

# Envirocheck<sup>®</sup> Report:

## Datasheet

### Order Details:

**Order Number:**

80605736\_1\_1

**Customer Reference:**

LBH4395

**National Grid Reference:**

527420, 206370

**Slice:**

A

**Site Area (Ha):**

0.01

**Search Buffer (m):**

1000

### Site Details:

Warren Wood Manor, Hornbeam Lane

Essendon

HATFIELD

Hertfordshire

AL9 6JF

### Client Details:

MR S Lefroy Brooks

LBH Wembley

Unit 12

Little Balmer

Buckingham Industrial Estate

Buckingham

MK18 1TF

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## Introduction

The Environment Act 1995 has made site sensitivity a key issue, as the legislation pays as much attention to the pathways by which contamination could spread, and to the vulnerable targets of contamination, as it does the potential sources of contamination. For this reason, Landmark's Site Sensitivity maps and Datasheet(s) place great emphasis on statutory data provided by the Environment Agency/Natural Resources Wales and the Scottish Environment Protection Agency; it also incorporates data from Natural England (and the Scottish and Welsh equivalents) and Local Authorities; and highlights hydrogeological features required by environmental and geotechnical consultants. It does not include any information concerning past uses of land. The datasheet is produced by querying the Landmark database to a distance defined by the client from a site boundary provided by the client.

In the attached datasheet the National Grid References (NGRs) are rounded to the nearest 10m in accordance with Landmark's agreements with a number of Data Suppliers.

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## Report Version v50.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
<b>Agency &amp; Hydrological</b>					
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 1			3	11
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls					
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 4		Yes		
Pollution Incidents to Controlled Waters	pg 4			2	
Prosecutions Relating to Authorised Processes					
Prosecutions Relating to Controlled Waters					
Registered Radioactive Substances					
River Quality					
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register					
Water Abstractions					
Water Industry Act Referrals					
Groundwater Vulnerability	pg 4	Yes	n/a	n/a	n/a
Bedrock Aquifer Designations	pg 4	Yes	n/a	n/a	n/a
Superficial Aquifer Designations			n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences	pg 5		Yes	n/a	n/a
Flooding from Rivers or Sea without Defences	pg 5		Yes	n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
Detailed River Network Lines	pg 5		Yes	Yes	n/a
Detailed River Network Offline Drainage					n/a

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
<b>Waste</b>					
BGS Recorded Landfill Sites					
Historical Landfill Sites					
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)					
Local Authority Recorded Landfill Sites					
Registered Landfill Sites					
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites					
<b>Hazardous Substances</b>					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					
<b>Geological</b>					
BGS 1:625,000 Solid Geology	pg 10	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 10	Yes	Yes	Yes	Yes
BGS Recorded Mineral Sites	pg 16				1
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
Brine Compensation Area			n/a	n/a	n/a
Coal Mining Affected Areas			n/a	n/a	n/a
Mining Instability			n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain				n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 16	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards				n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 16	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 16		Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 16	Yes		n/a	n/a
Radon Potential - Radon Affected Areas			n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
<b>Industrial Land Use</b>					
Contemporary Trade Directory Entries	pg 17			2	
Fuel Station Entries					
<b>Sensitive Land Use</b>					
Areas of Adopted Green Belt	pg 18	1			
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves					
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones	pg 18	1			
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	<p><b>Discharge Consents</b></p> <p>Operator: Mrs S Ingram  Property Type: Domestic Property (Single)  Location: Follyfoot Farm Woodfield Lane Essendon Hertfordshire AL9 6jj AL9 6jj  Authority: Environment Agency, Thames Region  Catchment Area: Colne  Reference: Canm.0175  Permit Version: 1  Effective Date: 22nd September 2000  Issued Date: 1st November 2000  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Onto Land/Into Watercourse  Environment:  Receiving Water: Land/Overflow Essendon Brook  <b>Status: Not Supplied</b>  Positional Accuracy: Located by supplier to within 10m</p>	A13SE (S)	342	2	527530 206040
2	<p><b>Discharge Consents</b></p> <p>Operator: Mr &amp; Mrs J. Ingram  Property Type: Recreational &amp; Cultural  Location: Mainways Stables, Woodfield Lane, Essendon, Hertfordshire  Authority: Environment Agency, Thames Region  Catchment Area: Not Given  Reference: CNTW.0387  Permit Version: 1  Effective Date: 19th March 1990  Issued Date: 19th March 1990  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Land/Soakaway  Environment:  Receiving Water: London Clay  <b>Status: Not Supplied</b>  Positional Accuracy: Located by supplier to within 100m</p>	A8NE (SE)	397	2	527580 206000
3	<p><b>Discharge Consents</b></p> <p>Operator: Warren Management Company  Property Type: Domestic Property (Multiple)  Location: Three Dwellings, Warrenwood Stables, Kentish Lane, Brookmans Park, Herts  Authority: Environment Agency, Thames Region  Catchment Area: Not Given  Reference: CATM.3112  Permit Version: 1  Effective Date: 30th December 1997  Issued Date: 30th December 1997  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Woodhill Brook  <b>Status: Not Supplied</b>  Positional Accuracy: Located by supplier to within 100m</p>	A12NE (W)	478	2	526950 206410
4	<p><b>Discharge Consents</b></p> <p>Operator: Mr &amp; Mrs G.L. Manning  Property Type: Domestic Property (Single)  Location: Courtyard Cottage Warrenwood Mews, Kentish Lane, Brookmans Park, Herts  Authority: Environment Agency, Thames Region  Catchment Area: Not Given  Reference: CANM.0001  Permit Version: 1  Effective Date: 3rd May 1999  Issued Date: 3rd May 1999  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Ditch Trib Of Essendon Brook  <b>Status: Not Supplied</b>  Positional Accuracy: Located by supplier to within 100m</p>	A12NE (W)	546	2	526890 206470

