

Site Details:

423, LORDSHIP LANE, WOOD
GREEN, LONDON, N22 5DH

Client Ref: GWPR5273
Report Ref: GS-9406661
Grid Ref: 532202, 190501

Map Name: National Grid

Map date: 1982

Scale: 1:10,000

Printed at: 1:10,000



Surveyed 1973
Revised 1982
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1981
Revised 1982
Edition N/A
Copyright N/A
Levelled N/A

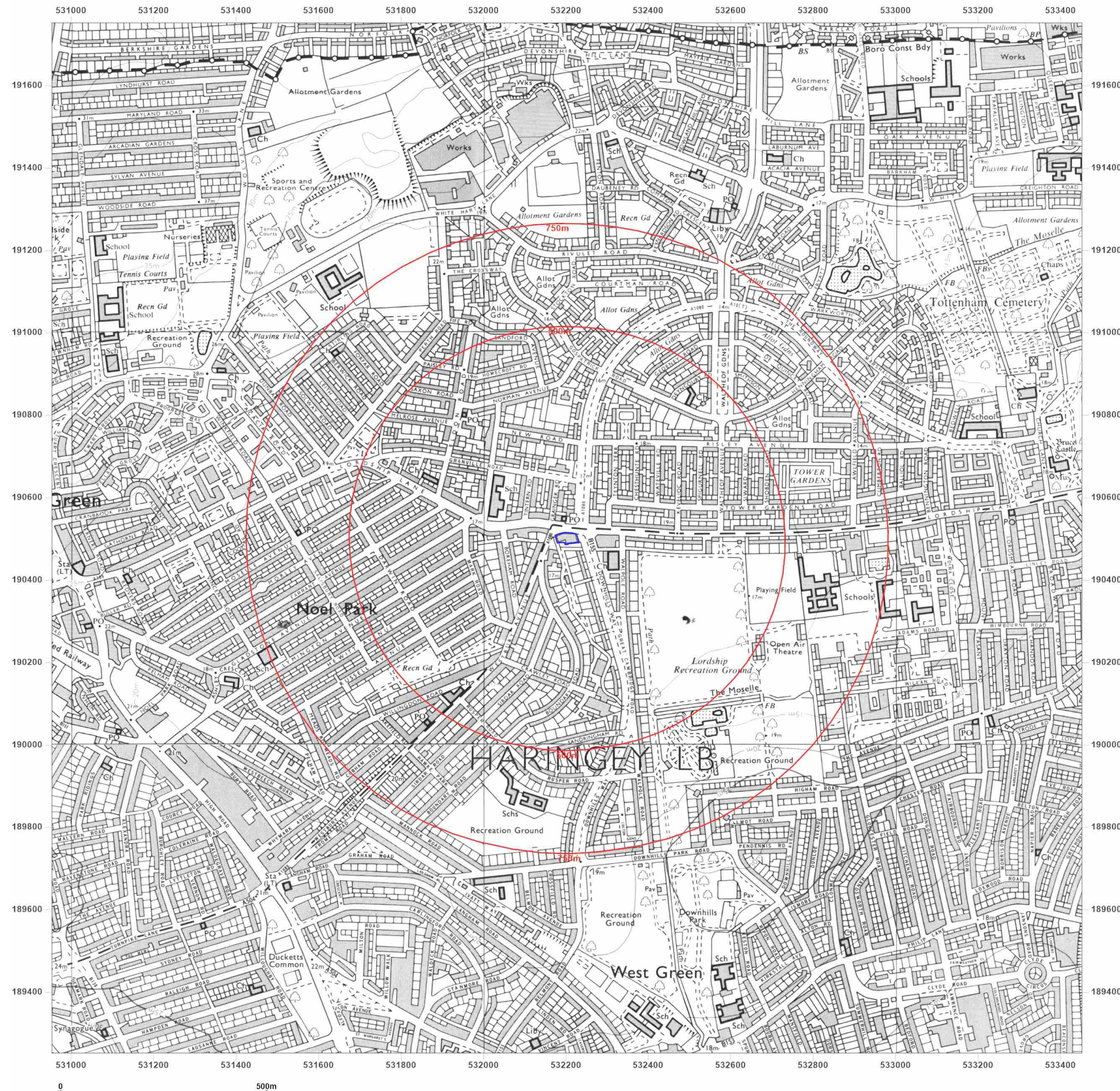


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Site Details:

423, LORDSHIP LANE, WOOD GREEN, LONDON, N22 5DH

Client Ref: GWPR5273
Report Ref: GS-9406661
Grid Ref: 532202, 190501

Map Name: National Grid

Map date: 1989-1991

Scale: 1:10,000

Printed at: 1:10,000



Surveyed 1989
Revised 1991
Edition N/A
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Surveyed 1981
Revised 1989
Edition N/A
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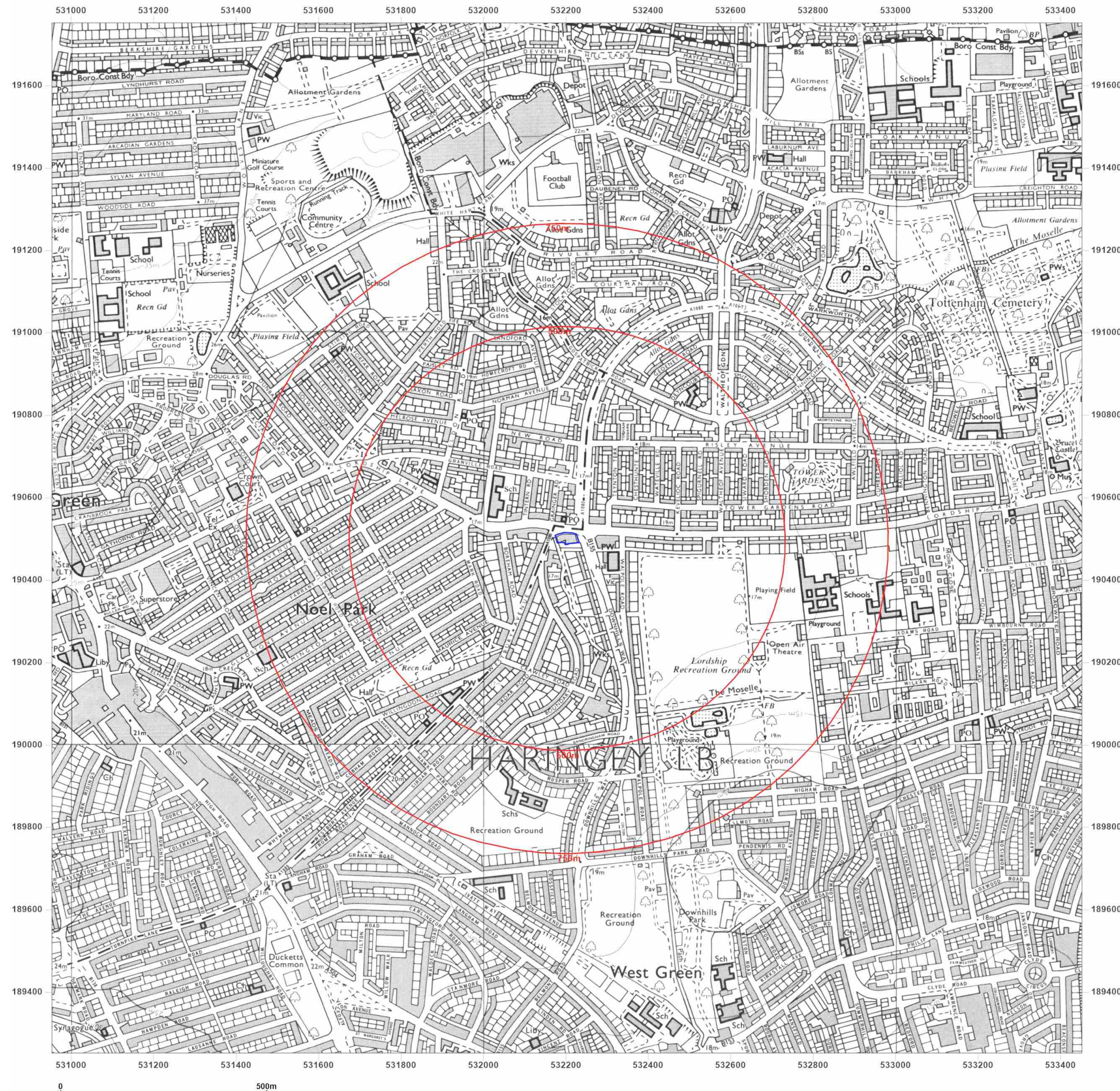


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Site Details:

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GREEN, LONDON, N22 5DH

Client Ref: GWPR5273
Report Ref: GS-9406661
Grid Ref: 532202, 190501

Map Name: National Grid

Map date: 2001

Scale: 1:10,000

Printed at: 1:10,000



2001



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Site Details:

423, LORDSHIP LANE, WOOD GREEN, LONDON, N22 5DH

Client Ref: GWPR5273
Report Ref: GS-9406661
Grid Ref: 532202, 190501

Map Name: National Grid

Map date: 2010

Scale: 1:10,000

Printed at: 1:10,000



2010



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Client Ref: GWPR5273
Report Ref: GS-9406661
Grid Ref: 532202, 190501

Map Name: National Grid

Map date: 2023

Scale: 1:10,000

Printed at: 1:10,000



2023

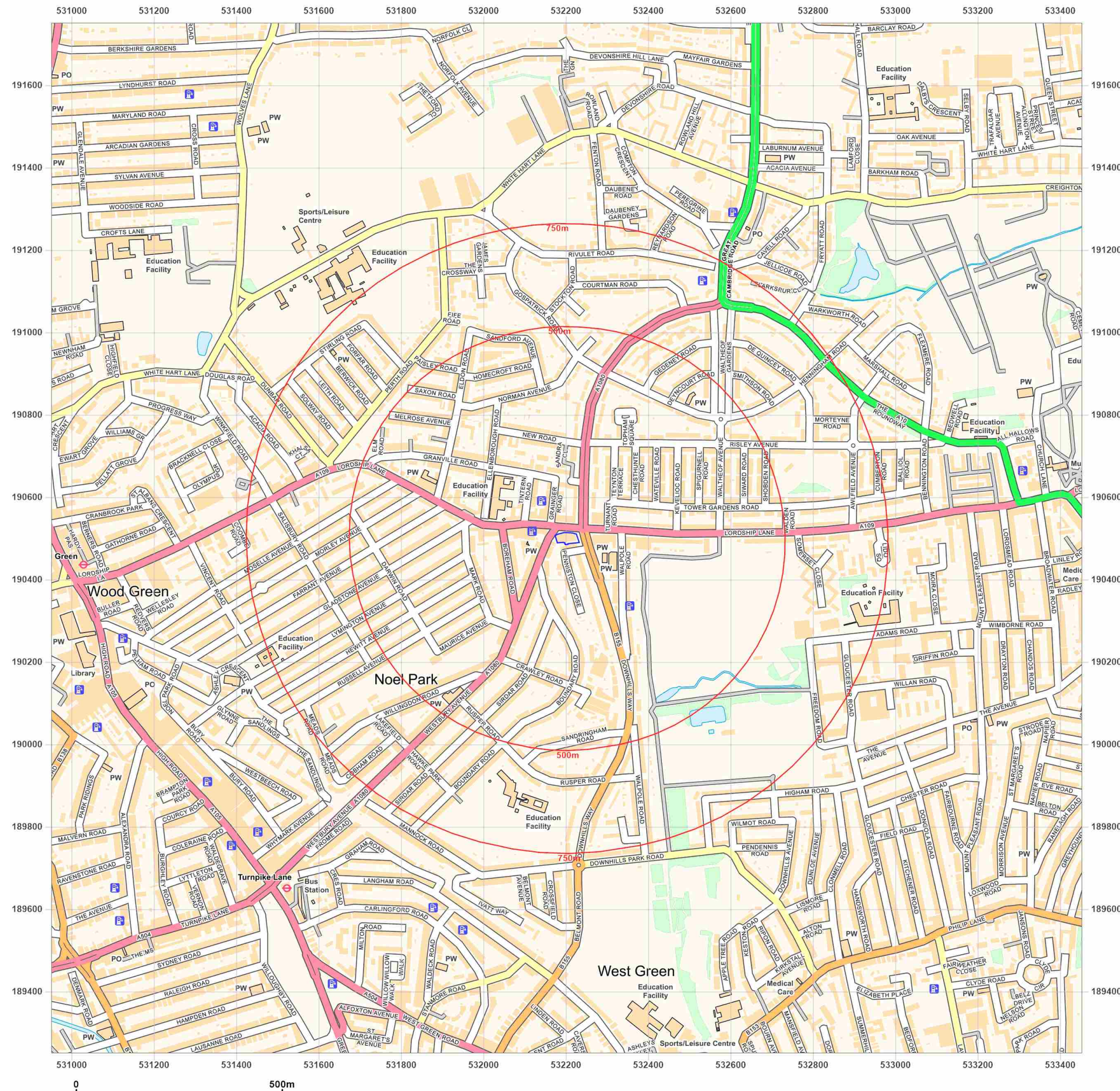


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APPENDIX E: GroundSure EnviroInsight and GeoInsight Datasheets

