



Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

55933228_1_1

Customer Reference:

27134-01

National Grid Reference:

537720, 216170

Slice:

D

Site Area (Ha):

340.41

Search Buffer (m):

500

Site Details:

Land to the North and East of Ware
Hertfordshire

Client Details:

Mr C Larkin
RSK Environment Ltd
18 Frogmore Road
Hemel Hempstead
Herts
HP3 9RT

Prepared For:

Hubert C. Leach Ltd (Leach Homes)

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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 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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Radon Potential dataset Copyright Notice

Information supplied from a joint dataset compiled by The British Geological Survey and Public Health England.

Report Version v47.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m (*up to 1000m)
Agency & Hydrological				
Contaminated Land Register Entries and Notices				
Discharge Consents	pg 1	4		
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 1	Yes		
Pollution Incidents to Controlled Waters	pg 2	1		
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	pg 2			(*4)
Water Industry Act Referrals				
Groundwater Vulnerability	pg 3	Yes	n/a	n/a
Bedrock Aquifer Designations	pg 3	Yes	n/a	n/a
Superficial Aquifer Designations	pg 3	Yes	n/a	n/a
Source Protection Zones	pg 3	3		
Extreme Flooding from Rivers or Sea without Defences				n/a
Flooding from Rivers or Sea without Defences				n/a
Areas Benefiting from Flood Defences				n/a
Flood Water Storage Areas				n/a
Flood Defences				n/a
Detailed River Network Lines	pg 4	Yes	Yes	Yes
Detailed River Network Offline Drainage	pg 5	Yes	Yes	Yes

Data Type	Page Number	On Site	0 to 250m	251 to 500m (*up to 1000m)
Waste				
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				
Hazardous Substances				
Control of Major Accident Hazards Sites (COMAH)				
Explosive Sites				
Notification of Installations Handling Hazardous Substances (NIHHS)				
Planning Hazardous Substance Consents				
Planning Hazardous Substance Enforcements				
Geological				
BGS 1:625,000 Solid Geology	pg 7	Yes	n/a	n/a
BGS Estimated Soil Chemistry	pg 7	Yes		Yes
BGS Recorded Mineral Sites				
BGS Urban Soil Chemistry				
BGS Urban Soil Chemistry Averages				
Brine Compensation Area			n/a	n/a
Coal Mining Affected Areas			n/a	n/a
Mining Instability			n/a	n/a
Man-Made Mining Cavities				
Natural Cavities				
Non Coal Mining Areas of Great Britain	pg 8	Yes		n/a
Potential for Collapsible Ground Stability Hazards	pg 8	Yes		n/a
Potential for Compressible Ground Stability Hazards				n/a
Potential for Ground Dissolution Stability Hazards	pg 8	Yes	Yes	n/a
Potential for Landslide Ground Stability Hazards	pg 8	Yes		n/a
Potential for Running Sand Ground Stability Hazards	pg 8	Yes		n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 8	Yes		n/a
Radon Potential - Radon Affected Areas			n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a

