Substances Authorisations:.....	12
1.1.9 Records of Licensed Discharge Consents within 500m of the study site:.....	12
1.1.10 Records of Planning Hazardous Substance Consents and Enforcements within 500m of the study site:.....	12
1.2 Dangerous or Hazardous Sites.....	13
1.3 Environment Agency Recorded Pollution Incidents.....	13
1.3.1 Records of National Incidents Recording System, List 2 within 500m of the study site:.....	13
1.3.2 Records of National Incidents Recording System, List 1 within 500m of the study site:.....	13
1.4 Sites Determined as Contaminated Land under Part 2A EPA 1990.....	13
2. Landfill and Other Waste Sites Map.....	14
2. Landfill and Other Waste Sites.....	15
2.1 Landfill Sites.....	15
2.1.1 Records from Environment Agency landfill data within 1000m of the study site:	15
2.1.2 Records of Environment Agency historic landfill sites within 1500m of the study site:	15
2.1.3 Records of BGS/DoE non-operational landfill sites within 1500m of the study site:.....	15
2.1.4 Records of Landfills from Local Authority and Historical Mapping records within 1500m of the study site:.....	15
2.2 Other Waste Sites.....	16
2.2.1 Records of waste treatment, transfer or disposal sites within 500m of the study site:	16
2.2.2 Records of Environment Agency licensed waste sites within 1500m of the study site:	16
3. Current Land Use Map.....	17
3. Current Land Uses.....	18
3.1 Current Industrial Data.....	18
3.2 Petrol and Fuel Sites.....	18
3.3 National Grid High Voltage Underground Electricity Transmission Cables.....	19
3.4 National Grid High Pressure Gas Transmission Pipelines.....	20
4. Geology.....	21
4.1 Artificial Ground and Made Ground.....	21
4.2 Superficial Ground and Drift Geology	21
4.3 Bedrock and Solid Geology	21
5. Hydrogeology and Hydrology.....	22
5a. Aquifer Within Superficial Geology.....	22
5b. Aquifer Within Bedrock Geology and Abstraction Licenses.....	23
5c. Hydrogeology – Source Protection Zones and Potable Water Abstraction Licenses.....	24
5d. Hydrogeology - Source Protection Zones within confined aquifer.....	25
5e. Hydrology – Detailed River Network and River Quality.....	26
5. Hydrogeology and Hydrology.....	27
5.1 Aquifer within Superficial Deposits.....	27

5.2	Aquifer within Bedrock Deposits.....	27
5.3	Groundwater Abstraction Licences.....	27
5.4	Surface Water Abstraction Licences.....	29
5.5	Potable Water Abstraction Licences.....	30
5.6	Source Protection Zones.....	32
5.7	Source Protection Zones within Confined Aquifer.....	32
5.8	Groundwater Vulnerability and Soil Leaching Potential.....	32
5.9	River Quality.....	32
5.9.1	Biological Quality:.....	32
5.9.2	Chemical Quality:.....	33
5.10	Detailed River Network.....	33
5.11	Surface Water Features	33
6.	Environment Agency Risk of Flooding from Rivers and the Sea (RoFRaS) Map.....	34
6.	Flooding.....	35
6.1	Risk of Flooding from Rivers and the Sea (RoFRaS).....	35
6.2	Flood Defences.....	35
6.3	Areas benefiting from Flood Defences.....	35
6.4	Areas benefiting from Flood Storage.....	35
6.5	Groundwater Flooding Susceptibility Areas.....	36
6.5.1	Are there any British Geological Survey groundwater flooding susceptibility areas within 50m of the boundary of the study site?	36
6.5.2	What is the highest susceptibility to groundwater flooding in the search area based on the underlying geological conditions?.....	36
6.6	Groundwater Flooding Confidence Areas.....	36
7.	Designated Environmentally Sensitive Sites Map.....	37
7.	Designated Environmentally Sensitive Sites.....	38
7.1	Records of Sites of Special Scientific Interest (SSSI) within 2000m of the study site:.....	38
7.2	Records of National Nature Reserves (NNR) within 2000m of the study site:.....	38
7.3	Records of Special Areas of Conservation (SAC) within 2000m of the study site:.....	38
7.4	Records of Special Protection Areas (SPA) within 2000m of the study site:.....	38
7.5	Records of Ramsar sites within 2000m of the study site:.....	38
7.6	Records of Ancient Woodland within 2000m of the study site:	38
7.7	Records of Local Nature Reserves (LNR) within 2000m of the study site:.....	39
7.8	Records of World Heritage Sites within 2000m of the study site:.....	39
7.9	Records of Environmentally Sensitive Areas within 2000m of the study site:	39
7.10	Records of Areas of Outstanding Natural Beauty (AONB) within 2000m of the study site:	39
7.11	Records of National Parks (NP) within 2000m of the study site:	39
7.12	Records of Nitrate Sensitive Areas within 2000m of the study site:.....	39
7.13	Records of Nitrate Vulnerable Zones within 2000m of the study site:.....	40
7.14	Records of Green Belt land within 2000m of the study site:.....	40
8.	Natural Hazards Findings.....	41
8.1	Detailed BGS GeoSure Data.....	41
8.1.1	Shrink Swell.....	41
8.1.2	Landslides.....	41
8.1.3	Soluble Rocks.....	42
8.1.4	Compressible Ground.....	42
8.1.5	Collapsible Rocks.....	42
8.1.6	Running Sand.....	43
9.	Mining.....	44
9.1	Coal Mining.....	44
9.2	BGS Non Coal Mining Hazards.....	44
9.3	Brine Affected Areas	44
	Contact Details.....	45
	Standard Terms and Conditions.....	47