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
5	<p><b>Discharge Consents</b></p> <p>Operator: Mr Ron O'Reily  Property Type: Domestic Property (Single)  Location: Adj. To Cucumber Hall Farm, Cucumber Lane, Essendon, Hatfield  Authority: Environment Agency, Thames Region  Catchment Area: Not Given  Reference: CTCU.1684  Permit Version: 1  Effective Date: 9th April 1984  Issued Date: 9th April 1984  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge Into Land  Environment:  Receiving Water: Pebble Gravel Strata  <b>Status: Not Supplied</b>  Positional Accuracy: Located by supplier to within 100m</p>	A18SE (NE)	604	2	527740 206880
6	<p><b>Discharge Consents</b></p> <p>Operator: Camfield Estate Company Limited  Property Type: Domestic Property (Single)  Location: The Home Farm Camfield Estate Essendon Hertfordshire AI9 6je  Authority: Environment Agency, Thames Region  Catchment Area: Lee-Source / Mimram  Reference: Canm.1160  Permit Version: 1  Effective Date: 13th October 2006  Issued Date: 3rd January 2007  Revocation Date: 1st December 2006  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge Into Land  Environment:  Receiving Water: To Groundwater Via Soakaway  <b>Status: Not Supplied</b>  Positional Accuracy: Located by supplier to within 100m</p>	A17SE (NW)	682	2	526900 206800
7	<p><b>Discharge Consents</b></p> <p>Operator: Camfield Estate Company Limited  Property Type: Domestic Property (Single)  Location: The Home Farm Camfield Estate Essendon Hertfordshire AI9 6je  Authority: Environment Agency, Thames Region  Catchment Area: Lee-Source / Mimram  Reference: Canm.1160  Permit Version: 2  Effective Date: 2nd December 2006  Issued Date: 2nd December 2006  Revocation Date: 1st December 2018  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge Into Land  Environment:  Receiving Water: To Groundwater Via Soakaway  <b>Status: Not Supplied</b>  Positional Accuracy: Located by supplier to within 10m</p>	A17SE (NW)	749	2	526897 206895
8	<p><b>Discharge Consents</b></p> <p>Operator: Woodhill House (Estate) Management Company  Property Type: Domestic Property (Multiple)  Location: Woodhill House Kentish Lane Essendon Hatfield Hertfordshire AI9 6jy  Authority: Environment Agency, Thames Region  Catchment Area: Not Given  Reference: CATM.2918  Permit Version: 1  Effective Date: 2nd June 1997  Issued Date: 2nd June 1997  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge Freshwater Stream/River  Environment:  Receiving Water: Essendon Brook  <b>Status: Not Supplied</b>  Positional Accuracy: Manually corrected supplier location</p>	A12SW (W)	750	2	526700 206175

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
9	<p><b>Discharge Consents</b></p> <p>Operator: Mrs. A. Opher  Property Type: Domestic Property (Single)  Location: Primrose Cottage, Kentish Lane, Essendon, Hertfordshire  Authority: Environment Agency, Thames Region  Catchment Area: Not Given  Reference: CTWC.2827  Permit Version: 1  Effective Date: 29th September 1988  Issued Date: 29th September 1988  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Irrigation Area  Environment:  Receiving Water: Pebble Gravel  <b>Status: Not Supplied</b>  Positional Accuracy: Located by supplier to within 100m</p>	A12SW (SW)	795	2	526700 206040
10	<p><b>Discharge Consents</b></p> <p>Operator: Mr Peter Ingram  Property Type: Domestic Property (Single)  Location: Northfield Woodfield Lane Hatfield Hertfordshire AL9 6jj  Authority: Environment Agency, Thames Region  Catchment Area: Lee-Source / Mimram  Reference: Canm.1000  Permit Version: 1  Effective Date: 20th October 2005  Issued Date: 7th December 2005  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Into Land  Environment:  Receiving Water: To Unknown Dit Trib Of Ess Br  <b>Status: Not Supplied</b>  Positional Accuracy: Located by supplier to within 10m</p>	A7NE (SW)	842	2	526844 205756
11	<p><b>Discharge Consents</b></p> <p>Operator: Mr Louis Loizou  Property Type: Domestic Property (Single)  Location: The 12 Apostles Church Kentish Lane Brookmans Park Hatfield Hertfordshire AL9 6ng  Authority: Environment Agency, Thames Region  Catchment Area: Lee-Source / Mimram  Reference: Npswqd002361  Permit Version: 1  Effective Date: 30th June 2008  Issued Date: 30th June 2008  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Un Named Trib Essenden Brook  <b>Status: Not Supplied</b>  Positional Accuracy: Located by supplier to within 10m</p>	A7NW (SW)	872	2	526733 205836
12	<p><b>Discharge Consents</b></p> <p>Operator: Mr. G.A. &amp; Mrs. L.A. Mitcheson  Property Type: Domestic Property (Single)  Location: Farmleigh, Little Berkhamsteadlane, Essendon, Herts  Authority: Environment Agency, Thames Region  Catchment Area: Not Given  Reference: CLCR.0285  Permit Version: 1  Effective Date: 24th July 1981  Issued Date: 24th July 1981  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Trib Of Essendon Brook  <b>Status: Not Supplied</b>  Positional Accuracy: Located by supplier to within 100m</p>	A18NE (N)	902	2	527740 207210