Data Type	Page Number	On Site	0 to 250m	251 to 500m (*up to 1000m)
Industrial Land Use				
Contemporary Trade Directory Entries (50m)				n/a
Fuel Station Entries				
Sensitive Land Use				
Areas of Adopted Green Belt	pg 9	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 9	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>Discharge Consents</p> <p>Operator: Fanhams Grange Property Management Co. Ltd. Property Type: Domestic Property (Multiple) Location: Home Farm Development, Fanhams Hall, Fanhams Hall Road, Ware, Hertfordshir Authority: Environment Agency, Thames Region Catchment Area: Not Given Reference: CNTW.0698 Permit Version: 1 Effective Date: 17th September 1990 Issued Date: 17th September 1990 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Tributary Offanams Tributary Status: Transferred from Water Act 1989 Positional Accuracy: Located by supplier to within 100m</p>	D1SE (SW)	0	1	537470 215710
2	<p>Discharge Consents</p> <p>Operator: Exclusive Hotels Property Type: Olther Wholesale Distribution Location: Business Training Centre, Fanhams Hall, Ware, Hertford Authority: Environment Agency, Thames Region Catchment Area: Not Given Reference: CTWC.2092 Permit Version: 1 Effective Date: 9th December 1987 Issued Date: 9th December 1987 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Un-Named Trib Of The Bourne Status: Transferred from COPA 1974 Positional Accuracy: Located by supplier to within 10m</p>	D1SW (SW)	0	1	537130 215860
3	<p>Discharge Consents</p> <p>Operator: J Sainsbury Property Type: Wholesale Distribution Animals & Mats Location: Fanhams Hall, Ware, Herts Authority: Environment Agency, Thames Region Catchment Area: Not Given Reference: Ctwc.1911 Permit Version: 1 Effective Date: 6th October 1987 Issued Date: 6th October 1987 Revocation Date: 21st April 1997 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: Fanhams Halltributary Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 100m</p>	D1SW (W)	0	1	537000 215900
4	<p>Discharge Consents</p> <p>Operator: The Occupier Property Type: Domestic Property (Single) Location: Bungalow Next To Home Farm, Fanhams Hall Road, Ware, Herts Authority: Environment Agency, Thames Region Catchment Area: Not Given Reference: Ctlu.0747 Permit Version: 1 Effective Date: 15th December 1971 Issued Date: 15th December 1971 Revocation Date: 1st October 1996 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Land/Soakaway Environment: Receiving Water: Not Supplied Status: Lapsed (under Environment Act 1995, Schedule 23) Positional Accuracy: Located by supplier to within 100m</p>	D1SE (SW)	0	1	537470 215790
	<p>Nearest Surface Water Feature</p>	D1SE (S)	0	-	537653 215709

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
5	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Not Given Location: Fanhams Hall, WARE Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: Not Supplied Incident Reference: NE890392 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>	D1SW (SW)	0	1	537130 215855
	<p>Water Abstractions</p> <p>Operator: The Honourable C A Savile Licence Number: 29/38/04/0008s Permit Version: 101 Location: River Rib At Fabdens, Thundridge, Ware, Herts Authority: Environment Agency, Thames Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Febdens, Thundridge, Ware, Herts Authorised Start: 01 May Authorised End: 30 September Permit Start Date: 1st April 2008 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	D9SW (NW)	875	1	537100 217300
	<p>Water Abstractions</p> <p>Operator: The Honourable C A Savile Licence Number: 29/38/04/0008s Permit Version: 100 Location: River Rib At Fabdens, Thundridge, Ware, Herts Authority: Environment Agency, Thames Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 5 Yearly Rate (m3): 1660 Details: Febdens, Thundridge, Ware, Herts Authorised Start: 01 May Authorised End: 30 September Permit Start Date: 29th September 1978 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	D9SW (NW)	875	1	537100 217300
	<p>Water Abstractions</p> <p>Operator: Mr R Smith Licence Number: 29/38/04/0007 Permit Version: 100 Location: River Rib At Home Farm, Youngsbury, Ware, Herts Authority: Environment Agency, Thames Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 600 Yearly Rate (m3): 909 Details: Home Farm, Youngsbury, Ware, Herts Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 1st January 1998 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	D9SE (N)	912	1	537500 217200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: The Honourable C A Savile Licence Number: 29/38/04/0008g Permit Version: 100 Location: Well At Fabdens, Thundridge, Ware, Herts Authority: Environment Agency, Thames Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 9 Yearly Rate (m3): 1660 Details: Fabdens, Thundridge, Ware Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 29th September 1978 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	D9SW (NW)	938	1	537200 217300
	Groundwater Vulnerability Soil Classification: Soils of Intermediate Leaching Potential (I1) - Soils which can possibly transmit a wide range of pollutants Map Sheet: Sheet 40 Thames Estuary Scale: 1:100,000	D2NW (S)	0	1	537725 216167
	Groundwater Vulnerability Soil Classification: Soils of High Leaching Potential (U) - Soil information for restored mineral workings and urban areas is based on fewer observations than elsewhere. A worst case vulnerability classification (H) assumed, until proved otherwise Map Sheet: Sheet 40 Thames Estuary Scale: 1:100,000	(SW)	0	1	537008 215153
	Drift Deposits Drift Deposit: Low permeability drift deposits occurring at the surface and overlying Major and Minor Aquifers are head, clay-with-flints, brickearth, peat, river terrace deposits and marine and estuarine alluvium Map Sheet: Sheet 40 Thames Estuary Scale: 1:100,000	D2NW (S)	0	1	537725 216167
	Bedrock Aquifer Designations Aquifer Designation: Principal Aquifer	(S)	0	2	537725 215000
	Bedrock Aquifer Designations Aquifer Designation: Principal Aquifer	D2NW (S)	0	2	537725 216167
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	(SE)	0	2	538243 214936
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	(S)	0	2	537478 215314
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	(S)	0	2	537728 215378
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	(SE)	0	2	538089 215588
	Superficial Aquifer Designations Aquifer Designation: Unproductive Strata	(S)	0	2	537725 215000
	Superficial Aquifer Designations Aquifer Designation: Unproductive Strata	D2NW (S)	0	2	537725 216167
6	Source Protection Zones Name: Various Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone II (Outer Protection Zone): Either 25% of the source area or a 400 day travel time whichever is greater.	(W)	0	1	536519 215917
7	Source Protection Zones Name: Various Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone III (Total Catchment): The total area needed to support the discharge from the protected groundwater source.	D2NW (S)	0	1	537725 216167