Overview of Findings

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

Section 1: Environmental Permits, Incidents and Registers	On-site	0-50m	51-250	251-500
1.1 Industrial Sites Holding Environmental Permits and/or Authorisations				
1.1.1 Records of historic IPC Authorisations	0	0	0	0
1.1.2 Records of Part A(1) and IPPC Authorised Activities	0	0	0	0
1.1.3 Records of Water Industry Referrals (potentially harmful discharges to the public sewer)	0	0	0	0
1.1.4 Records of Red List Discharge Consents (potentially harmful discharges to controlled waters)	0	0	0	0
1.1.5 Records of List 1 Dangerous Substances Inventory sites	0	0	0	0
1.1.6 Records of List 2 Dangerous Substances Inventory sites	0	0	0	0
1.1.7 Records of Part A(2) and Part B Activities and Enforcements	0	0	0	3
1.1.8 Records of Category 3 or 4 Radioactive Substances Authorisations	0	0	0	0
1.1.9 Records of Licensed Discharge Consents	0	0	0	0
1.1.10 Records of Planning Hazardous Substance Consents and Enforcements	0	0	0	0
1.2 Records of COMAH and NIHHS sites	0	0	0	0
1.3 Environment Agency Recorded Pollution Incidents				
1.3.1 National Incidents Recording System, List 2	0	0	0	0
1.3.2 National Incidents Recording System, List 1	0	0	0	0
1.4 Sites Determined as Contaminated Land under Part 2A EPA 1990	0	0	0	0

Section 2: Landfill and Other Waste Sites	On-site	0-50m	51-250	251-500	501-1000	1000-5000
2.1 Landfill Sites						
2.1.1 Environment Agency Registered Landfill Sites	0	0	0	0	0	Not searched
2.1.2 Environment Agency Historic Landfill Sites	0	0	0	0	0	1
2.1.3 BGS/DoE Landfill Site Survey	0	0	0	0	0	0

Section 2: Landfill and Other Waste Sites	On-site	0-50m	51-250	251-500	501-1000	1000-5000
2.1.4 Landfills from Local Authority and Historical Mapping Records	0	0	0	0	0	0
2.2 Landfill and Other Waste Sites Findings						
2.2.1 Operational and Non-Operational Waste Treatment, Transfer and Disposal Sites	0	0	0	0	Not searched	Not searched
2.2.2 Environment Agency Licensed Waste Sites	0	0	0	0	0	0

Section 3: Current Land Use	On-site	0-50m	51-250	251-500
3.1 Current Industrial Sites Data	0	0	4	Not searched
3.2 Records of Petrol and Fuel Sites	0	0	0	0
3.3 National Grid Underground Electricity Cables	0	4	8	8
3.4 National Grid Gas Transmission Pipelines	0	0	0	0

Section 4: Geology	
4.1 Are there any records of Artificial Ground and Made Ground present beneath the study site?	No
4.2 Are there any records of Superficial Ground and Drift Geology present beneath the study site?	None
4.3 For records of Bedrock and Solid Geology beneath the study site see the detailed findings section.	

Section 5: Hydrogeology and Hydrology	0-500m					
5.1 Are there any records of Strata Classification in the Superficial Geology within 500m of the study site?	No					
5.2 Are there any records of Strata Classification in the Bedrock Geology within 500m of the study site?	Yes					
	On-site	0-50m	51-250	251-500	501-1000	1000-2000
5.3 Groundwater Abstraction Licences (within 2000m of the study site)	0	0	0	0	7	7
5.4 Surface Water Abstraction Licences (within 2000m of the study site)	0	0	0	0	0	3
5.5 Potable Water Abstraction Licences (within 2000m of the study site)	0	0	0	0	3	6
5.6 Source Protection Zones (within 500m of the study site)	1	0	0	1	Not searched	Not searched
5.7 Source Protection Zones within Confined Aquifer	0	0	0	0	Not searched	Not searched
5.8 Groundwater Vulnerability and Soil Leaching Potential (within 500m of the study site)	0	0	0	0	Not searched	Not searched
	On-site	0-50m	51-250	251-500	501-1000	1000-1500