423, LORDSHIP LANE, WOOD GREEN, LONDON, N22 5DH

Order Details

Date: 08/03/2023

Your ref: GWPR5273

Our Ref: GS-9406662

Site Details

Location: 532198 190504

Area: 0.13 ha

Authority: [London Borough of Haringey](#)



Summary of findings

p. 2

Aerial image

p. 8

OS MasterMap site plan

p.13

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Contact us with any questions at:

info@groundsure.com

01273 257 755

Summary of findings

Page	Section	Past land use	On site	0-50m	50-250m	250-500m	500-2000m
14	1.1	<u>Historical industrial land uses</u>	2	2	1	0	-
15	1.2	Historical tanks	0	0	0	0	-
15	1.3	<u>Historical energy features</u>	0	0	5	13	-
16	1.4	Historical petrol stations	0	0	0	0	-
16	1.5	<u>Historical garages</u>	0	7	0	6	-
17	1.6	Historical military land	0	0	0	0	-
Page	Section	Past land use - un-grouped	On site	0-50m	50-250m	250-500m	500-2000m
18	2.1	<u>Historical industrial land uses</u>	2	2	1	0	-
19	2.2	Historical tanks	0	0	0	0	-
19	2.3	<u>Historical energy features</u>	0	0	14	24	-
21	2.4	Historical petrol stations	0	0	0	0	-
21	2.5	<u>Historical garages</u>	0	10	0	12	-
Page	Section	Waste and landfill	On site	0-50m	50-250m	250-500m	500-2000m
23	3.1	Active or recent landfill	0	0	0	0	-
23	3.2	Historical landfill (BGS records)	0	0	0	0	-
24	3.3	Historical landfill (LA/mapping records)	0	0	0	0	-
24	3.4	Historical landfill (EA/NRW records)	0	0	0	0	-
24	3.5	<u>Historical waste sites</u>	0	0	0	1	-
24	3.6	Licensed waste sites	0	0	0	0	-
25	3.7	<u>Waste exemptions</u>	0	2	6	6	-
Page	Section	Current industrial land use	On site	0-50m	50-250m	250-500m	500-2000m
27	4.1	<u>Recent industrial land uses</u>	0	1	12	-	-
28	4.2	<u>Current or recent petrol stations</u>	0	1	1	0	-
29	4.3	Electricity cables	0	0	0	0	-
29	4.4	Gas pipelines	0	0	0	0	-
29	4.5	Sites determined as Contaminated Land	0	0	0	0	-



29	4.6	Control of Major Accident Hazards (COMAH)	0	0	0	0	-
29	4.7	Regulated explosive sites	0	0	0	0	-
30	4.8	Hazardous substance storage/usage	0	0	0	0	-
30	4.9	Historical licensed industrial activities (IPC)	0	0	0	0	-
30	4.10	Licensed industrial activities (Part A(1))	0	0	0	0	-
30	4.11	<u>Licensed pollutant release (Part A(2)/B)</u>	0	0	1	0	-
31	4.12	Radioactive Substance Authorisations	0	0	0	0	-
31	4.13	Licensed Discharges to controlled waters	0	0	0	0	-
31	4.14	Pollutant release to surface waters (Red List)	0	0	0	0	-
31	4.15	Pollutant release to public sewer	0	0	0	0	-
31	4.16	List 1 Dangerous Substances	0	0	0	0	-
32	4.17	List 2 Dangerous Substances	0	0	0	0	-
32	4.18	<u>Pollution Incidents (EA/NRW)</u>	0	0	0	2	-
32	4.19	Pollution inventory substances	0	0	0	0	-
33	4.20	Pollution inventory waste transfers	0	0	0	0	-
33	4.21	Pollution inventory radioactive waste	0	0	0	0	-
Page	Section	Hydrogeology	On site	0-50m	50-250m	250-500m	500-2000m
34	5.1	Superficial aquifer	None (within 500m)				
35	5.2	<u>Bedrock aquifer</u>	Identified (within 500m)				
36	5.3	<u>Groundwater vulnerability</u>	Identified (within 50m)				
37	5.4	Groundwater vulnerability- soluble rock risk	None (within 0m)				
37	5.5	Groundwater vulnerability- local information	None (within 0m)				
38	5.6	<u>Groundwater abstractions</u>	0	0	0	0	25
44	5.7	Surface water abstractions	0	0	0	0	0
44	5.8	<u>Potable abstractions</u>	0	0	0	0	15
47	5.9	Source Protection Zones	0	0	0	0	-
47	5.10	Source Protection Zones (confined aquifer)	0	0	0	0	-
Page	Section	Hydrology	On site	0-50m	50-250m	250-500m	500-2000m
48	6.1	<u>Water Network (OS MasterMap)</u>	0	1	0	-	-



49	6.2	Surface water features	0	0	0	-	-
49	6.3	<u>WFD Surface water body catchments</u>	1	-	-	-	-
49	6.4	<u>WFD Surface water bodies</u>	0	1	0	-	-
50	6.5	WFD Groundwater bodies	0	-	-	-	-
Page	Section	River and coastal flooding	On site	0-50m	50-250m	250-500m	500-2000m
51	7.1	Risk of flooding from rivers and the sea	None (within 50m)				
51	7.2	Historical Flood Events	0	0	0	-	-
51	7.3	Flood Defences	0	0	0	-	-
52	7.4	Areas Benefiting from Flood Defences	0	0	0	-	-
52	7.5	Flood Storage Areas	0	0	0	-	-
53	7.6	Flood Zone 2	None (within 50m)				
53	7.7	Flood Zone 3	None (within 50m)				
Page	Section	Surface water flooding					
54	8.1	<u>Surface water flooding</u>	1 in 30 year, 0.1m - 0.3m (within 50m)				
Page	Section	Groundwater flooding					
56	9.1	<u>Groundwater flooding</u>	Moderate (within 50m)				
Page	Section	Environmental designations	On site	0-50m	50-250m	250-500m	500-2000m
57	10.1	Sites of Special Scientific Interest (SSSI)	0	0	0	0	0
58	10.2	Conserved wetland sites (Ramsar sites)	0	0	0	0	0
58	10.3	Special Areas of Conservation (SAC)	0	0	0	0	0
58	10.4	Special Protection Areas (SPA)	0	0	0	0	0
58	10.5	National Nature Reserves (NNR)	0	0	0	0	0
59	10.6	<u>Local Nature Reserves (LNR)</u>	0	0	0	0	1
59	10.7	Designated Ancient Woodland	0	0	0	0	0
59	10.8	Biosphere Reserves	0	0	0	0	0
59	10.9	Forest Parks	0	0	0	0	0
60	10.10	Marine Conservation Zones	0	0	0	0	0
60	10.11	Green Belt	0	0	0	0	0
60	10.12	Proposed Ramsar sites	0	0	0	0	0



60	10.13	Possible Special Areas of Conservation (pSAC)	0	0	0	0	0
60	10.14	Potential Special Protection Areas (pSPA)	0	0	0	0	0
61	10.15	Nitrate Sensitive Areas	0	0	0	0	0
61	10.16	<u>Nitrate Vulnerable Zones</u>	0	1	0	0	1
62	10.17	<u>SSSI Impact Risk Zones</u>	1	-	-	-	-
63	10.18	SSSI Units	0	0	0	0	0
Page	Section	Visual and cultural designations	On site	0-50m	50-250m	250-500m	500-2000m
64	11.1	World Heritage Sites	0	0	0	-	-
65	11.2	Area of Outstanding Natural Beauty	0	0	0	-	-
65	11.3	National Parks	0	0	0	-	-
65	11.4	<u>Listed Buildings</u>	0	0	2	-	-
66	11.5	<u>Conservation Areas</u>	0	0	3	-	-
66	11.6	Scheduled Ancient Monuments	0	0	0	-	-
66	11.7	Registered Parks and Gardens	0	0	0	-	-
Page	Section	Agricultural designations	On site	0-50m	50-250m	250-500m	500-2000m
67	12.1	<u>Agricultural Land Classification</u>	Urban (within 250m)				
68	12.2	<u>Open Access Land</u>	3	1	0	-	-
68	12.3	Tree Felling Licences	0	0	0	-	-
68	12.4	Environmental Stewardship Schemes	0	0	0	-	-
69	12.5	Countryside Stewardship Schemes	0	0	0	-	-
Page	Section	Habitat designations	On site	0-50m	50-250m	250-500m	500-2000m
70	13.1	Priority Habitat Inventory	0	0	0	-	-
70	13.2	Habitat Networks	0	0	0	-	-
70	13.3	Open Mosaic Habitat	0	0	0	-	-
70	13.4	Limestone Pavement Orders	0	0	0	-	-
Page	Section	Geology 1:10,000 scale	On site	0-50m	50-250m	250-500m	500-2000m
71	14.1	<u>10k Availability</u>	Identified (within 500m)				
72	14.2	Artificial and made ground (10k)	0	0	0	0	-
73	14.3	Superficial geology (10k)	0	0	0	0	-

73	14.4	Landslip (10k)	0	0	0	0	-
74	14.5	<u>Bedrock geology (10k)</u>	1	0	0	1	-
75	14.6	Bedrock faults and other linear features (10k)	0	0	0	0	-
Page	Section	Geology 1:50,000 scale	On site	0-50m	50-250m	250-500m	500-2000m
76	15.1	<u>50k Availability</u>	Identified (within 500m)				
77	15.2	Artificial and made ground (50k)	0	0	0	0	-
77	15.3	Artificial ground permeability (50k)	0	0	-	-	-
78	15.4	Superficial geology (50k)	0	0	0	0	-
78	15.5	Superficial permeability (50k)	None (within 50m)				
78	15.6	Landslip (50k)	0	0	0	0	-
78	15.7	Landslip permeability (50k)	None (within 50m)				
79	15.8	<u>Bedrock geology (50k)</u>	1	0	0	0	-
80	15.9	<u>Bedrock permeability (50k)</u>	Identified (within 50m)				
80	15.10	Bedrock faults and other linear features (50k)	0	0	0	0	-
Page	Section	Boreholes	On site	0-50m	50-250m	250-500m	500-2000m
81	16.1	BGS Boreholes	0	0	0	-	-
Page	Section	Natural ground subsidence					
82	17.1	<u>Shrink swell clays</u>	Moderate (within 50m)				
83	17.2	<u>Running sands</u>	Very low (within 50m)				
84	17.3	<u>Compressible deposits</u>	Negligible (within 50m)				
85	17.4	<u>Collapsible deposits</u>	Very low (within 50m)				
86	17.5	<u>Landslides</u>	Very low (within 50m)				
87	17.6	<u>Ground dissolution of soluble rocks</u>	Negligible (within 50m)				
Page	Section	Mining, ground workings and natural cavities	On site	0-50m	50-250m	250-500m	500-2000m
88	18.1	Natural cavities	0	0	0	0	-
89	18.2	BritPits	0	0	0	0	-
89	18.3	<u>Surface ground workings</u>	2	2	0	-	-
89	18.4	Underground workings	0	0	0	0	0
89	18.5	Historical Mineral Planning Areas	0	0	0	0	-



90	18.6	Non-coal mining	0	0	0	0	0
90	18.7	Mining cavities	0	0	0	0	0
90	18.8	JPB mining areas	None (within 0m)				
90	18.9	Coal mining	None (within 0m)				
90	18.10	Brine areas	None (within 0m)				
91	18.11	Gypsum areas	None (within 0m)				
91	18.12	Tin mining	None (within 0m)				
91	18.13	Clay mining	None (within 0m)				
Page	Section	Radon					
92	19.1	<u>Radon</u>	Less than 1% (within 0m)				
Page	Section	Soil chemistry	On site	0-50m	50-250m	250-500m	500-2000m
94	20.1	<u>BGS Estimated Background Soil Chemistry</u>	2	0	-	-	-
94	20.2	<u>BGS Estimated Urban Soil Chemistry</u>	4	0	-	-	-
95	20.3	BGS Measured Urban Soil Chemistry	0	0	-	-	-
Page	Section	Railway infrastructure and projects	On site	0-50m	50-250m	250-500m	500-2000m
96	21.1	Underground railways (London)	0	0	0	-	-
96	21.2	Underground railways (Non-London)	0	0	0	-	-
96	21.3	Railway tunnels	0	0	0	-	-
96	21.4	Historical railway and tunnel features	0	0	0	-	-
96	21.5	Royal Mail tunnels	0	0	0	-	-
97	21.6	Historical railways	0	0	0	-	-
97	21.7	Railways	0	0	0	-	-
97	21.8	Crossrail 1	0	0	0	0	-
97	21.9	Crossrail 2	0	0	0	0	-
97	21.10	HS2	0	0	0	0	-