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
13	<p><b>Discharge Consents</b></p> <p>Operator: Mr. R.W. Camis  Property Type: Domestic Property (Single)  Location: Camleigh Farm, Cucumber Lane, Essendon, Herts  Authority: Environment Agency, Thames Region  Catchment Area: Not Supplied  Reference: Ctlu.0459  Permit Version: 2  Effective Date: 21st December 2012  Issued Date: 21st December 2012  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Land/Soakaway  Environment:  Receiving Water: Groundwater  <b>Status: Not Supplied</b>  Positional Accuracy: Located by supplier to within 10m</p>	A18NE (N)	907	2	527620 207250
13	<p><b>Discharge Consents</b></p> <p>Operator: Mr. R.W. Camis  Property Type: Domestic Property (Single)  Location: Camleigh Farm, Cucumber Lane, Essendon, Herts  Authority: Environment Agency, Thames Region  Catchment Area: Not Given  Reference: CTLU.0459  Permit Version: 1  Effective Date: 16th August 1976  Issued Date: 16th August 1976  Revocation Date: 20th December 2012  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Land/Soakaway  Environment:  Receiving Water: Groundwater  <b>Status: Not Supplied</b>  Positional Accuracy: Located by supplier to within 100m</p>	A18NE (N)	907	2	527620 207250
	<p><b>Nearest Surface Water Feature</b></p>	A13SE (E)	201	-	527624 206347
14	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Not Given  Location: ESSENDON  Authority: Environment Agency, Thames Region  Pollutant: Oils - Unknown  Note: Confirmed As A Pollution Incident  Incident Date: Not Supplied  Incident Reference: NE890369  Catchment Area: Not Given  Receiving Water: Not Given  Cause of Incident: Not Given  Incident Severity: Category 3 - Minor Incident  Positional Accuracy: Located by supplier to within 100m</p>	A13NW (NW)	374	2	527100 206550
15	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Not Given  Location: ESSENDON  Authority: Environment Agency, Thames Region  Pollutant: Storm Sewage  Note: Confirmed incident  Incident Date: 30th April 1999  Incident Reference: THNE1999042884  Catchment Area: Not Given  Receiving Water: Not Given  Cause of Incident: Not Given  Incident Severity: Category 3 - Minor Incident  Positional Accuracy: Located by supplier to within 10m</p>	A12NE (W)	446	2	527000 206500
	<p><b>Groundwater Vulnerability</b></p> <p>Soil Classification: Not classified  Map Sheet: Sheet 39 West London  Scale: 1:100,000</p>	A13NE (NE)	0	2	527425 206365
	<p><b>Drift Deposits</b></p> <p>None</p>				
	<p><b>Bedrock Aquifer Designations</b></p> <p>Aquifer Designation: Unproductive Strata</p>	A13NE (NE)	0	3	527425 206365
	<p><b>Superficial Aquifer Designations</b></p> <p>No Data Available</p>				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SE (E)	166	2	527590 206365
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NE (E)	176	2	527600 206365
	<b>Areas Benefiting from Flood Defences</b> None				
	<b>Flood Water Storage Areas</b> None				
	<b>Flood Defences</b> None				
16	<b>Detailed River Network Lines</b> River Type: Primary River River Name: Essendon Hydrographic Area: D006 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Flood Risk Management Indicative/Statutory Main River Management Status: Water Course: Essendon Brook Name: Water Course: 46ES Reference:	A13SE (E)	201	2	527625 206350
17	<b>Detailed River Network Lines</b> River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D006 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Flood Risk Management Indicative/Statutory Main River Management Status: Water Course: Essendon Brook Name: Water Course: 46ES Reference:	A13SE (SE)	242	2	527587 206187
18	<b>Detailed River Network Lines</b> River Type: Primary River River Name: Not Supplied Hydrographic Area: D006 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Flood Risk Management Indicative/Statutory Main River Management Status: Water Course: Essendon Brook Name: Water Course: 46ES Reference:	A13NE (NE)	255	2	527581 206566
19	<b>Detailed River Network Lines</b> River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D006 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A13NE (NE)	255	2	527582 206565

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
20	<p><b>Detailed River Network Lines</b></p> <p>River Type: Tertiary River  River Name: Drain  Hydrographic Area: D006  River Flow Type: Primary Flow Path  River Surface Level: Surface  Drain Feature: Drain (ditch, Reen, Rhyne, Drain)  Flood Risk: Other Rivers  Management Status:  Water Course: Not Supplied  Name:  Water Course: Not Supplied  Reference:</p>	A13SE (S)	337	2	527509 206040
21	<p><b>Detailed River Network Lines</b></p> <p>River Type: Tertiary River  River Name: Drain  Hydrographic Area: D006  River Flow Type: Primary Flow Path  River Surface Level: Surface  Drain Feature: Drain (ditch, Reen, Rhyne, Drain)  Flood Risk: Other Rivers  Management Status:  Water Course: Not Supplied  Name:  Water Course: Not Supplied  Reference:</p>	A13SE (S)	337	2	527509 206040
22	<p><b>Detailed River Network Lines</b></p> <p>River Type: Tertiary River  River Name: Not Supplied  Hydrographic Area: D006  River Flow Type: Primary Flow Path  River Surface Level: Surface  Drain Feature: Not a Drain  Flood Risk: Other Rivers  Management Status:  Water Course: Not Supplied  Name:  Water Course: Not Supplied  Reference:</p>	A13SE (S)	337	2	527509 206040
23	<p><b>Detailed River Network Lines</b></p> <p>River Type: Tertiary River  River Name: Drain  Hydrographic Area: D006  River Flow Type: Primary Flow Path  River Surface Level: Surface  Drain Feature: Drain (ditch, Reen, Rhyne, Drain)  Flood Risk: Other Rivers  Management Status:  Water Course: Not Supplied  Name:  Water Course: Not Supplied  Reference:</p>	A13SW (SW)	348	2	527275 206052
24	<p><b>Detailed River Network Lines</b></p> <p>River Type: Tertiary River  River Name: Essendon Brook  Hydrographic Area: D006  River Flow Type: Primary Flow Path  River Surface Level: Surface  Drain Feature: Not a Drain  Flood Risk: Flood Risk Management Indicative/Statutory Main River  Management Status:  Water Course: Essendon Brook  Name:  Water Course: 46ES  Reference:</p>	A8NE (S)	355	2	527530 206027
25	<p><b>Detailed River Network Lines</b></p> <p>River Type: Tertiary River  River Name: Not Supplied  Hydrographic Area: D006  River Flow Type: Primary Flow Path  River Surface Level: Surface  Drain Feature: Not a Drain  Flood Risk: Other Rivers  Management Status:  Water Course: Not Supplied  Name:  Water Course: Not Supplied  Reference:</p>	A13NW (NW)	357	2	527147 206588