Section 5: Hydrogeology and Hydrology

0-500m

5.9 Is there any Environment Agency information on river quality within 1500m of the study site?	No	No	No	No	No	No
5.10 Detailed River Network entries within 500m of the site	0	0	1	0	Not searched	Not searched
5.11 Surface water features within 250m of the study site	No	No	No	Not searched	Not searched	Not searched

Section 6: Flooding

6.1 What is the highest risk of flooding within 25m of the centre of the study site?	Very Low
6.2 Are there any Flood Defences within 250m of the study site?	No
6.3 Are there any areas benefiting from Flood Defences within 250m of the study site?	No
6.4 Are there any areas used for Flood Storage within 250m of the study site?	No
6.5 What is the maximum BGS Groundwater Flooding susceptibility within 50m of the study site?	Not Prone
6.6 What is the BGS confidence rating for the Groundwater Flooding susceptibility areas?	Not Applicable

Section 7: Designated Environmentally Sensitive Sites

	On-site	0-50m	51-250	251-500	501-1000	1000-2000
7.1 Records of Sites of Special Scientific Interest (SSSI)	0	0	0	0	0	0
7.2 Records of National Nature Reserves (NNR)	0	0	0	0	0	0
7.3 Records of Special Areas of Conservation (SAC)	0	0	0	0	0	0
7.4 Records of Special Protection Areas (SPA)	0	0	0	0	0	0
7.5 Records of Ramsar sites	0	0	0	0	0	0
7.6 Records of Ancient Woodlands	0	0	0	0	0	0
7.7 Records of Local Nature Reserves (LNR)	0	0	0	0	1	1
7.8 Records of World Heritage Sites	0	0	0	0	0	0
7.9 Records of Environmentally Sensitive Areas	0	0	0	0	0	0
7.10 Records of Areas of Outstanding Natural Beauty (AONB)	0	0	0	0	0	0

Section 7: Designated Environmentally Sensitive Sites	On-site	0-50m	51-250	251-500	501-1000	1000-2000
7.11 Records of National Parks	0	0	0	0	0	0
7.12 Records of Nitrate Sensitive Areas	0	0	0	0	0	0
7.13 Records of Nitrate Vulnerable Zones	0	0	0	0	0	0
7.14 Records of Green Belt Data	0	0	0	0	0	0

Section 8: Natural Hazards

8.1 What is the maximum risk of natural ground subsidence?	Moderate
8.1.1 What is the maximum Shrink-Swell hazard rating identified on the study site?	Moderate
8.1.2 What is the maximum Landslides hazard rating identified on the study site?	Very Low
8.1.3 What is the maximum Soluble Rocks hazard rating identified on the study site?	Negligible
8.1.4 What is the maximum Compressible Ground hazard rating identified on the study site?	Negligible
8.1.5 What is the maximum Collapsible Rocks hazard rating identified on the study site?	Very Low
8.1.6 What is the maximum Running Sand hazard rating identified on the study site?	Negligible

Section 9: Mining

9.1 Are there any coal mining areas within 75m of the study site?	No
9.2 What is the potential for undermining as a result of underground mineral extraction, excluding coal and minerals extracted as a consequence of coal mining?	Unclassified
9.3 Are there any brine affected areas within 75m of the study site?	No