Recent aerial photograph



Capture Date: 14/06/2021

Site Area: 0.13ha



Recent site history - 2019 aerial photograph

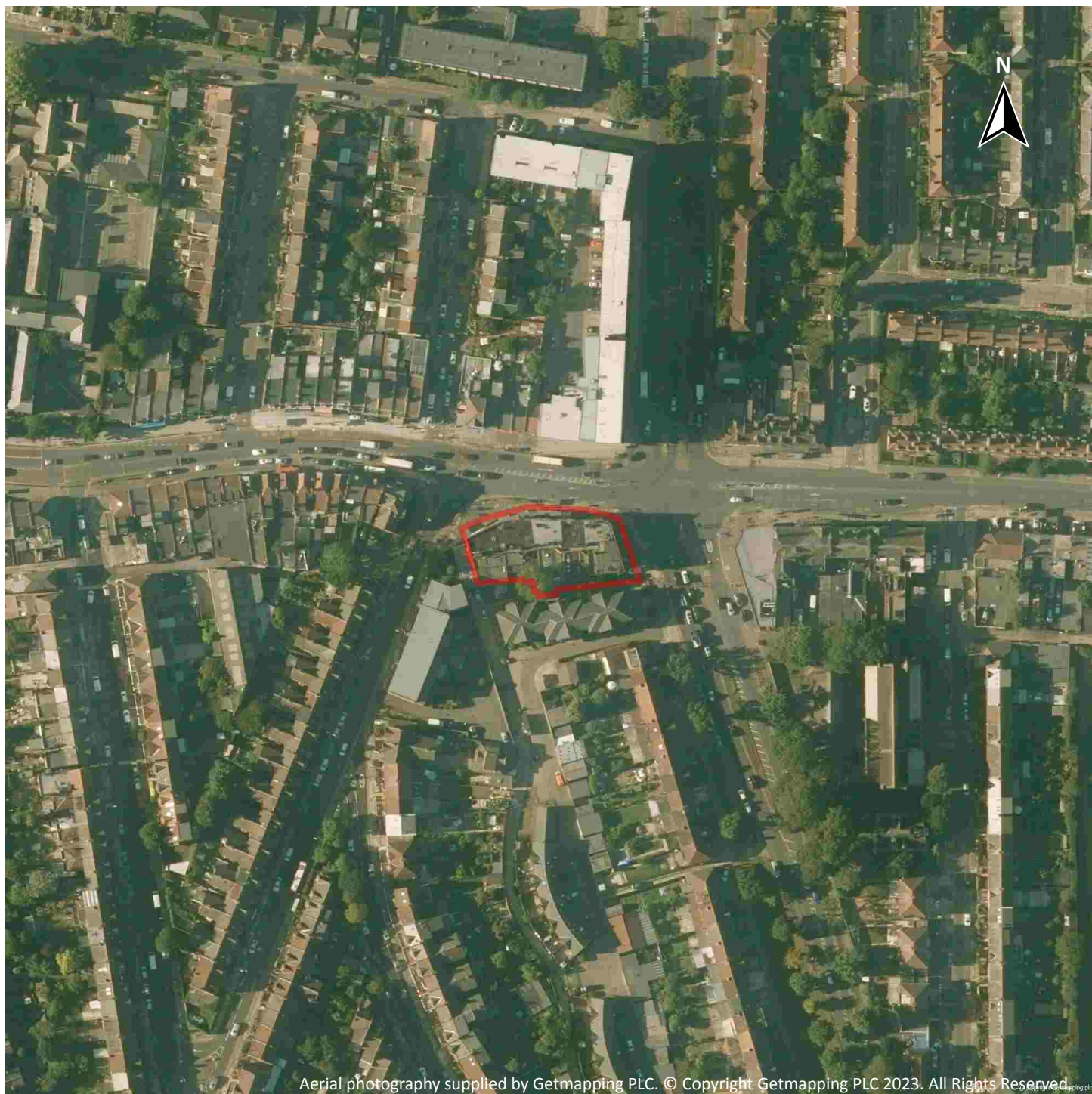


Capture Date: 22/08/2019

Site Area: 0.13ha



Recent site history - 2016 aerial photograph



Capture Date: 12/08/2016

Site Area: 0.13ha



Recent site history - 2013 aerial photograph



Capture Date: 28/04/2013

Site Area: 0.13ha



Recent site history - 1999 aerial photograph

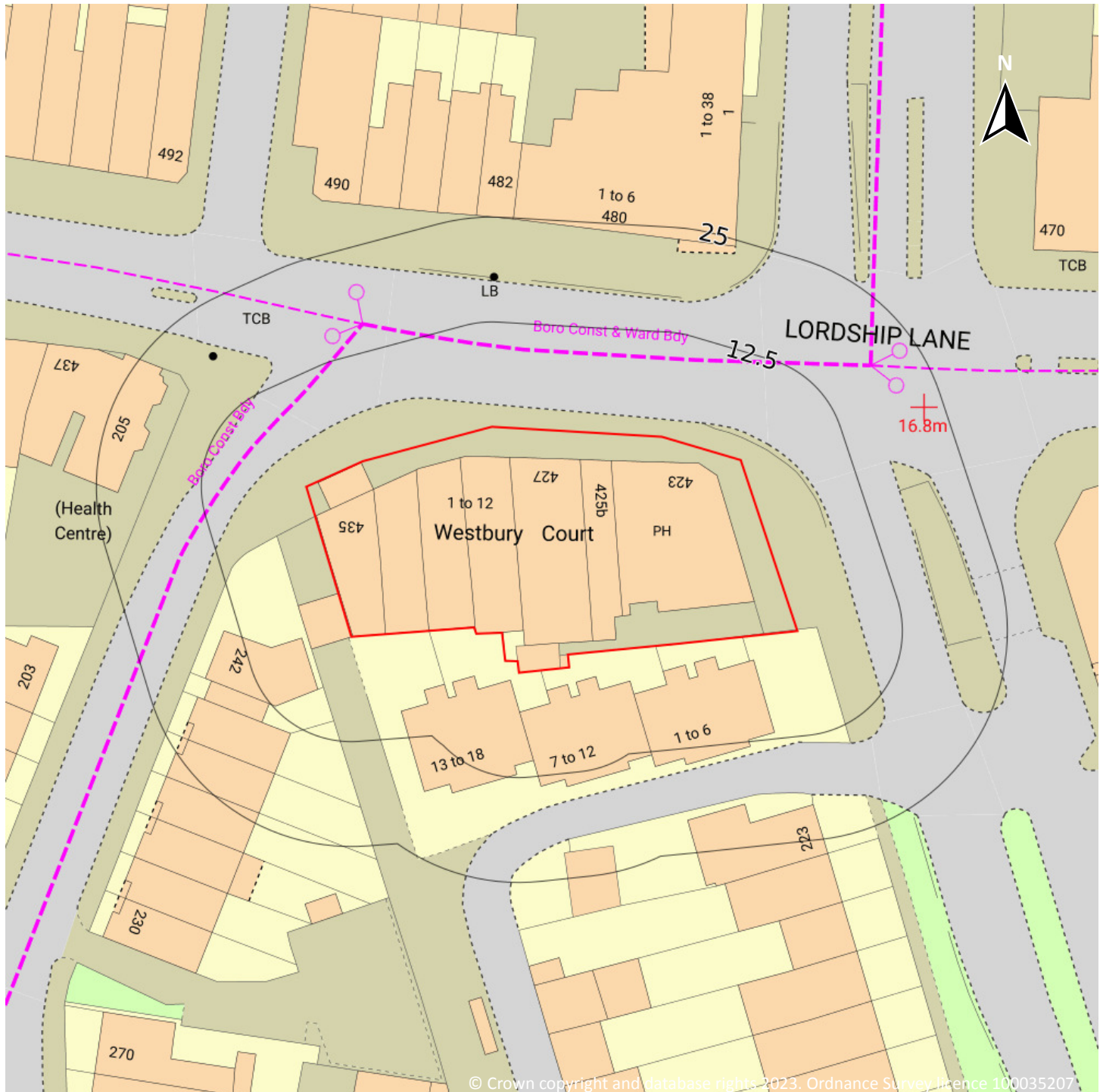


Capture Date: 04/09/1999

Site Area: 0.13ha



OS MasterMap site plan



Site Area: 0.13ha



- Site Outline
- Search buffers in metres (m)
-  Historical industrial land uses
 -  Historical energy features
 -  Historical garages

5

Features are displayed on the Past land use map on **page 14**

ID	Location	Land use	Dates present	Group ID
A	On site	Cuttings	1879	2202863

ID	Location	Land use	Dates present	Group ID
A	On site	Cuttings	1869	2205816
C	13m NW	Cuttings	1869	2206843
C	13m NW	Cuttings	1879	2216428
G	250m S	Unspecified Works	1991	2159772

This data is sourced from Ordnance Survey / Groundsure.

1.2 Historical tanks

Records within 500m	0
----------------------------	----------

Tank features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original ungrouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

This data is sourced from Ordnance Survey / Groundsure.

1.3 Historical energy features

Records within 500m	18
----------------------------	-----------

Energy features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original ungrouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use map on **page 14**

ID	Location	Land use	Dates present	Group ID
E	122m E	Electricity Substation	1983	245103
E	127m E	Electricity Substation	1955 - 1995	284573
1	204m N	Electricity Substation	1971 - 1991	278388
F	228m SW	Electricity Substation	1972 - 1983	279626
F	228m SW	Electricity Substation	1991 - 1995	283048
2	294m NW	Electricity Substation	1955 - 1991	274554
3	341m NE	Electricity Substation	1991	245104



ID	Location	Land use	Dates present	Group ID
4	353m E	Electricity Substation	1989 - 1991	258345
H	400m SW	Electricity Substation	1955	291946
H	401m SW	Electricity Substation	1955 - 1987	285904
G	402m S	Electricity Substation	1995	275771
G	406m S	Electricity Substation	1955 - 1995	290682
G	406m S	Electricity Substations	1955	250047
G	407m S	Electricity Substation	1983	270852
5	460m W	Electricity Substation	1987	245040
J	490m NW	Electricity Substation	1955	268481
J	491m NW	Electricity Substation	1955 - 1971	282809
J	497m NW	Electricity Substation	1991	255440

This data is sourced from Ordnance Survey / Groundsure.

1.4 Historical petrol stations

Records within 500m

0

Petrol stations digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original ungrouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

This data is sourced from Ordnance Survey / Groundsure.

1.5 Historical garages

Records within 500m

13

Garages digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original ungrouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use map on **page 14**



ID	Location	Land use	Dates present	Group ID
B	3m SW	Garage	1983	76181
B	4m SW	Garage	1955	76107
B	5m SW	Garage	1955	78577
B	5m SW	Garage	1991 - 1995	82207
D	46m N	Garage	1955 - 1991	83545
D	46m N	Garage	1955	78356
D	46m N	Garage	1971	77110
G	371m S	Garage	1995	83742
G	395m S	Garage	1991 - 1995	85396
G	396m S	Garage	1972 - 1983	80360
I	473m W	Garage	1955	84294
I	473m W	Garage	1991	75180
I	483m W	Garage	1955 - 1971	81314

This data is sourced from Ordnance Survey / Groundsure.

1.6 Historical military land

Records within 500m

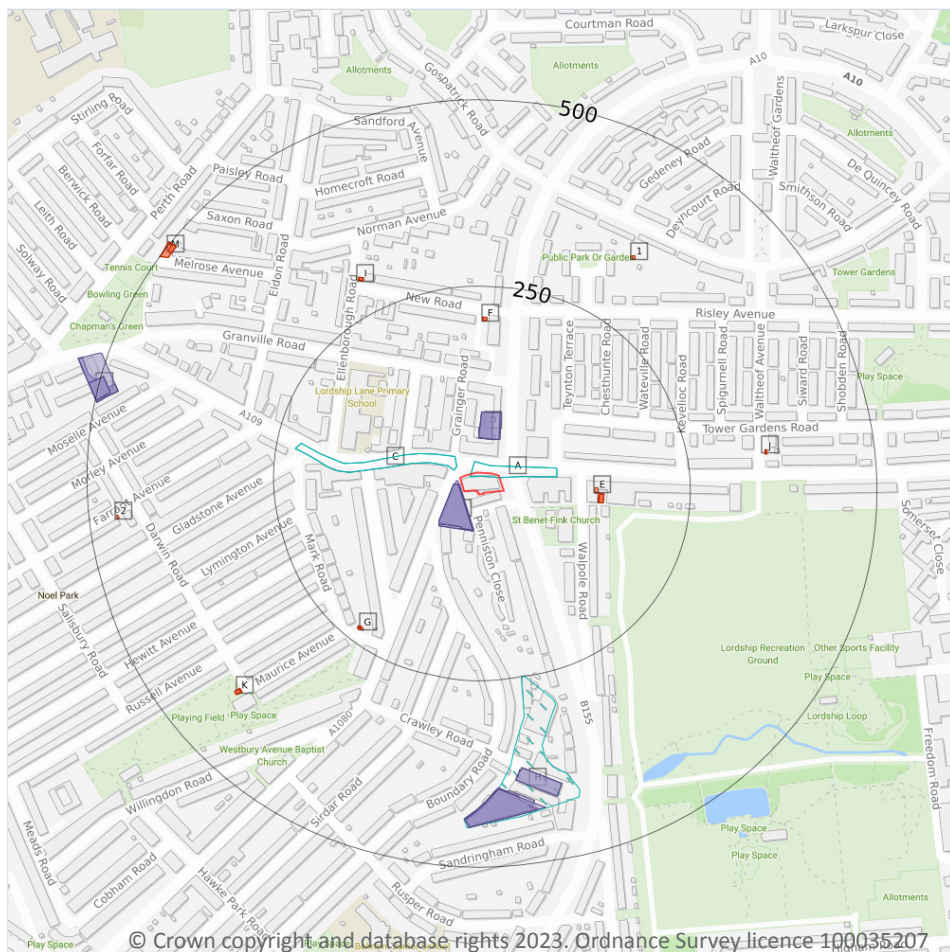
0

Areas of military land digitised from multiple sources including the National Archives, local records, MOD records and verified other sources, intelligently grouped into contiguous features.