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
26	<b>Detailed River Network Lines</b> River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D006 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A13NW (NW)	357	2	527163 206607
27	<b>Detailed River Network Lines</b> River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D006 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A13NW (NW)	360	2	527152 206599
28	<b>Detailed River Network Lines</b> River Type: Primary River River Name: Not Supplied Hydrographic Area: D006 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Flood Risk Management Indicative/Statutory Main River Management Status: Water Course: Essendon Brook Name: Water Course: 46ES Reference:	A18SW (N)	377	2	527357 206735
29	<b>Detailed River Network Lines</b> River Type: Tertiary River River Name: Drain Hydrographic Area: D006 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Drain (ditch, Reen, Rhyne, Drain) Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A8NE (S)	397	2	527446 205969
30	<b>Detailed River Network Lines</b> River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D006 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A8NE (S)	442	2	527531 205937
31	<b>Detailed River Network Lines</b> River Type: Tertiary River River Name: Drain Hydrographic Area: D006 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Drain (ditch, Reen, Rhyne, Drain) Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A8NE (S)	484	2	527558 205900

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
32	<b>Detailed River Network Lines</b> River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D006 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A8NE (S)	484	2	527558 205900
33	<b>Detailed River Network Lines</b> River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D006 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A8NE (S)	484	2	527558 205900
34	<b>Detailed River Network Lines</b> River Type: Extended Culvert (greater than 50m) River Name: Not Supplied Hydrographic Area: D006 River Flow Type: Primary Flow Path River Surface Level: Below Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A8NE (SE)	490	2	527633 205921
	<b>Detailed River Network Offline Drainage</b> None				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Local Authority Landfill Coverage</b> Name: Hertfordshire County Council - Has supplied landfill data		0	10	527425 206365
	<b>Local Authority Landfill Coverage</b> Name: Welwyn Hatfield Council - Has no landfill data to supply		0	9	527425 206365

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS 1:625,000 Solid Geology</b> Description: Thames Group	A13NE (NE)	0	3	527425 206365
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13NE (NE)	0	3	527425 206365
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13SW (SW)	185	3	527276 206257
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13NE (NE)	356	3	527563 206693
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A8NE (S)	366	3	527425 206000
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A12NE (W)	425	3	527000 206365
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A12SE (W)	429	3	527000 206309

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p><b>BGS Estimated Soil Chemistry</b></p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Rural Soil</p> <p>Arsenic &lt;15 mg/kg</p> <p>Concentration:</p> <p>Cadmium &lt;1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: &lt;150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A13NW (NW)	433	3	527122 206674
	<p><b>BGS Estimated Soil Chemistry</b></p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Rural Soil</p> <p>Arsenic &lt;15 mg/kg</p> <p>Concentration:</p> <p>Cadmium &lt;1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: &lt;150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A8NW (SW)	469	3	527131 206000
	<p><b>BGS Estimated Soil Chemistry</b></p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Rural Soil</p> <p>Arsenic &lt;15 mg/kg</p> <p>Concentration:</p> <p>Cadmium &lt;1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: &lt;150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A7NE (SW)	561	3	527000 206000
	<p><b>BGS Estimated Soil Chemistry</b></p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Rural Soil</p> <p>Arsenic &lt;15 mg/kg</p> <p>Concentration:</p> <p>Cadmium &lt;1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: &lt;150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A14NW (E)	575	3	528000 206365
	<p><b>BGS Estimated Soil Chemistry</b></p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Rural Soil</p> <p>Arsenic &lt;15 mg/kg</p> <p>Concentration:</p> <p>Cadmium &lt;1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: &lt;150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A14NW (E)	582	3	528000 206453
	<p><b>BGS Estimated Soil Chemistry</b></p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Rural Soil</p> <p>Arsenic &lt;15 mg/kg</p> <p>Concentration:</p> <p>Cadmium &lt;1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: 150 - 300 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A18SW (N)	604	3	527339 206962