Using this report

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

1. Environmental Permits, Incidents and Registers

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

2. Landfills and Other Waste Sites

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

3. Current Land Uses

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

4. Geology

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

5. Hydrogeology and Hydrology

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

6. Flooding

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

7. Designated Environmentally Sensitive Sites

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

8. Natural Hazards

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

9. Mining

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

10. Contacts

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

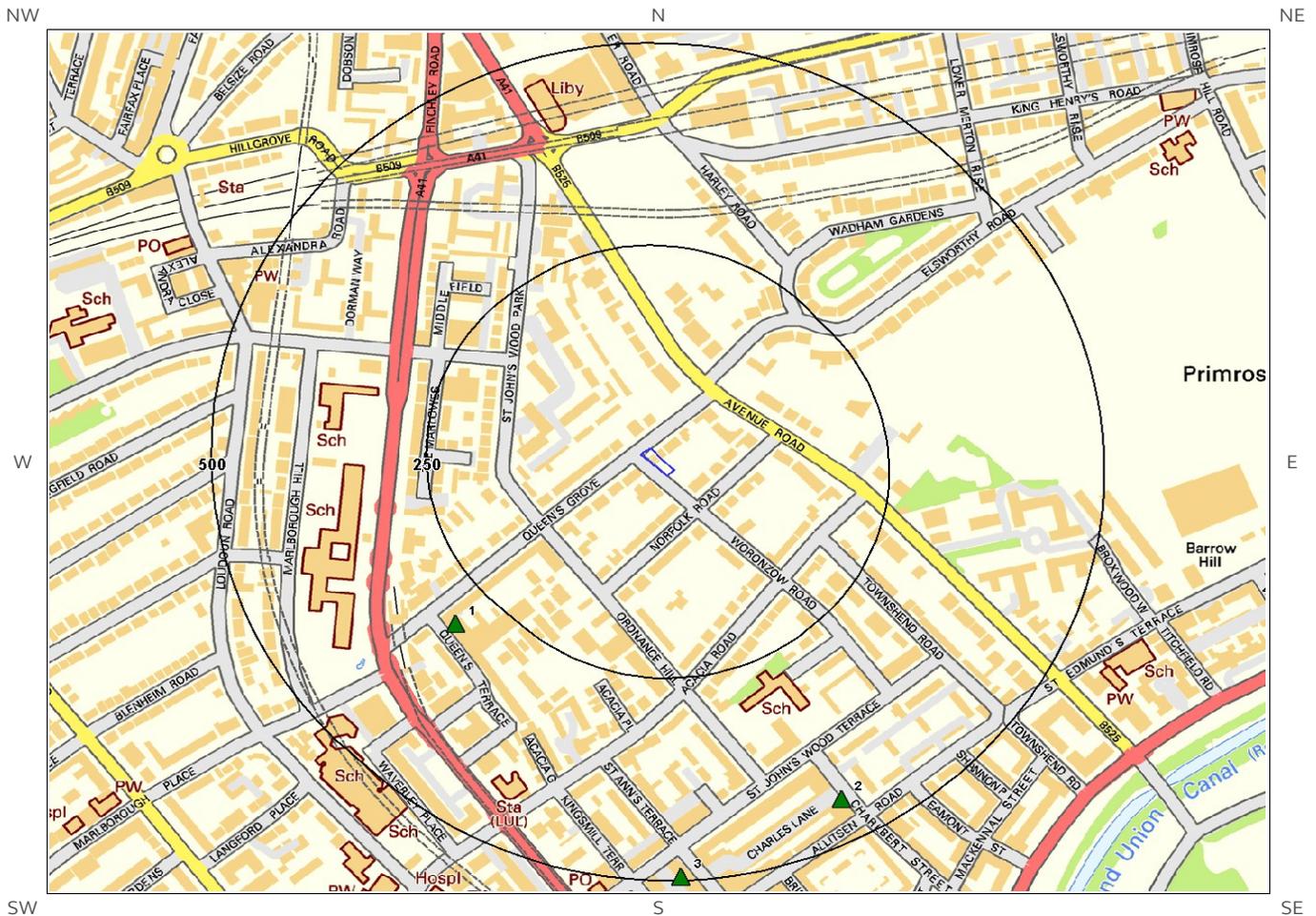
Note: Maps

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

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

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

1. Environmental Permits, Incidents and Registers Map



Environmental Permits, Incidents and Registers Legend

Mapping sourced from 

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

1. Environmental Permits, Incidents and Registers

1.1 Industrial Sites Holding Licences and/or Authorisations

Searches of information provided by the Environment Agency and Local Authorities reveal the following information:

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

0

Database searched and no data found.

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

0

Database searched and no data found.

1.1.3 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.

1.1.4 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.

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

0

Database searched and no data found.

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

0

Database searched and no data found.

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

3

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

ID	Distance	Direction	NGR	Details
1	302.0	SW	526673 183537	Address: Ivy Dry Cleaner, 4 Queens Terrace, NW8 6DX Process: Dry Cleaning Processes Status: Current Permit Permit Type: Part B Enforcement: No Enforcement Notified Date of Enforcement: No Enforcement Notified Comment: No Enforcement Notified
2	449.0	SE	527121 183321	Address: St John's Wood Dry Cleaners, 47 Charlbert Street, NW8 6JN Process: Dry Cleaning Processes Status: Current Permit Permit Type: Part B Enforcement: No Enforcement Notified Date of Enforcement: No Enforcement Notified Comment: No Enforcement Notified
3	497.0	S	526934 183225	Address: Johnsons Cleaners, 69 St. Johns Wood High Street, NW8 7NL Process: Dry Cleaning Processes Status: Historical Permit Permit Type: Part B Enforcement: No Enforcement Notified Date of Enforcement: No Enforcement Notified Comment: No Enforcement Notified

1.1.8 Records of Category 3 or 4 Radioactive Substances Authorisations:

0

Database searched and no data found.

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

0

Database searched and no data found.

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

0

Database searched and no data found.

1.2 Dangerous or Hazardous Sites

Records of COMAH & NIHHS sites within 500m of the study site: 0

Database searched and no data found.

1.3 Environment Agency Recorded Pollution Incidents

1.3.1 Records of National Incidents Recording System, List 2 within 500m of the study site: 0

Database searched and no data found.