This data is sourced from Ordnance Survey / Groundsure / other sources.



2 Past land use - un-grouped



- Site Outline
- Search buffers in metres (m)
- Historical industrial land uses
- Historical energy features
- Historical garages

2.1 Historical industrial land uses

Records within 500m

5

Potentially contaminative land use features digitised from historical Ordnance Survey mapping at 1:10,000 and 10,560 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use - un-grouped map on **page 18**

ID	Location	Land Use	Date	Group ID
A	On site	Cuttings	1879	2202863
A	On site	Cuttings	1869	2205816
C	13m NW	Cuttings	1879	2216428



ID	Location	Land Use	Date	Group ID
C	13m NW	Cuttings	1869	2206843
H	250m S	Unspecified Works	1991	2159772

This data is sourced from Ordnance Survey / Groundsure.

2.2 Historical tanks

Records within 500m

0

Tank features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

This data is sourced from Ordnance Survey / Groundsure.

2.3 Historical energy features

Records within 500m

38

Energy features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use - un-grouped map on **page 18**

ID	Location	Land Use	Date	Group ID
E	122m E	Electricity Substation	1983	245103
E	127m E	Electricity Substation	1991	284573
E	127m E	Electricity Substation	1995	284573
E	127m E	Electricity Substation	1995	284573
E	128m E	Electricity Substation	1972	284573
E	128m E	Electricity Substation	1955	284573
E	128m E	Electricity Substation	1955	284573
F	204m N	Electricity Substation	1991	278388
F	204m N	Electricity Substation	1971	278388
G	228m SW	Electricity Substation	1983	279626
G	228m SW	Electricity Substation	1991	283048



ID	Location	Land Use	Date	Group ID
G	228m SW	Electricity Substation	1995	283048
G	228m SW	Electricity Substation	1995	283048
G	229m SW	Electricity Substation	1972	279626
I	294m NW	Electricity Substation	1955	274554
I	295m NW	Electricity Substation	1991	274554
I	295m NW	Electricity Substation	1971	274554
I	295m NW	Electricity Substation	1955	274554
1	341m NE	Electricity Substation	1991	245104
J	353m E	Electricity Substation	1989	258345
J	354m E	Electricity Substation	1991	258345
K	400m SW	Electricity Substation	1955	291946
K	401m SW	Electricity Substation	1955	285904
K	401m SW	Electricity Substation	1955	285904
H	402m S	Electricity Substation	1995	275771
K	402m SW	Electricity Substation	1987	285904
H	406m S	Electricity Substation	1991	290682
H	406m S	Electricity Substation	1995	290682
H	406m S	Electricity Substations	1955	250047
H	407m S	Electricity Substation	1972	290682
H	407m S	Electricity Substation	1955	290682
H	407m S	Electricity Substation	1983	270852
2	460m W	Electricity Substation	1987	245040
M	490m NW	Electricity Substation	1955	268481
M	490m NW	Electricity Substation	1955	268481
M	491m NW	Electricity Substation	1971	282809
M	491m NW	Electricity Substation	1955	282809
M	497m NW	Electricity Substation	1991	255440

This data is sourced from Ordnance Survey / Groundsure.



2.4 Historical petrol stations

Records within 500m

0

Petrol stations digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

This data is sourced from Ordnance Survey / Groundsure.

2.5 Historical garages

Records within 500m

22

Garages digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use - un-grouped map on **page 18**

ID	Location	Land Use	Date	Group ID
B	3m SW	Garage	1983	76181
B	4m SW	Garage	1955	76107
B	5m SW	Garage	1955	78577
B	5m SW	Garage	1995	82207
B	5m SW	Garage	1991	82207
B	5m SW	Garage	1995	82207
D	46m N	Garage	1955	83545
D	46m N	Garage	1955	78356
D	46m N	Garage	1971	77110
D	46m N	Garage	1991	83545
H	371m S	Garage	1995	83742
H	371m S	Garage	1995	83742
H	395m S	Garage	1995	85396
H	395m S	Garage	1991	85396
H	395m S	Garage	1995	85396
H	396m S	Garage	1983	80360

ID	Location	Land Use	Date	Group ID
H	396m S	Garage	1972	80360
L	473m W	Garage	1955	84294
L	473m W	Garage	1955	84294
L	473m W	Garage	1991	75180
L	483m W	Garage	1971	81314
L	483m W	Garage	1955	81314

This data is sourced from Ordnance Survey / Groundsure.



3 Waste and landfill



- Site Outline
- Search buffers in metres (m)
- Historical waste sites
- Waste exemptions

3.1 Active or recent landfill

Records within 500m

0

Active or recently closed landfill sites under Environment Agency/Natural Resources Wales regulation.

This data is sourced from the Environment Agency and Natural Resources Wales.

3.2 Historical landfill (BGS records)

Records within 500m

0

Landfill sites identified on a survey carried out on behalf of the DoE in 1973. These sites may have been closed or operational at this time.

This data is sourced from the British Geological Survey.



3.3 Historical landfill (LA/mapping records)

Records within 500m**0**

Landfill sites identified from Local Authority records and high detail historical mapping.

This data is sourced from the Ordnance Survey/Groundsure and Local Authority records.

3.4 Historical landfill (EA/NRW records)

Records within 500m**0**

Known historical (closed) landfill sites (e.g. sites where there is no PPC permit or waste management licence currently in force). This includes sites that existed before the waste licensing regime and sites that have been licensed in the past but where a licence has been revoked, ceased to exist or surrendered and a certificate of completion has been issued.

This data is sourced from the Environment Agency and Natural Resources Wales.

3.5 Historical waste sites

Records within 500m**1**

Waste site records derived from Local Authority planning records and high detail historical mapping.

Features are displayed on the Waste and landfill map on **page 23**

ID	Location	Address	Further Details	Date
2	298m NE	Site Address: 1-25 Risley Avenue, LONDON, Central London, N17 7HJ	Type of Site: Waste Storage Shed Planning application reference: HGY/2008/2267 Description: Scheme comprises installation of pre cast concrete storage shed within housing estate boundary to facilitate storage and collection of bulk rubbish to council housing estate. An application (ref: HGY/2008/2267) for detailed planning permission was granted by Haringey L.B. Planning decision obtained Data source: Historic Planning Application Data Type: Point	-

This data is sourced from Ordnance Survey/Groundsure and Local Authority records.

3.6 Licensed waste sites

Records within 500m**0**

Active or recently closed waste sites under Environment Agency/Natural Resources Wales regulation.

This data is sourced from the Environment Agency and Natural Resources Wales.



3.7 Waste exemptions

Records within 500m
14

Activities involving the storage, treatment, use or disposal of waste that are exempt from needing a permit. Exemptions have specific limits and conditions that must be adhered to.

Features are displayed on the Waste and landfill map on **page 23**

ID	Location	Site	Reference	Category	Sub-Category	Description
A	37m W	439, LORDSHIP LANE, LONDON, N22 5DJ	WEX272807	Treating waste exemption	Not on a farm	Sorting and de-naturing of controlled drugs for disposal
A	37m W	439, LORDSHIP LANE, LONDON, N22 5DJ	WEX107613	Treating waste exemption	Not on a farm	Sorting and de-naturing of controlled drugs for disposal
1	97m NW	512, LORDSHIP LANE, LONDON, N22 5DD	WEX158092	Treating waste exemption	Not on a Farm	Sorting and de-naturing of controlled drugs for disposal
B	113m W	471 Lordship Lane LONDON N22 5DJ	EPR/UF0802W D/A001	Treating waste exemption	Non-Agricultural Waste Only	Sorting and de-naturing of controlled drugs for disposal
B	113m W	471 Lordship Lane LONDON N22 5DJ	EPR/QH0115D A/A001	Treating waste exemption	Non-Agricultural Waste Only	Sorting and de-naturing of controlled drugs for disposal
B	150m W	471, LORDSHIP LANE, LONDON, N22 5DJ	WEX296039	Treating waste exemption	Not on a Farm	Sorting and de-naturing of controlled drugs for disposal
B	150m W	471, LORDSHIP LANE, LONDON, N22 5DJ	WEX160859	Treating waste exemption	Not on a Farm	Sorting and de-naturing of controlled drugs for disposal
B	152m W	471 Lordship Lane LONDON N22 5DJ	EPR/LF0604VH /A001	Treating waste exemption	Non-Agricultural Waste Only	Sorting and de-naturing of controlled drugs for disposal
C	425m S	38 Crawley Road LONDON N22 6AG	EPR/HF0137Q P/A001	Storing waste exemption	Non-Agricultural Waste Only	Storage of waste in secure containers
C	425m S	38 Crawley Road LONDON N22 6AG	EPR/HF0137Q P/A001	Storing waste exemption	Non-Agricultural Waste Only	Storage of waste in a secure place
C	425m S	38 Crawley Road LONDON N22 6AG	EPR/HF0137Q P/A001	Treating waste exemption	Non-Agricultural Waste Only	Sorting mixed waste
C	425m S	38 Crawley Road LONDON N22 6AG	EPR/HF0137Q P/A001	Treating waste exemption	Non-Agricultural Waste Only	Recovery of scrap metal

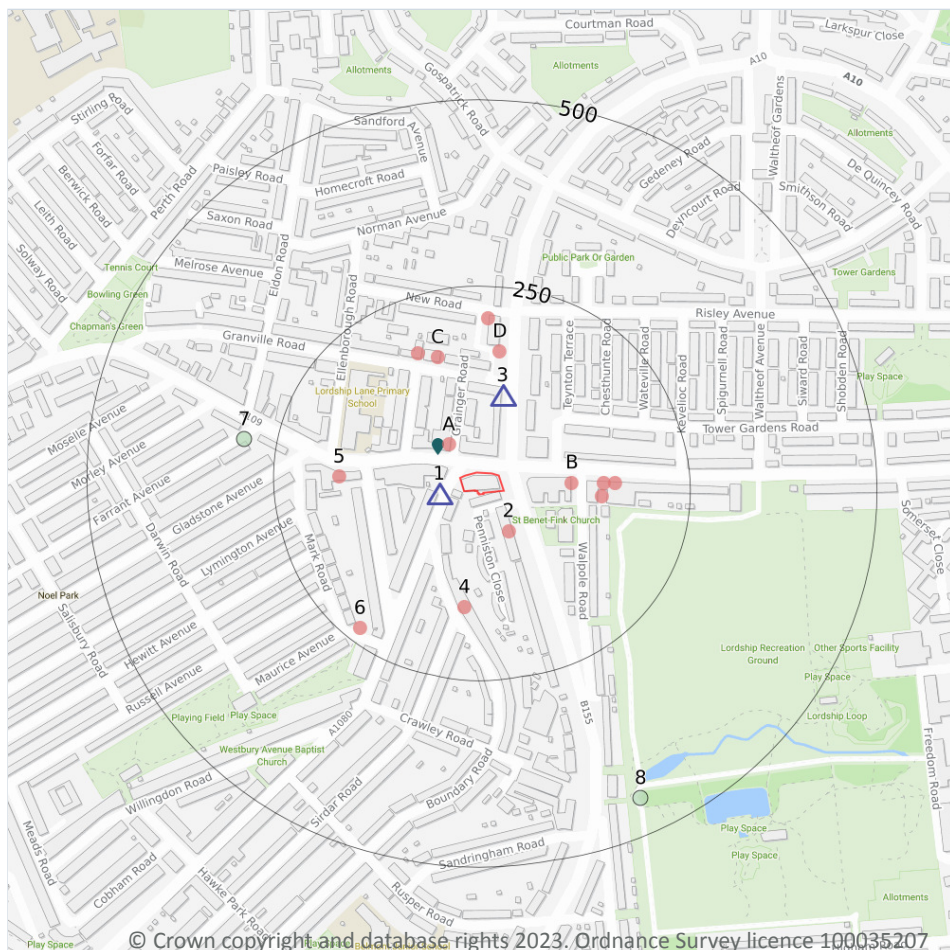


ID	Location	Site	Reference	Category	Sub-Category	Description
C	425m S	38 Crawley Road LONDON N22 6AG	EPR/HF0137Q P/A001	Using waste exemption	Non- Agricultural Waste Only	Use of waste in construction
C	425m S	38 Crawley Road LONDON N22 6AG	EPR/HF0137Q P/A001	Using waste exemption	Non- Agricultural Waste Only	Use of waste for a specified purpose

This data is sourced from the Environment Agency and Natural Resources Wales.