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
8	Source Protection Zones Name: Various Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone II (Outer Protection Zone): Either 25% of the source area or a 400 day travel time whichever is greater.	D2NW (S)	0	1	537725 216167
	Extreme Flooding from Rivers or Sea without Defences None				
	Flooding from Rivers or Sea without Defences None				
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
9	Detailed River Network Lines River Type: Secondary River River Name: Lakes 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:	D1SW (SW)	0	1	537023 215821
10	Detailed River Network Lines River Type: Tertiary River River Name: Farnhams 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: Farnhams Tributaries (NW Arm) Name: Water Course: 50FH Reference:	D1SE (S)	0	1	537649 215914
11	Detailed River Network Lines 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:	D1NW (W)	0	1	537171 216091
12	Detailed River Network Lines 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:	D1NW (W)	0	1	537280 216109

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
13	Detailed River Network Lines River Type: Tertiary River River Name: Fanhams Tributaries 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: Farnhams Tributaries Name: Water Course: 50FA Reference:	D2SE (E)	0	1	538332 215944
14	Detailed River Network Lines 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: Flood Risk Management Indicative/Statutory Main River Management Status: Water Course: Farnhams Tributaries Name: Water Course: 50FA Reference:	D3NW (E)	244	1	538348 216029
15	Detailed River Network Lines River Type: Tertiary River River Name: Fanhams Tributaries 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: Farnhams Tributaries Name: Water Course: 50FA Reference:	D2NE (E)	281	1	538186 216321
16	Detailed River Network Offline Drainage River Type: Tertiary River Hydrographic Area: D006	D2SW (S)	0	1	537723 215901
17	Detailed River Network Offline Drainage River Type: Tertiary River Hydrographic Area: D006	D1SE (S)	0	1	537648 215694
18	Detailed River Network Offline Drainage River Type: Tertiary River Hydrographic Area: D006	D1NE (NW)	0	1	537508 216286
19	Detailed River Network Offline Drainage River Type: Tertiary River Hydrographic Area: D006	D5SE (NW)	0	1	537464 216449
20	Detailed River Network Offline Drainage River Type: Tertiary River Hydrographic Area: D006	D5SE (NW)	160	1	537464 216449
21	Detailed River Network Offline Drainage River Type: Tertiary River Hydrographic Area: D006	D5SE (NW)	264	1	537474 216552
22	Detailed River Network Offline Drainage River Type: Tertiary River Hydrographic Area: D006	D5SW (NW)	367	1	537245 216663
23	Detailed River Network Offline Drainage River Type: Tertiary River Hydrographic Area: D006	D3SW (SE)	416	1	538624 215769
24	Detailed River Network Offline Drainage River Type: Tertiary River Hydrographic Area: D006	D3SE (E)	494	1	538698 215785

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Local Authority Landfill Coverage Name: Hertfordshire County Council - Has supplied landfill data		0	7	537725 216167
	Local Authority Landfill Coverage Name: East Hertfordshire District Council - Has supplied landfill data		0	6	537725 216167