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p><b>BGS Estimated Soil Chemistry</b></p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Rural Soil</p> <p>Arsenic &lt;15 mg/kg</p> <p>Concentration:</p> <p>Cadmium &lt;1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: &lt;150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A18SE (N)	635	3	527425 207000
	<p><b>BGS Estimated Soil Chemistry</b></p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Rural Soil</p> <p>Arsenic &lt;15 mg/kg</p> <p>Concentration:</p> <p>Cadmium &lt;1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: 150 - 300 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A18SW (N)	641	3	527344 207000
	<p><b>BGS Estimated Soil Chemistry</b></p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Rural Soil</p> <p>Arsenic &lt;15 mg/kg</p> <p>Concentration:</p> <p>Cadmium &lt;1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: &lt;150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A18SW (N)	645	3	527316 207000
	<p><b>BGS Estimated Soil Chemistry</b></p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Rural Soil</p> <p>Arsenic &lt;15 mg/kg</p> <p>Concentration:</p> <p>Cadmium &lt;1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: &lt;150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A14SW (SE)	650	3	528001 206065
	<p><b>BGS Estimated Soil Chemistry</b></p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Rural Soil</p> <p>Arsenic &lt;15 mg/kg</p> <p>Concentration:</p> <p>Cadmium &lt;1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: &lt;150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A14SW (SE)	651	3	528000 206062
	<p><b>BGS Estimated Soil Chemistry</b></p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Rural Soil</p> <p>Arsenic &lt;15 mg/kg</p> <p>Concentration:</p> <p>Cadmium &lt;1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: &lt;150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A7NE (SW)	667	3	527000 205852

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p><b>BGS Estimated Soil Chemistry</b></p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Rural Soil</p> <p>Arsenic &lt;15 mg/kg</p> <p>Concentration:</p> <p>Cadmium &lt;1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: &lt;150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A18SE (N)	668	3	527631 207000
	<p><b>BGS Estimated Soil Chemistry</b></p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Rural Soil</p> <p>Arsenic &lt;15 mg/kg</p> <p>Concentration:</p> <p>Cadmium &lt;1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: &lt;150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A9NW (SE)	676	3	527993 206000
	<p><b>BGS Estimated Soil Chemistry</b></p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Rural Soil</p> <p>Arsenic &lt;15 mg/kg</p> <p>Concentration:</p> <p>Cadmium &lt;1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: &lt;150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A19SW (NE)	677	3	527894 206852
	<p><b>BGS Estimated Soil Chemistry</b></p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Rural Soil</p> <p>Arsenic &lt;15 mg/kg</p> <p>Concentration:</p> <p>Cadmium &lt;1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: &lt;150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A9NW (SE)	682	3	528000 206000
	<p><b>BGS Estimated Soil Chemistry</b></p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Rural Soil</p> <p>Arsenic &lt;15 mg/kg</p> <p>Concentration:</p> <p>Cadmium &lt;1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: &lt;150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A19SW (NE)	705	3	528000 206773
	<p><b>BGS Estimated Soil Chemistry</b></p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Rural Soil</p> <p>Arsenic &lt;15 mg/kg</p> <p>Concentration:</p> <p>Cadmium &lt;1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: &lt;150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A19SW (NE)	728	3	527779 207000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p><b>BGS Estimated Soil Chemistry</b></p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Rural Soil</p> <p>Arsenic &lt;15 mg/kg</p> <p>Concentration:</p> <p>Cadmium &lt;1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: &lt;150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A17SE (NW)	740	3	527047 207000
	<p><b>BGS Estimated Soil Chemistry</b></p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Rural Soil</p> <p>Arsenic &lt;15 mg/kg</p> <p>Concentration:</p> <p>Cadmium &lt;1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: &lt;150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A17SE (NW)	765	3	527000 207000
	<p><b>BGS Estimated Soil Chemistry</b></p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Rural Soil</p> <p>Arsenic &lt;15 mg/kg</p> <p>Concentration:</p> <p>Cadmium &lt;1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: &lt;150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A7SE (SW)	791	3	527029 205681
	<p><b>BGS Estimated Soil Chemistry</b></p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Rural Soil</p> <p>Arsenic &lt;15 mg/kg</p> <p>Concentration:</p> <p>Cadmium &lt;1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: &lt;150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A17NE (NW)	817	3	527000 207062
	<p><b>BGS Estimated Soil Chemistry</b></p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Rural Soil</p> <p>Arsenic &lt;15 mg/kg</p> <p>Concentration:</p> <p>Cadmium &lt;1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: &lt;150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A19SW (NE)	818	3	527916 207019
	<p><b>BGS Estimated Soil Chemistry</b></p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Rural Soil</p> <p>Arsenic &lt;15 mg/kg</p> <p>Concentration:</p> <p>Cadmium &lt;1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: &lt;150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A12SW (W)	826	3	526610 206232

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p><b>BGS Estimated Soil Chemistry</b></p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Rural Soil</p> <p>Arsenic &lt;15 mg/kg</p> <p>Concentration:</p> <p>Cadmium &lt;1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: &lt;150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A14SE (SE)	833	3	528191 206039
	<p><b>BGS Estimated Soil Chemistry</b></p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Rural Soil</p> <p>Arsenic &lt;15 mg/kg</p> <p>Concentration:</p> <p>Cadmium &lt;1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: &lt;150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A9NE (SE)	834	3	528172 205996
	<p><b>BGS Estimated Soil Chemistry</b></p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Rural Soil</p> <p>Arsenic &lt;15 mg/kg</p> <p>Concentration:</p> <p>Cadmium &lt;1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: &lt;150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A7SE (SW)	855	3	527000 205624
	<p><b>BGS Estimated Soil Chemistry</b></p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Rural Soil</p> <p>Arsenic &lt;15 mg/kg</p> <p>Concentration:</p> <p>Cadmium &lt;1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: &lt;150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A19SW (NE)	857	3	528000 207000
	<p><b>BGS Estimated Soil Chemistry</b></p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Rural Soil</p> <p>Arsenic &lt;15 mg/kg</p> <p>Concentration:</p> <p>Cadmium &lt;1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: &lt;150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A19SW (NE)	871	3	528000 207019
	<p><b>BGS Estimated Soil Chemistry</b></p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Rural Soil</p> <p>Arsenic &lt;15 mg/kg</p> <p>Concentration:</p> <p>Cadmium &lt;1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: &lt;150 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A9SW (SE)	903	3	527959 205637