4 Current industrial land use



- Site Outline
- Search buffers in metres (m)
- Recent industrial land uses
- ▲ Current or recent petrol stations
- Licensed pollutant release (Part A(2)/B)
- Pollution Incidents (EA/NRW)

4.1 Recent industrial land uses

Records within 250m

13

Current potentially contaminative industrial sites.

Features are displayed on the Current industrial land use map on **page 27**

ID	Location	Company	Address	Activity	Category
A	47m NW	Dali Tyres	492, Lordship Lane, Wood Green, London, Greater London, N22 5DE	Vehicle Parts and Accessories	Motoring
2	55m SE	Cavallino Cars	213, Downhills Way, Tottenham, London, Greater London, N17 6AH	Vehicle Repair, Testing and Servicing	Repair and Servicing
B	92m E	Lordship Lane Tyres	405, Lordship Lane, Tottenham, London, Greater London, N17 6AG	Vehicle Parts and Accessories	Motoring



ID	Location	Company	Address	Activity	Category
B	132m E	Electricity Sub Station	Greater London, N17	Electrical Features	Infrastructure and Facilities
B	134m E	Tyres 4 Us	Vehicle Repair Workshop 397, Lordship Lane, Tottenham, London, Greater London, N17 6AE	Vehicle Parts and Accessories	Motoring
B	150m E	Gemec Ltd	393, Lordship Lane, Tottenham, London, Greater London, N17 6AE	Electrical and Electronic Engineers	Engineering Services
4	153m S	Micmac Margins	234, Boundary Road, Tottenham, London, Greater London, N22 6AJ	Published Goods	Industrial Products
5	162m W	Bushey Car Spares	475, Lordship Lane, Wood Green, London, Greater London, N22 5DJ	Vehicle Parts and Accessories	Motoring
C	163m N	Made Easy Cars Ltd	163, Granville Road, Wood Green, London, Greater London, N22 5LS	Secondhand Vehicles	Motoring
D	164m N	Gas Governor	Greater London, N17	Gas Features	Infrastructure and Facilities
C	175m NW	Technimerc	149, Granville Road, Wood Green, London, Greater London, N22 5LS	Vehicle Repair, Testing and Servicing	Repair and Servicing
D	208m N	Electricity Sub Station	Greater London, N17	Electrical Features	Infrastructure and Facilities
6	231m SW	Electricity Sub Station	Greater London, N22	Electrical Features	Infrastructure and Facilities

This data is sourced from Ordnance Survey.

4.2 Current or recent petrol stations

Records within 500m

2

Open, closed, under development and obsolete petrol stations.

Features are displayed on the Current industrial land use map on **page 27**

ID	Location	Company	Address	LPG	Status
1	33m W	OBSOLETE	230-238, Westbury Avenue, Tottenham, London, Inner London, N22 6RZ	Not Applicable	Obsolete
3	106m N	OBSOLETE	1, The Roundway, Tottenham, London, Inner London, N17 7HA	Not Applicable	Obsolete

This data is sourced from Experian.



4.3 Electricity cables

Records within 500m**0**

High voltage underground electricity transmission cables.

This data is sourced from National Grid.

4.4 Gas pipelines

Records within 500m**0**

High pressure underground gas transmission pipelines.

This data is sourced from National Grid.

4.5 Sites determined as Contaminated Land

Records within 500m**0**

Contaminated Land Register of sites designated under Part 2a of the Environmental Protection Act 1990.

This data is sourced from Local Authority records.

4.6 Control of Major Accident Hazards (COMAH)

Records within 500m**0**

Control of Major Accident Hazards (COMAH) sites. This data includes upper and lower tier sites, and includes a historical archive of COMAH sites and Notification of Installations Handling Hazardous Substances (NIHHS) records.

This data is sourced from the Health and Safety Executive.

4.7 Regulated explosive sites

Records within 500m**0**

Sites registered and licensed by the Health and Safety Executive under the Manufacture and Storage of Explosives Regulations 2005 (MSER). The last update to this data was in April 2011.

This data is sourced from the Health and Safety Executive.

4.8 Hazardous substance storage/usage

Records within 500m**0**

Consents granted for a site to hold certain quantities of hazardous substances at or above defined limits in accordance with the Planning (Hazardous Substances) Regulations 2015.

This data is sourced from Local Authority records.

4.9 Historical licensed industrial activities (IPC)

Records within 500m**0**

Integrated Pollution Control (IPC) records of substance releases to air, land and water. This data represents a historical archive as the IPC regime has been superseded.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.10 Licensed industrial activities (Part A(1))

Records within 500m**0**

Records of Part A(1) installations regulated under the Environmental Permitting (England and Wales) Regulations 2016 for the release of substances to the environment.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.11 Licensed pollutant release (Part A(2)/B)

Records within 500m**1**

Records of Part A(2) and Part B installations regulated under the Environmental Permitting (England and Wales) Regulations 2016 for the release of substances to the environment.

Features are displayed on the Current industrial land use map on **page 27**

ID	Location	Address	Details	
A	52m NW	Step-Ahead Dry Cleaners, 498 Lordship Lane, N22 5DE	Process: Dry Cleaning Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified

This data is sourced from Local Authority records.



4.12 Radioactive Substance Authorisations

Records within 500m**0**

Records of the storage, use, accumulation and disposal of radioactive substances regulated under the Radioactive Substances Act 1993.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.13 Licensed Discharges to controlled waters

Records within 500m**0**

Discharges of treated or untreated effluent to controlled waters under the Water Resources Act 1991.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.14 Pollutant release to surface waters (Red List)

Records within 500m**0**

Discharges of specified substances under the Environmental Protection (Prescribed Processes and Substances) Regulations 1991.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.15 Pollutant release to public sewer

Records within 500m**0**

Discharges of Special Category Effluents to the public sewer.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.16 List 1 Dangerous Substances

Records within 500m**0**

Discharges of substances identified on List I of European Directive E 2006/11/EC, and regulated under the Environmental Damage (Prevention and Remediation) Regulations 2015.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.17 List 2 Dangerous Substances

Records within 500m

0

Discharges of substances identified on List II of European Directive E 2006/11/EC, and regulated under the Environmental Damage (Prevention and Remediation) Regulations 2015.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.18 Pollution Incidents (EA/NRW)

Records within 500m

2

Records of substantiated pollution incidents. Since 2006 this data has only included category 1 (major) and 2 (significant) pollution incidents.

Features are displayed on the Current industrial land use map on **page 27**

ID	Location	Details	
7	293m W	Incident Date: 05/01/2002 Incident Identification: 50621 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)
8	451m SE	Incident Date: 27/11/2006 Incident Identification: 452877 Pollutant: Specific Waste Materials Pollutant Description: Other Specific Waste Material	Water Impact: Category 2 (Significant) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)

This data is sourced from the Environment Agency and Natural Resources Wales.

4.19 Pollution inventory substances

Records within 500m

0

The pollution inventory (substances) includes reporting on annual emissions of certain regulated substances to air, controlled waters and land. A reporting threshold for each substance is also included. Where emissions fall below the reporting threshold, no value will be given. The data is given for the most recent complete year available.

This data is sourced from the Environment Agency and the Scottish Environment Protection Agency.

4.20 Pollution inventory waste transfers

Records within 500m**0**

The pollution inventory (waste transfers) includes reporting on annual transfers and recovery/disposal of controlled wastes from a site. A reporting threshold for each waste type is also included. Where releases fall below the reporting threshold, no value will be given. The data is given for the most recent complete year available.

This data is sourced from the Environment Agency and the Scottish Environment Protection Agency.

4.21 Pollution inventory radioactive waste

Records within 500m**0**

The pollution inventory (radioactive wastes) includes reporting on annual releases of radioactive substances from a site, including the means of release. Where releases fall below the reporting threshold, no value will be given. The data is given for the most recent complete year available.

This data is sourced from the Environment Agency and the Scottish Environment Protection Agency.



5 Hydrogeology - Superficial aquifer

5.1 Superficial aquifer

Records within 500m

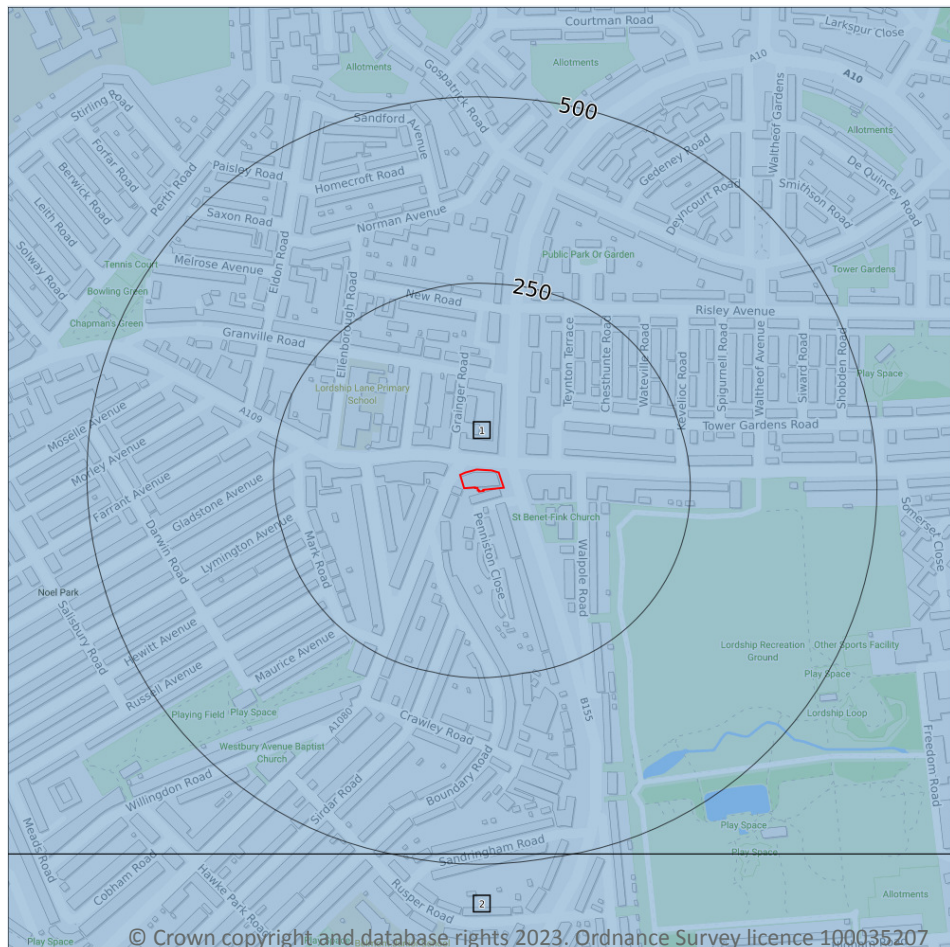
0

Aquifer status of groundwater held within superficial geology.

This data is sourced from the British Geological Survey, the Environment Agency and Natural Resources Wales.



Bedrock aquifer



- Site Outline**
- Search buffers in metres (m)**
- Principal
 - Secondary A
 - Secondary B
 - Secondary Undifferentiated
 - Unproductive

5.2 Bedrock aquifer

Records within 500m

2

Aquifer status of groundwater held within bedrock geology.