1.3.2 Records of National Incidents Recording System, List 1 within 500m of the study site: 0

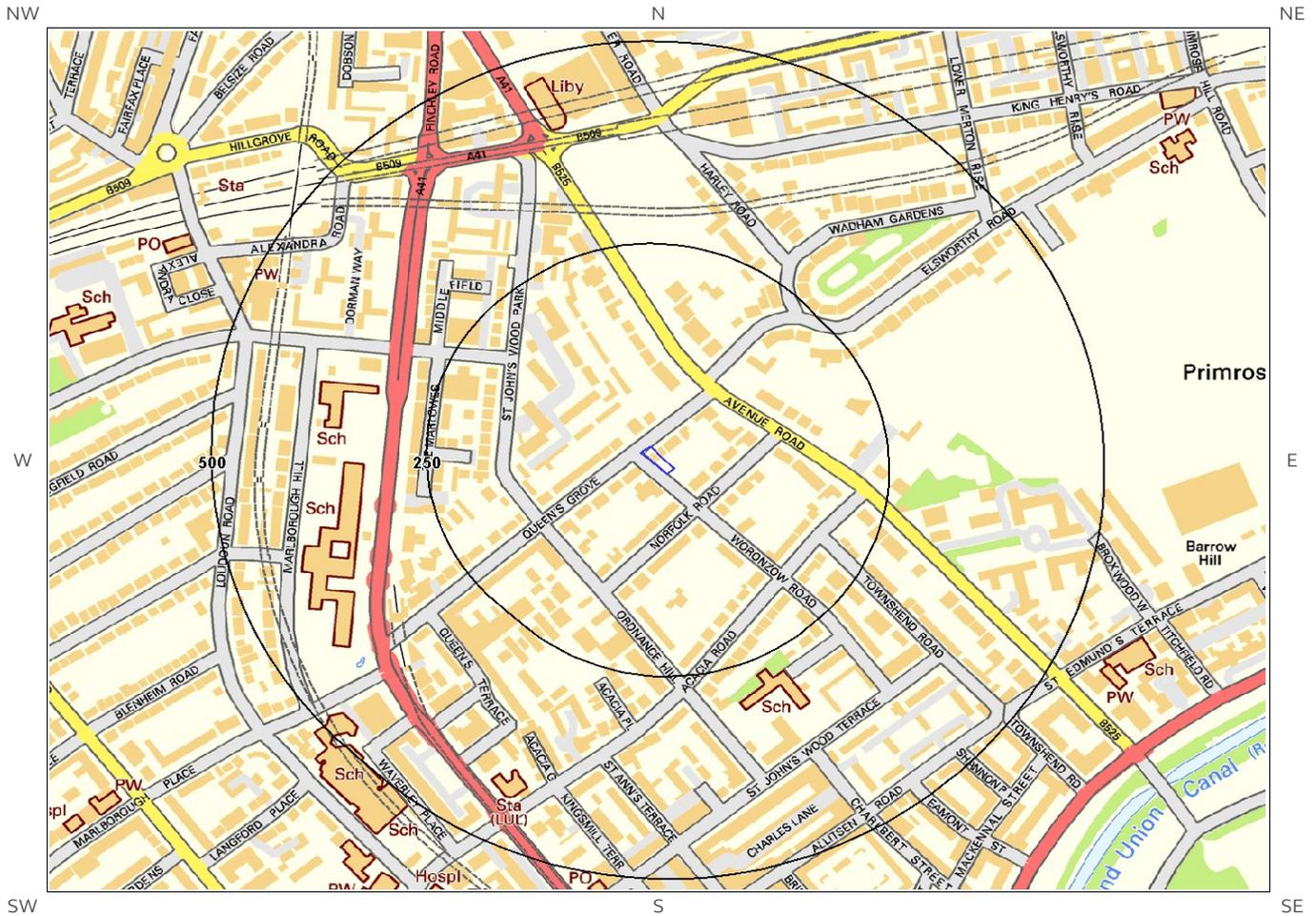
Database searched and no data found.

1.4 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.

2. Landfill and Other Waste Sites Map



Landfill and Other Waste Sites Legend



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

2. Landfill and Other Waste Sites

2.1 Landfill Sites

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

0

Database searched and no data found.

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

1

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
Not shown	1322.0	NW	526000 184800	Site Address: Canfield Place, London NW6 Waste Licence: - Site Reference: DON009 Waste Type: - Environmental Permitting Regulations (Waste) Reference: - Licence Issue: Licence Surrendered: Licence Hold Address: - Operator: - First Recorded Input: Last Recorded Input:

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

0

Database searched and no data found.

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

0

Database searched and no data found.