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A19NW (NE)	961	3	528000 207134
35	<b>BGS Recorded Mineral Sites</b> Site Name: Woodfield Gravel Pit Location: , Wildhill, Hatfield, Hertfordshire Source: British Geological Survey, National Geoscience Information Service Reference: 169568 Type: Opencast <b>Status: Ceased</b> Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Quaternary Geology: Sand And Gravel Of Uncertain Age And Origin Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A7NE (SW)	704	3	526953 205843
	<b>BGS Measured Urban Soil Chemistry</b> No data available				
	<b>BGS Urban Soil Chemistry Averages</b> No data available				
	<b>Coal Mining Affected Areas</b> In an area that might not be affected by coal mining				
	<b>Non Coal Mining Areas of Great Britain</b> No Hazard				
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	3	527425 206365
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	3	527425 206365
	<b>Potential for Ground Dissolution Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	3	527425 206365
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	3	527425 206365
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	247	3	527584 206554
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	3	527425 206365
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	185	3	527276 206257
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	3	527425 206365
	<b>Radon Potential - Radon Protection Measures</b> Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	3	527425 206365
	<b>Radon Potential - Radon Affected Areas</b> Affected Area: The property is in a lower probability radon area, as less than 1% of homes are above the action level Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	3	527425 206365

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
36	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: London City Cleaning Ltd            Location: 3, Hornbeam Lane, Essendon, Hatfield, Hertfordshire, AL9 6JF            Classification: Commercial Cleaning Services  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A13NW (NW)	400	-	527117 206620
36	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: London City Cleaning Ltd            Location: 3, Hornbeam Lane, Essendon, Hatfield, Hertfordshire, AL9 6JF            Classification: Commercial Cleaning Services  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A13NW (NW)	400	-	527117 206620

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
37	<p><b>Areas of Adopted Green Belt</b></p> <p>Authority: Welwyn Hatfield District Council            Plan Name: Welwyn Hatfield Local Plan            Status: <b>Adopted</b>            Plan Date: 15th April 2005</p>	A13NE (NE)	0	4	527425 206365
38	<p><b>Nitrate Vulnerable Zones</b></p> <p>Name: Not Supplied            Description: Surface Water            Source: Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)</p>	A13NE (NE)	0	7	527425 206365

Agency & Hydrological	Version	Update Cycle
<b>Contaminated Land Register Entries and Notices</b> Welwyn Hatfield District Council - Environmental Health Department Broxbourne Borough Council - Environmental Health Department St Albans City & District Council - Environmental Health Department East Hertfordshire District Council - Environmental Health Department Hertsmere Borough Council - Environmental Health Department London Borough of Enfield - Environmental Services	August 2013 February 2014 February 2015 January 2013 September 2014 September 2014	Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update
<b>Discharge Consents</b> Environment Agency - Thames Region	January 2016	Quarterly
<b>Enforcement and Prohibition Notices</b> Environment Agency - Thames Region	March 2013	As notified
<b>Integrated Pollution Controls</b> Environment Agency - Thames Region	October 2008	Not Applicable
<b>Integrated Pollution Prevention And Control</b> Environment Agency - Thames Region	January 2016	Quarterly
<b>Local Authority Integrated Pollution Prevention And Control</b> East Hertfordshire District Council - Environmental Health Department Hertsmere Borough Council - Environmental Health Department London Borough of Enfield - Environmental Health Department Broxbourne Borough Council - Environmental Health Department Welwyn Hatfield District Council - Environmental Health Department St Albans City & District Council - Environmental Health Department	January 2014 January 2015 January 2015 March 2015 May 2012 May 2014	Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update
<b>Local Authority Pollution Prevention and Controls</b> East Hertfordshire District Council - Environmental Health Department Hertsmere Borough Council - Environmental Health Department London Borough of Enfield - Environmental Health Department Broxbourne Borough Council - Environmental Health Department Welwyn Hatfield District Council - Environmental Health Department St Albans City & District Council - Environmental Health Department	January 2014 January 2015 January 2015 March 2015 May 2012 May 2014	Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update
<b>Local Authority Pollution Prevention and Control Enforcements</b> East Hertfordshire District Council - Environmental Health Department Hertsmere Borough Council - Environmental Health Department London Borough of Enfield - Environmental Health Department Broxbourne Borough Council - Environmental Health Department Welwyn Hatfield District Council - Environmental Health Department St Albans City & District Council - Environmental Health Department	January 2014 January 2015 January 2015 March 2015 May 2012 May 2014	Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update
<b>Nearest Surface Water Feature</b> Ordnance Survey	July 2012	Quarterly
<b>Pollution Incidents to Controlled Waters</b> Environment Agency - Thames Region	September 1999	Not Applicable
<b>Prosecutions Relating to Authorised Processes</b> Environment Agency - Thames Region	March 2013	As notified
<b>Prosecutions Relating to Controlled Waters</b> Environment Agency - Thames Region	March 2013	As notified
<b>River Quality</b> Environment Agency - Head Office	November 2001	Not Applicable
<b>River Quality Biology Sampling Points</b> Environment Agency - Head Office	July 2012	Annually
<b>River Quality Chemistry Sampling Points</b> Environment Agency - Head Office	July 2012	Annually
<b>Substantiated Pollution Incident Register</b> Environment Agency - Thames Region - North East Area	January 2016	Quarterly