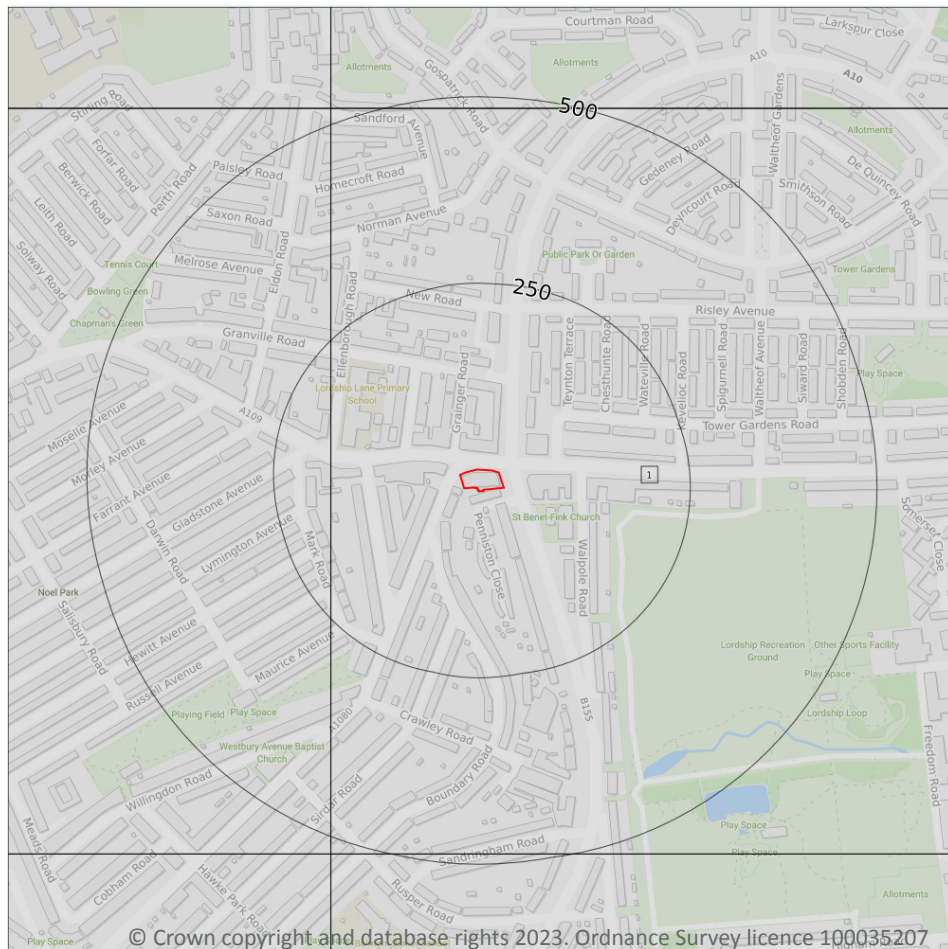
Features are displayed on the Bedrock aquifer map on **page 35**

ID	Location	Designation	Description
1	On site	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
2	486m S	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow

This data is sourced from the British Geological Survey, the Environment Agency and Natural Resources Wales.



Groundwater vulnerability



— Site Outline

Search buffers in metres (m)

Superficial vulnerability

- Principal superficial aquifer, high vulnerability
- Secondary superficial aquifer, high vulnerability
- Principal superficial aquifer, medium vulnerability
- Secondary superficial aquifer, medium vulnerability
- Principal superficial aquifer, low vulnerability
- Secondary superficial aquifer, low vulnerability

Bedrock vulnerability

- Principal bedrock aquifer, high vulnerability
- Secondary bedrock aquifer, high vulnerability
- Principal bedrock aquifer, medium vulnerability
- Secondary bedrock aquifer, medium vulnerability
- Principal bedrock aquifer, low vulnerability
- Secondary bedrock aquifer, low vulnerability

Other information

- Unproductive aquifer
- Soluble rock risk
- Local information

5.3 Groundwater vulnerability

Records within 50m

1

An assessment of the vulnerability of groundwater to a pollutant discharged at ground level based on the hydrological, geological, hydrogeological and soil properties within a one kilometre square grid. Groundwater vulnerability is described as High, Medium or Low as follows:

- High - Areas able to easily transmit pollution to groundwater. They are likely to be characterised by high leaching soils and the absence of low permeability superficial deposits.
- Medium - Intermediate between high and low vulnerability.
- Low - Areas that provide the greatest protection from pollution. They are likely to be characterised by low leaching soils and/or the presence of superficial deposits characterised by a low permeability.

Features are displayed on the Groundwater vulnerability map on **page 36**



ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
1	On site	Summary Classification: Unproductive aquifer (may have productive aquifer beneath) Combined classification: Unproductive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low Infiltration value: 40-70% Dilution value: 300-550mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Mixed

This data is sourced from the British Geological Survey, the Environment Agency and Natural Resources Wales.

5.4 Groundwater vulnerability- soluble rock risk

Records on site

0

This dataset identifies areas where solution features that enable rapid movement of a pollutant may be present within a 1km grid square.

This data is sourced from the British Geological Survey and the Environment Agency.

5.5 Groundwater vulnerability- local information

Records on site

0

This dataset identifies areas where additional local information affecting vulnerability is held by the Environment Agency. Further information can be obtained by contacting the Environment Agency local Area groundwater team through the Environment Agency National Customer Call Centre on 03798 506 506 or by email on enquiries@environment-agency.gov.uk.

This data is sourced from the British Geological Survey and the Environment Agency.



Abstractions and Source Protection Zones



- Site Outline
- Search buffers in metres (m)
- Source Protection Zone 1
Inner catchment
- Source Protection Zone 2
Outer catchment
- Source Protection Zone 3
Total catchment
- Source Protection Zone 4
Zone of Special Interest
- Source Protection Zone 1c
Inner catchment - confined aquifer
- Source Protection Zone 2c
Outer catchment - confined aquifer
- Source Protection Zone 3c
Total catchment - confined aquifer
- Drinking water abstraction licences
Polygon features
- Drinking water abstraction licences
Linear features
- Groundwater abstraction licence (point)
- Groundwater abstraction licence (area)
- Groundwater abstraction licence (linear)
- Surface Water Abstractions (point)
- Surface Water Abstractions (area)
- Surface Water Abstractions (linear)

5.6 Groundwater abstractions

Records within 2000m

25

Licensed groundwater abstractions for sites extracting more than 20 cubic metres of water a day and includes active and historical records. The data may be for a single abstraction point, between two points (line data) or a larger area.

Features are displayed on the Abstractions and Source Protection Zones map on **page 38**

ID	Location	Details	
-	1691m W	Status: Active Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: STATION ROAD - NLARS POINT 13 Data Type: Point Name: Thames Water Utilities Ltd Easting: 530484 Northing: 190412	Annual Volume (m ³): 65,700,000 Max Daily Volume (m ³): 275,000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 104 Version Start Date: 23/07/2013 Version End Date: -
-	1696m W	Status: Historical Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: STATION ROAD - NLARS POINT 13 Data Type: Point Name: THAMES WATER UTILITIES LTD Easting: 530480 Northing: 190410	Annual Volume (m ³): - Max Daily Volume (m ³): 275000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 103 Version Start Date: 16/10/2007 Version End Date: -
-	1752m SW	Status: Historical Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: HORNSEY SLUICE, NLARS POINT 15 Data Type: Point Name: THAMES WATER UTILITIES LTD Easting: 530700 Northing: 189550	Annual Volume (m ³): - Max Daily Volume (m ³): 275000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 103 Version Start Date: 16/10/2007 Version End Date: -
-	1752m SW	Status: Historical Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: HORNSEY FILTER BEDS - NLARS POINT 14 Data Type: Point Name: THAMES WATER UTILITIES LTD Easting: 530590 Northing: 189750	Annual Volume (m ³): - Max Daily Volume (m ³): 275000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 103 Version Start Date: 16/10/2007 Version End Date: -
-	1752m SW	Status: Active Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: HORNSEY FILTER BEDS - NLARS POINT 14 Data Type: Point Name: Thames Water Utilities Ltd Easting: 530589 Northing: 189752	Annual Volume (m ³): 65,700,000 Max Daily Volume (m ³): 275,000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 104 Version Start Date: 23/07/2013 Version End Date: -



ID	Location	Details	
-	1753m SE	Status: Historical Licence No: 29/38/09/0194 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: THAMES GROUNDWATER Point: BERNIE GRANT ARTS CENTRE-BOREHOLE Data Type: Point Name: BERNIE GRANT CENTRE PARTNERSHIP Easting: 533580 Northing: 189370	Annual Volume (m ³): 25000 Max Daily Volume (m ³): 156 Original Application No: - Original Start Date: 13/11/2006 Expiry Date: 31/03/2013 Issue No: 1 Version Start Date: 13/11/2006 Version End Date: -
-	1753m SE	Status: Historical Licence No: 29/38/09/0194 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: THAMES GROUNDWATER Point: BERNIE GRANT ARTS CENTRE-BOREHOLE Data Type: Point Name: BERNIE GRANT CENTRE PARTNERSHIP Easting: 533580 Northing: 189370	Annual Volume (m ³): 25000 Max Daily Volume (m ³): 156 Original Application No: - Original Start Date: 13/11/2006 Expiry Date: 31/03/2013 Issue No: 1 Version Start Date: 13/11/2006 Version End Date: -
-	1756m SE	Status: Active Licence No: TH/038/0009/052 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: THAMES WATER BOREHOLE AT BERNIE GRANT ARTS CENTRE, TOTTENHAM Data Type: Point Name: Thames Water Utilities Ltd Easting: 533585 Northing: 189371	Annual Volume (m ³): 1,903,200 Max Daily Volume (m ³): 5,200 Original Application No: NPS/WR/024901 Original Start Date: 27/03/2017 Expiry Date: 31/03/2025 Issue No: 1 Version Start Date: 27/03/2017 Version End Date: -
-	1758m SW	Status: Active Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: HORNSEY SLUICE, NLARS POINT 15 Data Type: Point Name: Thames Water Utilities Ltd Easting: 530690 Northing: 189555	Annual Volume (m ³): 65,700,000 Max Daily Volume (m ³): 275,000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 104 Version Start Date: 23/07/2013 Version End Date: -
-	1772m SW	Status: Active Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: HORNSEY GATEHOUSE - NLARS POINT 16 Data Type: Point Name: Thames Water Utilities Ltd Easting: 530784 Northing: 189397	Annual Volume (m ³): 65,700,000 Max Daily Volume (m ³): 275,000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 104 Version Start Date: 23/07/2013 Version End Date: -



ID	Location	Details	
-	1779m SW	Status: Historical Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: HORNSEY GATEHOUSE - NLARS POINT 16 Data Type: Point Name: THAMES WATER UTILITIES LTD Easting: 530780 Northing: 189390	Annual Volume (m ³): - Max Daily Volume (m ³): 275000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 103 Version Start Date: 16/10/2007 Version End Date: -
-	1787m N	Status: Historical Licence No: 29/38/09/0006 Details: General use relating to Secondary Category (Medium Loss) Direct Source: THAMES GROUNDWATER Point: CHEQUERS WAY (POINT A) Data Type: Point Name: ARLA FOODS PLC Easting: 532100 Northing: 192300	Annual Volume (m ³): 951660 Max Daily Volume (m ³): 3364.04 Original Application No: - Original Start Date: 20/02/1966 Expiry Date: - Issue No: 101 Version Start Date: 29/08/2000 Version End Date: -
-	1787m N	Status: Historical Licence No: 29/38/09/0006 Details: General use relating to Secondary Category (Medium Loss) Direct Source: THAMES GROUNDWATER Point: CHEQUERS WAY (POINT B) Data Type: Point Name: ARLA FOODS PLC Easting: 532100 Northing: 192300	Annual Volume (m ³): 951660 Max Daily Volume (m ³): 3364.04 Original Application No: - Original Start Date: 20/02/1966 Expiry Date: - Issue No: 101 Version Start Date: 29/08/2000 Version End Date: -
-	1787m N	Status: Historical Licence No: 29/38/09/0006 Details: Non-Evaporative Cooling Direct Source: THAMES GROUNDWATER Point: CHEQUERS WAY (POINT B) Data Type: Point Name: ARLA FOODS PLC Easting: 532100 Northing: 192300	Annual Volume (m ³): 951660 Max Daily Volume (m ³): 3364.04 Original Application No: - Original Start Date: 20/02/1966 Expiry Date: - Issue No: 101 Version Start Date: 29/08/2000 Version End Date: -
-	1787m N	Status: Historical Licence No: 29/38/09/0006 Details: Non-Evaporative Cooling Direct Source: THAMES GROUNDWATER Point: CHEQUERS WAY (POINT A) Data Type: Point Name: ARLA FOODS PLC Easting: 532100 Northing: 192300	Annual Volume (m ³): 951660 Max Daily Volume (m ³): 3364.04 Original Application No: - Original Start Date: 20/02/1966 Expiry Date: - Issue No: 101 Version Start Date: 29/08/2000 Version End Date: -