2.2 Other Waste Sites

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

0

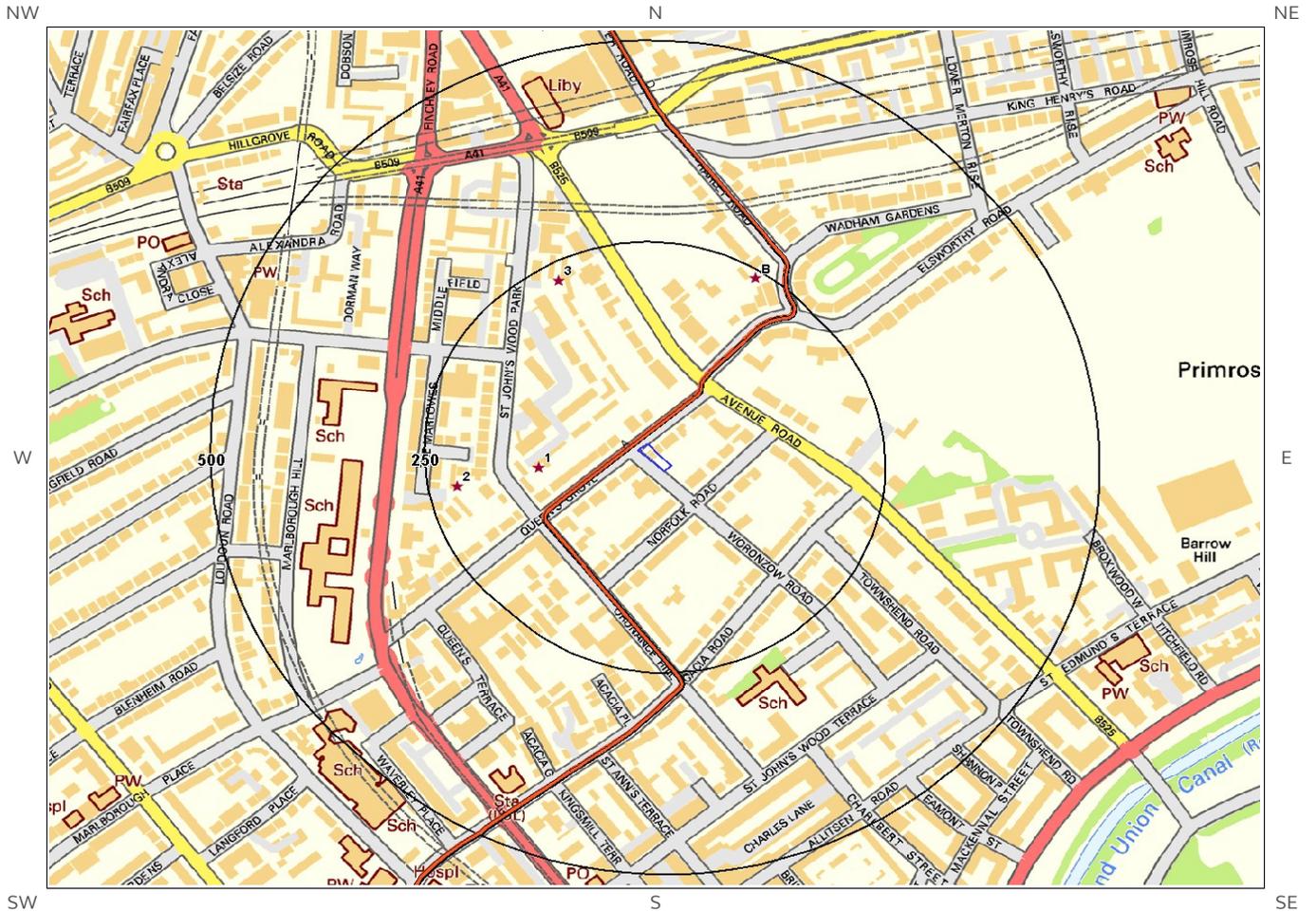
Database searched and no data found.

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

0

Database searched and no data found.

3. Current Land Use Map



Current Land Use Legend



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- | | | | | | |
|---|--------------------|---|--------------------------|---|--------------------------------|
|  | Site Outline |  | Current Industrial Sites |  | Gas Transmission Pipeline |
|  | Search Buffers (m) |  | Petrol & Fuel Sites |  | Electricity Transmission Cable |
|  | 250 | | | | |
|  | 500 | | | | |

3. Current Land Uses

3.1 Current Industrial Data

Records of potentially contaminative industrial sites within 250m of the study site: 4

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

ID	Distance (m)	Direction	Company	NGR	Address	Activity	Category
1	119.0	W	Electricity Sub Station		NW8	Electrical Features	Infrastructure and Facilities
2	217.0	W	Electricity Sub Station		NW8	Electrical Features	Infrastructure and Facilities
3	228.0	NW	Electricity Sub Station		NW8	Electrical Features	Infrastructure and Facilities
4B	240.0	NE	Electricity Sub Station		NW3	Electrical Features	Infrastructure and Facilities

3.2 Petrol and Fuel Sites

Records of petrol or fuel sites within 500m of the study site: 0

Database searched and no data found.