Agency & Hydrological	Version	Update Cycle
<b>Water Abstractions</b> Environment Agency - Thames Region	January 2016	Quarterly
<b>Water Industry Act Referrals</b> Environment Agency - Thames Region	January 2016	Quarterly
<b>Groundwater Vulnerability</b> Environment Agency - Head Office	April 2015	Not Applicable
<b>Drift Deposits</b> Environment Agency - Head Office	January 1999	Not Applicable
<b>Bedrock Aquifer Designations</b> British Geological Survey - National Geoscience Information Service	October 2012	As notified
<b>Superficial Aquifer Designations</b> British Geological Survey - National Geoscience Information Service	January 2015	As notified
<b>Source Protection Zones</b> Environment Agency - Head Office	January 2016	Quarterly
<b>Extreme Flooding from Rivers or Sea without Defences</b> Environment Agency - Head Office	November 2015	Quarterly
<b>Flooding from Rivers or Sea without Defences</b> Environment Agency - Head Office	November 2015	Quarterly
<b>Areas Benefiting from Flood Defences</b> Environment Agency - Head Office	November 2015	Quarterly
<b>Flood Water Storage Areas</b> Environment Agency - Head Office	November 2015	Quarterly
<b>Flood Defences</b> Environment Agency - Head Office	November 2015	Quarterly
<b>Detailed River Network Lines</b> Environment Agency - Head Office	March 2012	Annually
<b>Detailed River Network Offline Drainage</b> Environment Agency - Head Office	March 2012	Annually
<b>Surface Water 1 in 30 year Flood Extent</b> Environment Agency - Head Office	October 2013	As notified
<b>Surface Water 1 in 100 year Flood Extent</b> Environment Agency - Head Office	October 2013	As notified
<b>Surface Water 1 in 1000 year Flood Extent</b> Environment Agency - Head Office	October 2013	As notified
<b>Surface Water Suitability</b> Environment Agency - Head Office	October 2013	As notified

Waste	Version	Update Cycle
<b>BGS Recorded Landfill Sites</b> British Geological Survey - National Geoscience Information Service	June 1996	Not Applicable
<b>Integrated Pollution Control Registered Waste Sites</b> Environment Agency - Thames Region	October 2008	Not Applicable
<b>Licensed Waste Management Facilities (Landfill Boundaries)</b> Environment Agency - Thames Region - North East Area	October 2015	Quarterly
<b>Licensed Waste Management Facilities (Locations)</b> Environment Agency - Thames Region - North East Area	January 2016	Quarterly
<b>Local Authority Landfill Coverage</b> Broxbourne Borough Council East Hertfordshire District Council - Environmental Health Department Hertfordshire County Council - Spatial Planning and Economy Unit Hertsmere Borough Council - Environmental Health Department London Borough of Enfield - Environmental Health Department St Albans City & District Council - Environmental Health Department Welwyn Hatfield District Council - Environmental Health Department	May 2000 May 2000 May 2000 May 2000 May 2000 May 2000 May 2000	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable
<b>Local Authority Recorded Landfill Sites</b> London Borough of Enfield - Environmental Health Department Broxbourne Borough Council East Hertfordshire District Council - Environmental Health Department Hertfordshire County Council - Spatial Planning and Economy Unit Hertsmere Borough Council - Environmental Health Department St Albans City & District Council - Environmental Health Department Welwyn Hatfield District Council - Environmental Health Department	February 2003 May 2000 May 2000 May 2000 May 2000 May 2000 May 2000	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable
<b>Registered Landfill Sites</b> Environment Agency - Thames Region - North East Area	March 2003	Not Applicable
<b>Registered Waste Transfer Sites</b> Environment Agency - Thames Region - North East Area	March 2003	Not Applicable
<b>Registered Waste Treatment or Disposal Sites</b> Environment Agency - Thames Region - North East Area	June 2015	Not Applicable

Hazardous Substances	Version	Update Cycle
<b>Control of Major Accident Hazards Sites (COMAH)</b> Health and Safety Executive	June 2015	Bi-Annually
<b>Explosive Sites</b> Health and Safety Executive	June 2015	Bi-Annually
<b>Notification of Installations Handling Hazardous Substances (NIHHS)</b> Health and Safety Executive	November 2000	Not Applicable
<b>Planning Hazardous Substance Enforcements</b> Welwyn Hatfield District Council East Hertfordshire District Council Broxbourne Borough Council Hertfordshire County Council - Spatial Planning and Economy Unit Hertsmere Borough Council - Planning Department London Borough of Enfield - Planning Department St Albans City & District Council	April 2014 April 2015 February 2016 February 2016 February 2016 February 2016 September 2014	Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update
<b>Planning Hazardous Substance Consents</b> Welwyn Hatfield District Council East Hertfordshire District Council Broxbourne Borough Council Hertfordshire County Council - Spatial Planning and Economy Unit Hertsmere Borough Council - Planning Department London Borough of Enfield - Planning Department St Albans City & District Council	April 2014 April 2015 February 2016 February 2016 February 2016 February 2016 September 2014	Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update