ID	Location	Details	
-	1787m N	Status: Active Licence No: 29/38/09/0006 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: THAMES GROUNDWATER Point: CHEQUERS WAY, PALMERS GREEN- BOREHOLE A Data Type: Point Name: ARLA FOODS LIMITED Easting: 532100 Northing: 192300	Annual Volume (m ³): 951,660 Max Daily Volume (m ³): 3,364.04 Original Application No: W / 30 Original Start Date: 20/02/1966 Expiry Date: - Issue No: 102 Version Start Date: 01/04/2011 Version End Date: -
-	1787m N	Status: Active Licence No: 29/38/09/0006 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: THAMES GROUNDWATER Point: CHEQUERS WAY- BOREHOLE B Data Type: Point Name: ARLA FOODS LIMITED Easting: 532100 Northing: 192300	Annual Volume (m ³): 951,660 Max Daily Volume (m ³): 3,364.04 Original Application No: W / 30 Original Start Date: 20/02/1966 Expiry Date: - Issue No: 102 Version Start Date: 01/04/2011 Version End Date: -
-	1787m N	Status: Active Licence No: 29/38/09/0006 Details: Non-Evaporative Cooling Direct Source: THAMES GROUNDWATER Point: CHEQUERS WAY- BOREHOLE B Data Type: Point Name: ARLA FOODS LIMITED Easting: 532100 Northing: 192300	Annual Volume (m ³): 951,660 Max Daily Volume (m ³): 3,364.04 Original Application No: W / 30 Original Start Date: 20/02/1966 Expiry Date: - Issue No: 102 Version Start Date: 01/04/2011 Version End Date: -
-	1787m N	Status: Active Licence No: 29/38/09/0006 Details: Non-Evaporative Cooling Direct Source: THAMES GROUNDWATER Point: CHEQUERS WAY, PALMERS GREEN- BOREHOLE A Data Type: Point Name: ARLA FOODS LIMITED Easting: 532100 Northing: 192300	Annual Volume (m ³): 951,660 Max Daily Volume (m ³): 3,364.04 Original Application No: W / 30 Original Start Date: 20/02/1966 Expiry Date: - Issue No: 102 Version Start Date: 01/04/2011 Version End Date: -
-	1857m NW	Status: Historical Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: MYDDLETON ROAD - NLARS POINT 12 Data Type: Point Name: THAMES WATER UTILITIES LTD Easting: 530560 Northing: 191430	Annual Volume (m ³): - Max Daily Volume (m ³): 275000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 103 Version Start Date: 16/10/2007 Version End Date: -



ID	Location	Details	
-	1866m NW	Status: Active Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: MYDDLETON ROAD - NLARS POINT 12 Data Type: Point Name: Thames Water Utilities Ltd Easting: 530560 Northing: 191447	Annual Volume (m ³): 65,700,000 Max Daily Volume (m ³): 275,000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 104 Version Start Date: 23/07/2013 Version End Date: -
-	1894m NE	Status: Historical Licence No: 29/38/09/0072 Details: General Cooling (Existing Licences Only) (High Loss) Direct Source: THAMES GROUNDWATER Point: 881 HIGH ROAD, TOTTENHAM Data Type: Point Name: CANNON RUBBER LTD Easting: 533700 Northing: 191700	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 20/04/1966 Expiry Date: - Issue No: 100 Version Start Date: 30/12/1977 Version End Date: -
-	1916m NE	Status: Historical Licence No: 29/38/09/0072 Details: General Cooling (Existing Licences Only) (High Loss) Direct Source: THAMES GROUNDWATER Point: 881 HIGH ROAD, TOTTENHAM- BOREHOLE Data Type: Point Name: CANNON AUTOMOTIVE LTD Easting: 533720 Northing: 191710	Annual Volume (m ³): 9092 Max Daily Volume (m ³): 219 Original Application No: - Original Start Date: 20/04/1966 Expiry Date: - Issue No: 102 Version Start Date: 31/05/2005 Version End Date: -
-	1991m NW	Status: Historical Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: WHITTINGTON ROAD - NLARS POINT 11 Data Type: Point Name: THAMES WATER UTILITIES LTD Easting: 530600 Northing: 191730	Annual Volume (m ³): - Max Daily Volume (m ³): 275000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 103 Version Start Date: 16/10/2007 Version End Date: -
-	1999m NW	Status: Active Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: WHITTINGTON ROAD - NLARS POINT 11 Data Type: Point Name: Thames Water Utilities Ltd Easting: 530594 Northing: 191734	Annual Volume (m ³): 65,700,000 Max Daily Volume (m ³): 275,000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 104 Version Start Date: 23/07/2013 Version End Date: -



This data is sourced from the Environment Agency and Natural Resources Wales.

5.7 Surface water abstractions

Records within 2000m

0

Licensed surface water abstractions for sites extracting more than 20 cubic metres of water a day and includes active and historical records. The data may be for a single abstraction point, a stretch of watercourse or a larger area.

This data is sourced from the Environment Agency and Natural Resources Wales.

5.8 Potable abstractions

Records within 2000m

15

Licensed potable water abstractions for sites extracting more than 20 cubic metres of water a day and includes active and historical records. The data may be for a single abstraction point, a stretch of watercourse or a larger area.

Features are displayed on the Abstractions and Source Protection Zones map on **page 38**

ID	Location	Details	
-	1691m W	Status: Active Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: STATION ROAD - NLARS POINT 13 Data Type: Point Name: Thames Water Utilities Ltd Easting: 530484 Northing: 190412	Annual Volume (m ³): 65,700,000 Max Daily Volume (m ³): 275,000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 104 Version Start Date: 23/07/2013 Version End Date: -
-	1696m W	Status: Historical Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: STATION ROAD - NLARS POINT 13 Data Type: Point Name: THAMES WATER UTILITIES LTD Easting: 530480 Northing: 190410	Annual Volume (m ³): - Max Daily Volume (m ³): 275000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 103 Version Start Date: 16/10/2007 Version End Date: -



ID	Location	Details	
-	1752m SW	Status: Historical Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: HORNSEY SLUICE, NLARS POINT 15 Data Type: Point Name: THAMES WATER UTILITIES LTD Easting: 530700 Northing: 189550	Annual Volume (m ³): - Max Daily Volume (m ³): 275000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 103 Version Start Date: 16/10/2007 Version End Date: -
-	1752m SW	Status: Historical Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: HORNSEY FILTER BEDS - NLARS POINT 14 Data Type: Point Name: THAMES WATER UTILITIES LTD Easting: 530590 Northing: 189750	Annual Volume (m ³): - Max Daily Volume (m ³): 275000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 103 Version Start Date: 16/10/2007 Version End Date: -
-	1752m SW	Status: Active Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: HORNSEY FILTER BEDS - NLARS POINT 14 Data Type: Point Name: Thames Water Utilities Ltd Easting: 530589 Northing: 189752	Annual Volume (m ³): 65,700,000 Max Daily Volume (m ³): 275,000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 104 Version Start Date: 23/07/2013 Version End Date: -
-	1753m SE	Status: Historical Licence No: 29/38/09/0194 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: THAMES GROUNDWATER Point: BERNIE GRANT ARTS CENTRE-BOREHOLE Data Type: Point Name: BERNIE GRANT CENTRE PARTNERSHIP Easting: 533580 Northing: 189370	Annual Volume (m ³): 25000 Max Daily Volume (m ³): 156 Original Application No: - Original Start Date: 13/11/2006 Expiry Date: 31/03/2013 Issue No: 1 Version Start Date: 13/11/2006 Version End Date: -
-	1753m SE	Status: Historical Licence No: 29/38/09/0194 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: THAMES GROUNDWATER Point: BERNIE GRANT ARTS CENTRE-BOREHOLE Data Type: Point Name: BERNIE GRANT CENTRE PARTNERSHIP Easting: 533580 Northing: 189370	Annual Volume (m ³): 25000 Max Daily Volume (m ³): 156 Original Application No: - Original Start Date: 13/11/2006 Expiry Date: 31/03/2013 Issue No: 1 Version Start Date: 13/11/2006 Version End Date: -



ID	Location	Details	
-	1756m SE	Status: Active Licence No: TH/038/0009/052 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: THAMES WATER BOREHOLE AT BERNIE GRANT ARTS CENTRE, TOTTENHAM Data Type: Point Name: Thames Water Utilities Ltd Easting: 533585 Northing: 189371	Annual Volume (m ³): 1,903,200 Max Daily Volume (m ³): 5,200 Original Application No: NPS/WR/024901 Original Start Date: 27/03/2017 Expiry Date: 31/03/2025 Issue No: 1 Version Start Date: 27/03/2017 Version End Date: -
-	1758m SW	Status: Active Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: HORNSEY SLUICE, NLARS POINT 15 Data Type: Point Name: Thames Water Utilities Ltd Easting: 530690 Northing: 189555	Annual Volume (m ³): 65,700,000 Max Daily Volume (m ³): 275,000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 104 Version Start Date: 23/07/2013 Version End Date: -
-	1772m SW	Status: Active Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: HORNSEY GATEHOUSE - NLARS POINT 16 Data Type: Point Name: Thames Water Utilities Ltd Easting: 530784 Northing: 189397	Annual Volume (m ³): 65,700,000 Max Daily Volume (m ³): 275,000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 104 Version Start Date: 23/07/2013 Version End Date: -
-	1779m SW	Status: Historical Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: HORNSEY GATEHOUSE - NLARS POINT 16 Data Type: Point Name: THAMES WATER UTILITIES LTD Easting: 530780 Northing: 189390	Annual Volume (m ³): - Max Daily Volume (m ³): 275000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 103 Version Start Date: 16/10/2007 Version End Date: -
-	1857m NW	Status: Historical Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: MYDDLETON ROAD - NLARS POINT 12 Data Type: Point Name: THAMES WATER UTILITIES LTD Easting: 530560 Northing: 191430	Annual Volume (m ³): - Max Daily Volume (m ³): 275000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 103 Version Start Date: 16/10/2007 Version End Date: -



ID	Location	Details	
-	1866m NW	Status: Active Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: MYDDLETON ROAD - NLARS POINT 12 Data Type: Point Name: Thames Water Utilities Ltd Easting: 530560 Northing: 191447	Annual Volume (m ³): 65,700,000 Max Daily Volume (m ³): 275,000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 104 Version Start Date: 23/07/2013 Version End Date: -
-	1991m NW	Status: Historical Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: WHITTINGTON ROAD - NLARS POINT 11 Data Type: Point Name: THAMES WATER UTILITIES LTD Easting: 530600 Northing: 191730	Annual Volume (m ³): - Max Daily Volume (m ³): 275000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 103 Version Start Date: 16/10/2007 Version End Date: -
-	1999m NW	Status: Active Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: WHITTINGTON ROAD - NLARS POINT 11 Data Type: Point Name: Thames Water Utilities Ltd Easting: 530594 Northing: 191734	Annual Volume (m ³): 65,700,000 Max Daily Volume (m ³): 275,000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 104 Version Start Date: 23/07/2013 Version End Date: -

This data is sourced from the Environment Agency and Natural Resources Wales.

5.9 Source Protection Zones

Records within 500m

0

Source Protection Zones define the sensitivity of an area around a potable abstraction site to contamination.

This data is sourced from the Environment Agency and Natural Resources Wales.

5.10 Source Protection Zones (confined aquifer)

Records within 500m

0

Source Protection Zones in the confined aquifer define the sensitivity around a deep groundwater abstraction to contamination. A confined aquifer would normally be protected from contamination by overlying geology and is only considered a sensitive resource if deep excavation/drilling is taking place.

This data is sourced from the Environment Agency and Natural Resources Wales.



6 Hydrology



- Site Outline
- Search buffers in metres (m)
- Water Network (OS MasterMap)
- Surface water features (wider than 5m)
- Surface water features (narrower than 5m)
- ⋯ WFD River, canal and surface water transfer water bodies
- WFD Lake water bodies
- WFD Transitional and coastal water bodies
- WFD Surface water body catchments boundaries
- WFD Groundwater body boundaries

6.1 Water Network (OS MasterMap)

Records within 250m

1

Detailed water network of Great Britain showing the flow and precise central course of every river, stream, lake and canal.

Features are displayed on the Hydrology map on **page 48**

ID	Location	Type of water feature	Ground level	Permanence	Name
3	3m SW	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	The Moselle

This data is sourced from the Ordnance Survey.



6.2 Surface water features

Records within 250m

0

Covering rivers, streams and lakes (some overlap with OS MasterMap Water Network data in previous section) but additionally covers smaller features such as ponds. Rivers and streams narrower than 5m are represented as a single line. Lakes, ponds and rivers or streams wider than 5m are represented as polygons.

This data is sourced from the Ordnance Survey.

6.3 WFD Surface water body catchments

Records on site

1

The Water Framework Directive is an EU-led framework for the protection of inland surface waters, estuaries, coastal waters and groundwater through river basin-level management planning. In terms of surface water, these basins are broken down into smaller units known as management, operational and water body catchments.

Features are displayed on the Hydrology map on **page 48**

ID	Location	Type	Water body catchment	Water body ID	Operational catchment	Management catchment
1	On site	River	Moselle Brook	GB106038027920	Lee Lower Rivers and Lakes	London

This data is sourced from the Environment Agency and Natural Resources Wales.