3.3 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:

20

The following Underground High Pressure Oil and Gas pipeline records are represented as linear features on the Current Land Use map:

ID	Distance (m)	Direction	Details	
5A	10	NW	Cable Set: - Cable Route: - Cable Make: -	Cable Type: PILOT Operating Voltage (kV): - Year of installation: - Cable in tunnel: -
6A	10	NW	Cable Route: MILL HILL - ST JOHNS WOOD 1 Cable Set: - Cable Make: -	Cable Type: DECOMMISSIONED Operating Voltage (kV): 275 Year of installation: - Cable in tunnel: -
7A	10	NW	Cable Route: MILL HILL - ST JOHNS WOOD 2 Cable Set: - Cable Make: -	Cable Type: DECOMMISSIONED Operating Voltage (kV): 275 Year of installation: - Cable in tunnel: -
8A	11	NW	Cable Set: - Cable Route: - Cable Make: -	Cable Type: PILOT Operating Voltage (kV): - Year of installation: - Cable in tunnel: -
9B	111	NE	Cable Set: - Cable Route: - Cable Make: -	Cable Type: PILOT Operating Voltage (kV): - Year of installation: - Cable in tunnel: -
10B	115	NE	Cable Route: MILL HILL - ST JOHNS WOOD 2 Cable Set: - Cable Make: -	Cable Type: DECOMMISSIONED Operating Voltage (kV): 275 Year of installation: - Cable in tunnel: -
11B	115	NE	Cable Route: MILL HILL - ST JOHNS WOOD 1 Cable Set: - Cable Make: -	Cable Type: DECOMMISSIONED Operating Voltage (kV): 275 Year of installation: - Cable in tunnel: -
12B	119	NE	Cable Set: - Cable Route: - Cable Make: -	Cable Type: PILOT Operating Voltage (kV): - Year of installation: - Cable in tunnel: -
13C	150	SW	Cable Route: MILL HILL - ST JOHNS WOOD 1 Cable Set: - Cable Make: -	Cable Type: DECOMMISSIONED Operating Voltage (kV): 275 Year of installation: - Cable in tunnel: -
14C	151	SW	Cable Route: MILL HILL - ST JOHNS WOOD 2 Cable Set: - Cable Make: -	Cable Type: DECOMMISSIONED Operating Voltage (kV): 275 Year of installation: - Cable in tunnel: -

ID	Distance (m)	Direction	Details	
15C	151	SW	Cable Set: - Cable Route: - Cable Make: -	Cable Type: PILOT Operating Voltage (kV): - Year of installation: - Cable in tunnel: -
16C	151	SW	Cable Set: - Cable Route: - Cable Make: -	Cable Type: PILOT Operating Voltage (kV): - Year of installation: - Cable in tunnel: -
17D	349	N	Cable Set: - Cable Route: - Cable Make: -	Cable Type: PILOT Operating Voltage (kV): - Year of installation: - Cable in tunnel: -
18D	351	N	Cable Set: - Cable Route: MILL HILL - ST JOHNS WOOD 2 Cable Make: -	Cable Type: DECOMMISSIONED Operating Voltage (kV): 275 Year of installation: - Cable in tunnel: -
19D	351	N	Cable Set: - Cable Route: MILL HILL - ST JOHNS WOOD 1 Cable Make: -	Cable Type: DECOMMISSIONED Operating Voltage (kV): 275 Year of installation: - Cable in tunnel: -
20D	351	N	Cable Set: - Cable Route: - Cable Make: -	Cable Type: PILOT Operating Voltage (kV): - Year of installation: - Cable in tunnel: -
21E	383	S	Cable Set: - Cable Route: - Cable Make: -	Cable Type: PILOT Operating Voltage (kV): - Year of installation: - Cable in tunnel: -
22E	386	S	Cable Set: - Cable Route: MILL HILL - ST JOHNS WOOD 2 Cable Make: -	Cable Type: DECOMMISSIONED Operating Voltage (kV): 275 Year of installation: - Cable in tunnel: -
23E	386	S	Cable Set: - Cable Route: MILL HILL - ST JOHNS WOOD 1 Cable Make: -	Cable Type: DECOMMISSIONED Operating Voltage (kV): 275 Year of installation: - Cable in tunnel: -
24E	389	S	Cable Set: - Cable Route: - Cable Make: -	Cable Type: PILOT Operating Voltage (kV): - Year of installation: - Cable in tunnel: -

3.4 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.

4. Geology

4.1 Artificial Ground and Made Ground

Database searched and no data found.

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

4.2 Superficial Ground and Drift Geology

Database searched and no data found.

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

4.3 Bedrock and Solid Geology

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

Lex Code	Description	Rock Type
LC-CLSISA	LONDON CLAY FORMATION	CLAY, SILT AND SAND