<b>Geological</b>	<b>Version</b>	<b>Update Cycle</b>
<b>BGS 1:625,000 Solid Geology</b> British Geological Survey - National Geoscience Information Service	January 2009	Not Applicable
<b>BGS Estimated Soil Chemistry</b> British Geological Survey - National Geoscience Information Service	January 2010	Annually
<b>BGS Recorded Mineral Sites</b> British Geological Survey - National Geoscience Information Service	November 2015	Bi-Annually
<b>Brine Compensation Area</b> Cheshire Brine Subsidence Compensation Board	August 2011	Not Applicable
<b>Coal Mining Affected Areas</b> The Coal Authority - Property Searches	March 2014	As notified
<b>Mining Instability</b> Ove Arup & Partners	October 2000	Not Applicable
<b>Non Coal Mining Areas of Great Britain</b> British Geological Survey - National Geoscience Information Service	July 2014	Not Applicable
<b>Potential for Collapsible Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	June 2015	Annually
<b>Potential for Compressible Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	June 2015	Annually
<b>Potential for Ground Dissolution Stability Hazards</b> British Geological Survey - National Geoscience Information Service	June 2015	Annually
<b>Potential for Landslide Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	June 2015	Annually
<b>Potential for Running Sand Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	June 2015	Annually
<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	June 2015	Annually
<b>Radon Potential - Radon Affected Areas</b> British Geological Survey - National Geoscience Information Service	July 2011	As notified
<b>Radon Potential - Radon Protection Measures</b> British Geological Survey - National Geoscience Information Service	July 2011	As notified
<b>Industrial Land Use</b>	<b>Version</b>	<b>Update Cycle</b>
<b>Contemporary Trade Directory Entries</b> Thomson Directories	January 2016	Quarterly
<b>Fuel Station Entries</b> Catalist Ltd - Experian	November 2015	Quarterly

<b>Sensitive Land Use</b>	<b>Version</b>	<b>Update Cycle</b>
<b>Areas of Adopted Green Belt</b> Broxbourne Borough Council East Hertfordshire District Council Hertsmere Borough Council - Planning Department London Borough of Enfield St Albans City & District Council Welwyn Hatfield District Council	January 2016 January 2016 January 2016 January 2016 January 2016 January 2016	As notified As notified As notified As notified As notified As notified
<b>Areas of Unadopted Green Belt</b> Broxbourne Borough Council East Hertfordshire District Council Hertsmere Borough Council - Planning Department London Borough of Enfield St Albans City & District Council Welwyn Hatfield District Council	November 201 November 201 November 201 November 201 November 201 November 201	As notified As notified As notified As notified As notified As notified
<b>Areas of Outstanding Natural Beauty</b> Natural England	October 2015	Bi-Annually
<b>Environmentally Sensitive Areas</b> Natural England	October 2015	Annually
<b>Forest Parks</b> Forestry Commission	April 1997	Not Applicable
<b>Local Nature Reserves</b> Natural England	October 2015	Bi-Annually
<b>Marine Nature Reserves</b> Natural England	October 2015	Bi-Annually
<b>National Nature Reserves</b> Natural England	October 2015	Bi-Annually
<b>National Parks</b> Natural England	August 2015	Bi-Annually
<b>Nitrate Sensitive Areas</b> Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	October 2015	Not Applicable
<b>Nitrate Vulnerable Zones</b> Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	October 2015	Annually
<b>Ramsar Sites</b> Natural England	October 2015	Bi-Annually
<b>Sites of Special Scientific Interest</b> Natural England	October 2015	Bi-Annually
<b>Special Areas of Conservation</b> Natural England	October 2015	Bi-Annually
<b>Special Protection Areas</b> Natural England	October 2015	Bi-Annually

A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	
Environment Agency	
Scottish Environment Protection Agency	
The Coal Authority	
British Geological Survey	 <p><b>British Geological Survey</b> NATURAL ENVIRONMENT RESEARCH COUNCIL</p>
Centre for Ecology and Hydrology	 <p><b>Centre for Ecology &amp; Hydrology</b> NATURAL ENVIRONMENT RESEARCH COUNCIL</p>
Natural Resources Wales	
Scottish Natural Heritage	
Natural England	
Public Health England	
Ove Arup	
Peter Brett Associates	

Contact	Name and Address	Contact Details
2	<b>Environment Agency - National Customer Contact Centre (NCCC)</b> PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	<b>British Geological Survey - Enquiry Service</b> British Geological Survey, Kingsley Dunham Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
4	<b>Welwyn Hatfield District Council</b> Council Offices, Campus East, Welwyn Garden City, Hertfordshire, AL8 6AE	Telephone: 01707 357000 Fax: 01707 375490 Website: www.welhat.gov.uk
5	<b>East Hertfordshire District Council</b> Wallfields, Pegs Lane, Hertford, Hertfordshire, SG13 8EQ	Telephone: 01279 655261 Fax: 01992 552280 Website: www.eastherts.gov.uk
6	<b>Natural England</b> Suite D, Unex House, Bourges Boulevard, Peterborough, Cambridgeshire, PE1 1NG	Telephone: 0845 600 3078 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
7	<b>Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)</b> Government Buildings, Otley Road, Lawnswood, Leeds, West Yorkshire, LS16 5QT	Telephone: 0113 2613333 Fax: 0113 230 0879
8	<b>Environment Agency - Head Office</b> Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
9	<b>Welwyn Hatfield District Council - Environmental Health Department</b> Council Offices, Campus East, Welwyn Garden City, Hertfordshire, AL8 6AE	Telephone: 01707 357000 Fax: 01707 375490 Website: www.welhat.gov.uk
10	<b>Hertfordshire County Council - Spatial Planning and Economy Unit</b> County Hall, Hertford, Hertfordshire, SG13 8DN	Telephone: 01992 556266 Fax: 01992 556015 Email: spatialplanning@hertfordshire.gov.uk Website: www.hertsdirect.org
-	<b>Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards</b> Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	<b>Landmark Information Group Limited</b> Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

Please note that the Environment Agency / Natural Resources Wales / SEPA have a charging policy in place for enquiries.