6.4 WFD Surface water bodies

Records identified

1

Surface water bodies under the Directive may be rivers, lakes, estuary or coastal. To achieve the purpose of the Directive, environmental objectives have been set and are reported on for each water body. The progress towards delivery of the objectives is then reported on by the relevant competent authorities at the end of each six-year cycle. The river water body directly associated with the catchment listed in the previous section is detailed below, along with any lake, canal, coastal or artificial water body within 250m of the site. Click on the water body ID in the table to visit the EA Catchment Explorer to find out more about each water body listed.

Features are displayed on the Hydrology map on **page 48**

ID	Location	Type	Name	Water body ID	Overall rating	Chemical rating	Ecological rating	Year
2	3m SW	River	Moselle Brook	GB106038027920	Moderate	Fail	Moderate	2019

This data is sourced from the Environment Agency and Natural Resources Wales.



6.5 WFD Groundwater bodies

Records on site

0

Groundwater bodies are also covered by the Directive and the same regime of objectives and reporting detailed in the previous section is in place. Click on the water body ID in the table to visit the EA Catchment Explorer to find out more about each groundwater body listed.

This data is sourced from the Environment Agency and Natural Resources Wales.



7 River and coastal flooding

7.1 Risk of flooding from rivers and the sea

Records within 50m**0**

The chance of flooding from rivers and/or the sea in any given year, based on cells of 50m within the Risk of Flooding from Rivers and Sea (RoFRaS)/Flood Risk Assessment Wales (FRAW) models. Each cell is allocated one of four flood risk categories, taking into account flood defences and their condition. The risk categories for RoFRaS for rivers and the sea and FRAW for rivers are; Very low (less than 1 in 1000 chance in any given year), Low (less than 1 in 100 but greater than or equal to 1 in 1000 chance), Medium (less than 1 in 30 but greater than or equal to 1 in 100 chance) or High (greater than or equal to 1 in 30 chance). The risk categories for FRAW for the sea are; Very low (less than 1 in 1000 chance in any given year), Low (less than 1 in 200 but greater than or equal to 1 in 1000 chance), Medium (less than 1 in 30 but greater than or equal to 1 in 200 chance) or High (greater than or equal to 1 in 30 chance).

This data is sourced from the Environment Agency and Natural Resources Wales.

7.2 Historical Flood Events

Records within 250m**0**

Records of historic flooding from rivers, the sea, groundwater and surface water. Records began in 1946 when predecessor bodies started collecting detailed information about flooding incidents, although limited details may be included on flooding incidents prior to this date. Takes into account the presence of defences, structures, and other infrastructure where they existed at the time of flooding, and includes flood extents that may have been affected by overtopping, breaches or blockages.

This data is sourced from the Environment Agency and Natural Resources Wales.

7.3 Flood Defences

Records within 250m**0**

Records of flood defences owned, managed or inspected by the Environment Agency and Natural Resources Wales. Flood defences can be structures, buildings or parts of buildings. Typically these are earth banks, stone and concrete walls, or sheet-piling that is used to prevent or control the extent of flooding.

This data is sourced from the Environment Agency and Natural Resources Wales.



7.4 Areas Benefiting from Flood Defences

Records within 250m

0

Areas that would benefit from the presence of flood defences in a 1 in 100 (1%) chance of flooding each year from rivers or 1 in 200 (0.5%) chance of flooding each year from the sea.

This data is sourced from the Environment Agency and Natural Resources Wales.

7.5 Flood Storage Areas

Records within 250m

0

Areas that act as a balancing reservoir, storage basin or balancing pond to attenuate an incoming flood peak to a flow level that can be accepted by the downstream channel or to delay the timing of a flood peak so that its volume is discharged over a longer period.

This data is sourced from the Environment Agency and Natural Resources Wales.

River and coastal flooding - Flood Zones

7.6 Flood Zone 2

Records within 50m	0
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Areas of land at risk of flooding, when the presence of flood defences are ignored. Covering land between Flood Zone 3 (see next section) and the extent of the flooding from rivers or the sea with a 1 in 1000 (0.1%) chance of flooding each year.

This data is sourced from the Environment Agency and Natural Resources Wales.

7.7 Flood Zone 3

Records within 50m	0
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Areas of land at risk of flooding, when the presence of flood defences are ignored. Covering land with a 1 in 100 (1%) or greater chance of flooding each year from rivers or a 1 in 200 (0.5%) or greater chance of flooding each year from the sea.

This data is sourced from the Environment Agency and Natural Resources Wales.

8 Surface water flooding



— Site Outline

Search buffers in metres (m)

1 in 1000 return period

- Depth between 0.1m - 0.3m
- Depth between 0.3m - 1.0m
- Depth greater than 1.0m

1 in 250 return period

- Depth between 0.1m - 0.3m
- Depth between 0.3m - 1.0m
- Depth greater than 1.0m

1 in 100 return period

- Depth between 0.1m - 0.3m
- Depth between 0.3m - 1.0m
- Depth greater than 1.0m

1 in 30 return period

- Depth between 0.1m - 0.3m
- Depth between 0.3m - 1.0m
- Depth greater than 1.0m

8.1 Surface water flooding

Highest risk on site

1 in 30 year, 0.1m - 0.3m

Highest risk within 50m

1 in 30 year, 0.1m - 0.3m

Ambiental Risk Analytics surface water (pluvial) FloodMap identifies areas likely to flood as a result of extreme rainfall events, i.e. land naturally vulnerable to surface water ponding or flooding. This data set was produced by simulating 1 in 30 year, 1 in 100 year, 1 in 250 year and 1 in 1,000 year rainfall events. Modern urban drainage systems are typically built to cope with rainfall events between 1 in 20 and 1 in 30 years, though some older ones may flood in a 1 in 5 year rainfall event.

Features are displayed on the Surface water flooding map on **page 54**

The data shown on the map and in the table above shows the highest likelihood of flood events happening at the site. Lower likelihood events may have greater flood depths and hence a greater potential impact on a site.



The table below shows the maximum flood depths for a range of return periods for the site.

Return period	Maximum modelled depth
1 in 1000 year	Between 0.1m and 0.3m
1 in 250 year	Between 0.1m and 0.3m
1 in 100 year	Between 0.1m and 0.3m
1 in 30 year	Between 0.1m and 0.3m

This data is sourced from Ambiantal Risk Analytics.



9 Groundwater flooding



— Site Outline
Search buffers in metres (m)

- High
- Moderate - High
- Moderate
- Low
- Negligible

9.1 Groundwater flooding

Highest risk on site

Moderate

Highest risk within 50m

Moderate

Groundwater flooding is caused by unusually high groundwater levels. It occurs when the water table rises above the ground surface or within underground structures such as basements or cellars. Groundwater flooding tends to exhibit a longer duration than surface water flooding, possibly lasting for weeks or months, and as a result it can cause significant damage to property. This risk assessment is based on a 1 in 100 year return period and a 5m Digital Terrain Model (DTM).

Features are displayed on the Groundwater flooding map on **page 56**

This data is sourced from Ambiantal Risk Analytics.

10 Environmental designations



- Site Outline
- Search buffers in metres (m)
- + Local Nature Reserves (LNR)

10.1 Sites of Special Scientific Interest (SSSI)

Records within 2000m

0

Sites providing statutory protection for the best examples of UK flora, fauna, or geological or physiographical features. Originally notified under the National Parks and Access to the Countryside Act 1949, SSSIs were re-notified under the Wildlife and Countryside Act 1981. Improved provisions for the protection and management of SSSIs were introduced by the Countryside and Rights of Way Act 2000 (in England and Wales) and (in Scotland) by the Nature Conservation (Scotland) Act 2004 and the Wildlife and Natural Environment (Scotland) Act 2010.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.2 Conserved wetland sites (Ramsar sites)

Records within 2000m**0**

Ramsar sites are designated under the Convention on Wetlands of International Importance, agreed in Ramsar, Iran, in 1971. They cover all aspects of wetland conservation and wise use, recognizing wetlands as ecosystems that are extremely important for biodiversity conservation in general and for the well-being of human communities. These sites cover a broad definition of wetland; marsh, fen, peatland or water, whether natural or artificial, permanent or temporary, with water that is static or flowing, fresh, brackish or salt, and even some marine areas.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.3 Special Areas of Conservation (SAC)

Records within 2000m**0**

Areas which have been identified as best representing the range and variety within the European Union of habitats and (non-bird) species listed on Annexes I and II to the Directive. SACs are designated under the EC Habitats Directive.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.4 Special Protection Areas (SPA)

Records within 2000m**0**

Sites classified by the UK Government under the EC Birds Directive, SPAs are areas of the most important habitat for rare (listed on Annex I to the Directive) and migratory birds within the European Union.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.5 National Nature Reserves (NNR)

Records within 2000m**0**

Sites containing examples of some of the most important natural and semi-natural terrestrial and coastal ecosystems in Great Britain. They are managed to conserve their habitats, provide special opportunities for scientific study or to provide public recreation compatible with natural heritage interests.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.6 Local Nature Reserves (LNR)

Records within 2000m**1**

Sites managed for nature conservation, and to provide opportunities for research and education, or simply enjoying and having contact with nature. They are declared by local authorities under the National Parks and Access to the Countryside Act 1949 after consultation with the relevant statutory nature conservation agency.

Features are displayed on the Environmental designations map on **page 57**

ID	Location	Name	Data source
-	1842m W	Alexandra Palace & Park	Natural England

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.7 Designated Ancient Woodland

Records within 2000m**0**

Ancient woodlands are classified as areas which have been wooded continuously since at least 1600 AD. This includes semi-natural woodland and plantations on ancient woodland sites. 'Wooded continuously' does not mean there is or has previously been continuous tree cover across the whole site, and not all trees within the woodland have to be old.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.8 Biosphere Reserves

Records within 2000m**0**

Biosphere Reserves are internationally recognised by UNESCO as sites of excellence to balance conservation and socioeconomic development between nature and people. They are recognised under the Man and the Biosphere (MAB) Programme with the aim of promoting sustainable development founded on the work of the local community.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.9 Forest Parks

Records within 2000m**0**

These are areas managed by the Forestry Commission designated on the basis of recreational, conservation or scenic interest.

This data is sourced from the Forestry Commission.



10.10 Marine Conservation Zones

Records within 2000m**0**

A type of marine nature reserve in UK waters established under the Marine and Coastal Access Act (2009). They are designated with the aim to protect nationally important, rare or threatened habitats and species.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.11 Green Belt

Records within 2000m**0**

Areas designated to prevent urban sprawl by keeping land permanently open.

This data is sourced from the Ministry of Housing, Communities and Local Government.

10.12 Proposed Ramsar sites

Records within 2000m**0**

Ramsar sites are areas listed as a Wetland of International Importance under the Convention on Wetlands of International Importance especially as Waterfowl Habitat (the Ramsar Convention) 1971. The sites here supplied have a status of 'Proposed' having been identified for potential adoption under the framework.

This data is sourced from Natural England.

10.13 Possible Special Areas of Conservation (pSAC)

Records within 2000m**0**

Special Areas of Conservation are areas which have been identified as best representing the range and variety within the European Union of habitats and (non-bird) species listed on Annexes I and II to the Directive. SACs are designated under the EC Habitats Directive. Those sites supplied here are those with a status of 'Possible' having been identified for potential adoption under the framework.

This data is sourced from Natural England and Natural Resources Wales.

10.14 Potential Special Protection Areas (pSPA)

Records within 2000m**0**

Special Protection Areas (SPAs) are areas designated (or 'classified') under the European Union Wild Birds Directive for the protection of nationally and internationally important populations of wild birds. Those sites supplied here are those with a status of 'Potential' having been identified for potential adoption under the framework.

This data is sourced from Natural England.



10.15 Nitrate Sensitive Areas

Records within 2000m**0**

Areas where nitrate concentrations in drinking water sources exceeded or was at risk of exceeding the limit of 50 mg/l set by the 1980 EC Drinking Water Directive. Voluntary agricultural measures as a means of reducing the levels of nitrate were introduced by DEFRA as MAFF, with payments being made to farmers who complied. The scheme was started as a pilot in 1990 in ten areas, later implemented within 32 areas. The scheme was closed to further new entrants in 1998, although existing agreements continued for their full term. All Nitrate Sensitive Areas fell within the areas designated as Nitrate Vulnerable Zones (NVZs) in 1996 under the EC Nitrate Directive (91/676/EEC).

This data is sourced from Natural England.

10.16 Nitrate Vulnerable Zones

Records within 2000m**2**

Areas at risk from agricultural nitrate pollution designated under the EC Nitrate Directive (91/676/EEC). These are areas of land that drain into waters polluted by nitrates. Farmers operating within these areas have to follow mandatory rules to tackle nitrate loss from agriculture.

Location	Name	Type	NVZ ID	Status
16m NE	LEE NVZ	Surface Water	443	Existing
1867m E	LEE NVZ	Surface Water	443	Existing

This data is sourced from Natural England and Natural Resources Wales.