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Chalk including Red Chalk	D2NW (S)	0	2	537725 216167
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 30 - 45 mg/kg	D1NW (W)	0	3	537000 216167
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 30 - 45 mg/kg	D2NW (S)	0	3	537725 216167
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 30 - 45 mg/kg	D2NW (E)	0	3	538000 216167
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 30 - 45 mg/kg	D1NW (W)	0	3	537000 216000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 30 - 45 mg/kg	D2NW (S)	0	3	537725 216000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 30 - 45 mg/kg	D2NW (SE)	0	3	538000 216000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic: 15 - 25 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:	D5NW (NW)	415	3	537000 217000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic: 15 - 25 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:	D5NW (NW)	470	3	537000 216971
	BGS Measured Urban Soil Chemistry No data available				
	BGS Urban Soil Chemistry Averages No data available				
	Coal Mining Affected Areas In an area that might not be affected by coal mining				
	Non Coal Mining Areas of Great Britain Risk: Rare Source: British Geological Survey, National Geoscience Information Service	D2NW (S)	0	2	537725 216167
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	D2NW (S)	0	2	537725 216167
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D2NW (S)	0	2	537725 216167
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D2NW (S)	0	2	537725 216167
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	D2NE (E)	0	2	538243 216205
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	D6NW (N)	176	2	537868 216865
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	D2NW (S)	0	2	537725 216167
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	D2NW (S)	0	2	537725 216167
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	D2NW (S)	0	2	537725 216167
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	D2NW (S)	0	2	537725 216167
	Radon Potential - Radon Affected Areas 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	D2NW (S)	0	2	537725 216167

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
25	<p>Areas of Adopted Green Belt</p> <p>Authority: East Hertfordshire District Council Plan Name: East Herts Local Plan Second Review Status: Adopted Plan Date: 18th April 2007</p>	D2NW (S)	0	4	537725 216167
26	<p>Nitrate Vulnerable Zones</p> <p>Name: Not Supplied Description: NVZ Area Source: Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)</p>	D2NW (S)	0	5	537725 216167













Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices East Hertfordshire District Council - Environmental Health Department	January 2013	Annual Rolling Update
Discharge Consents Environment Agency - Thames Region	February 2014	Quarterly
Enforcement and Prohibition Notices Environment Agency - Thames Region	March 2013	As notified
Integrated Pollution Controls Environment Agency - Thames Region	October 2008	Not Applicable
Integrated Pollution Prevention And Control Environment Agency - Thames Region	February 2014	Quarterly
Local Authority Integrated Pollution Prevention And Control East Hertfordshire District Council - Environmental Health Department	January 2014	Annual Rolling Update
Local Authority Pollution Prevention and Controls East Hertfordshire District Council - Environmental Health Department	January 2014	Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements East Hertfordshire District Council - Environmental Health Department	January 2014	Annual Rolling Update
Nearest Surface Water Feature Ordnance Survey	July 2012	Quarterly
Pollution Incidents to Controlled Waters Environment Agency - Thames Region	September 1999	Not Applicable
Prosecutions Relating to Authorised Processes Environment Agency - Thames Region	March 2013	As notified
Prosecutions Relating to Controlled Waters Environment Agency - Thames Region	March 2013	As notified
Registered Radioactive Substances Environment Agency - Thames Region	February 2014	Quarterly
River Quality Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points Environment Agency - Head Office	July 2012	Annually
River Quality Chemistry Sampling Points Environment Agency - Head Office	July 2012	Annually
Substantiated Pollution Incident Register Environment Agency - Thames Region - North East Area	February 2014	Quarterly
Water Abstractions Environment Agency - Thames Region	December 2014	Quarterly
Water Industry Act Referrals Environment Agency - Thames Region	February 2014	Quarterly
Groundwater Vulnerability Environment Agency - Head Office	January 2011	Not Applicable
Drift Deposits Environment Agency - Head Office	January 1999	Not Applicable
Bedrock Aquifer Designations British Geological Survey - National Geoscience Information Service	October 2012	Annually
Superficial Aquifer Designations British Geological Survey - National Geoscience Information Service	October 2012	Annually
Source Protection Zones Environment Agency - Head Office	December 2014	Quarterly
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	February 2014	Quarterly