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

5. Hydrogeology and Hydrology

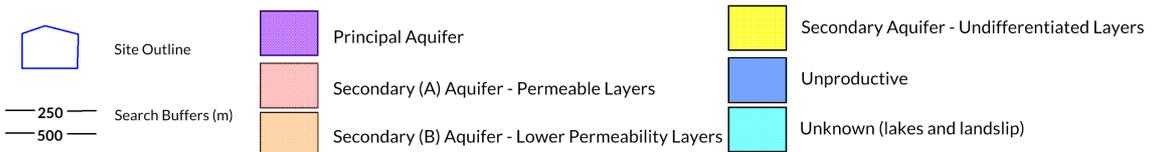
5a. Aquifer Within Superficial Geology



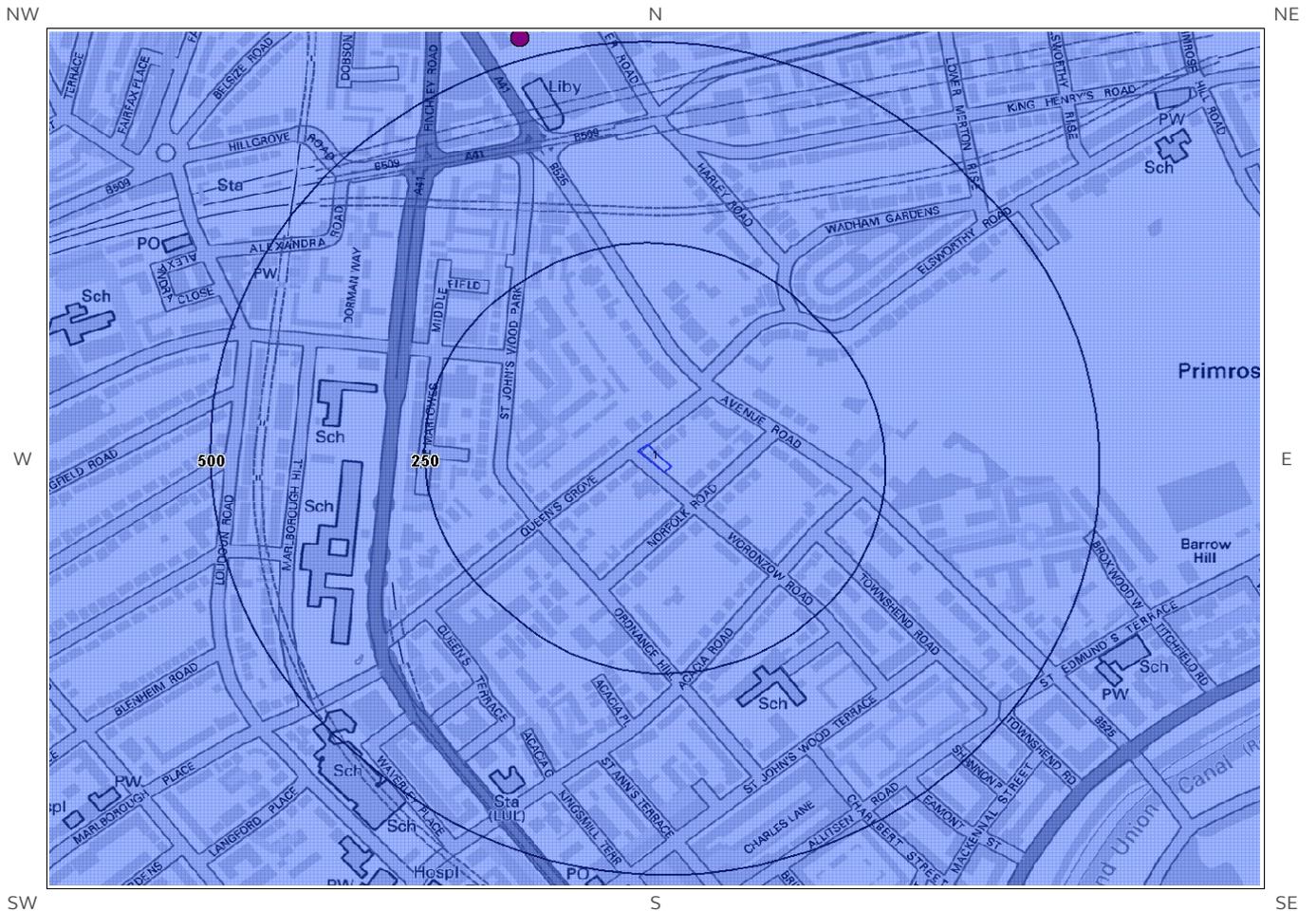
Aquifer Within Superficial Geology



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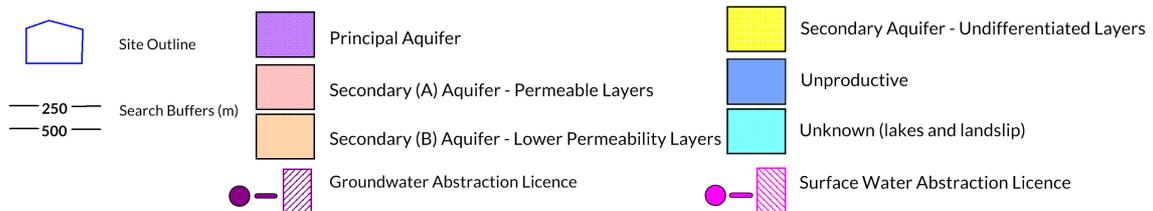
5b. Aquifer Within Bedrock Geology and Abstraction Licenses



Aquifer Within Bedrock Geology and Abstraction Licenses



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5c. Hydrogeology – Source Protection Zones and Potable Water Abstraction Licenses



Hydrogeology-Source Protection Zones and Potable Water Abstraction Licenses



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