Agency & Hydrological	Version	Update Cycle
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	February 2014	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	February 2014	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	February 2014	Quarterly
Flood Defences Environment Agency - Head Office	February 2014	Quarterly
Detailed River Network Lines Environment Agency - Head Office	March 2012	Annually
Detailed River Network Offline Drainage Environment Agency - Head Office	March 2012	Annually
Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	June 1996	Not Applicable
Historical Landfill Sites Environment Agency - South East Region - Kent & South London Area Environment Agency - South East Region - North East Thames Area Environment Agency - South East Region - Solent & South Downs Area Environment Agency - South East Region - West Thames Area Environment Agency - Thames Region - North East Area	February 2014 February 2014 February 2014 February 2014 February 2014	Quarterly Quarterly Quarterly Quarterly Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - Thames Region	October 2008	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - South East Region - Kent & South London Area Environment Agency - South East Region - North East Thames Area Environment Agency - South East Region - Solent & South Downs Area Environment Agency - South East Region - West Thames Area Environment Agency - Thames Region - North East Area	February 2014 February 2014 February 2014 February 2014 February 2014	Quarterly Quarterly Quarterly Quarterly Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - Thames Region - North East Area	February 2014	Quarterly
Local Authority Landfill Coverage East Hertfordshire District Council - Environmental Health Department Hertfordshire County Council - County Development Unit	May 2000 May 2000	Not Applicable Not Applicable
Local Authority Recorded Landfill Sites East Hertfordshire District Council - Environmental Health Department Hertfordshire County Council - County Development Unit	May 2000 May 2000	Not Applicable Not Applicable
Registered Landfill Sites Environment Agency - Thames Region - North East Area	March 2003	Not Applicable
Registered Waste Transfer Sites Environment Agency - Thames Region - North East Area	March 2003	Not Applicable
Registered Waste Treatment or Disposal Sites Environment Agency - Thames Region - North East Area	March 2003	Not Applicable

Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	March 2014	Bi-Annually
Explosive Sites Health and Safety Executive	November 2013	Bi-Annually
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	November 2000	Not Applicable
Planning Hazardous Substance Enforcements Hertfordshire County Council - County Development Unit East Hertfordshire District Council	January 2013 September 2013	Annual Rolling Update Annual Rolling Update
Planning Hazardous Substance Consents Hertfordshire County Council - County Development Unit East Hertfordshire District Council	January 2013 September 2013	Annual Rolling Update Annual Rolling Update
Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	August 1996	Not Applicable
BGS Estimated Soil Chemistry British Geological Survey - National Geoscience Information Service	January 2010	Variable
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	April 2014	Bi-Annually
Brine Compensation Area Cheshire Brine Subsidence Compensation Board	August 2011	Not Applicable
Coal Mining Affected Areas The Coal Authority - Mining Report Service	December 2013	As notified
Mining Instability Ove Arup & Partners	October 2000	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	February 2011	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	October 2013	As notified
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	October 2013	As notified
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	October 2013	As notified
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	October 2013	As notified
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	October 2013	As notified
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	October 2013	As notified
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	July 2011	As notified
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	July 2011	As notified
Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	February 2014	Quarterly
Fuel Station Entries Catalist Ltd - Experian	March 2014	Quarterly

Sensitive Land Use	Version	Update Cycle
Areas of Adopted Green Belt East Hertfordshire District Council	February 2014	As notified
Areas of Unadopted Green Belt East Hertfordshire District Council	February 2014	As notified
Areas of Outstanding Natural Beauty Natural England	January 2014	Bi-Annually
Environmentally Sensitive Areas Natural England	July 2013	Annually
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	July 2013	Bi-Annually
Marine Nature Reserves Natural England	July 2013	Bi-Annually
National Nature Reserves Natural England	January 2014	Bi-Annually
National Parks Natural England	January 2014	Bi-Annually
Nitrate Sensitive Areas Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	February 2012	Not Applicable
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	February 2013	Annually
Ramsar Sites Natural England	July 2013	Bi-Annually
Sites of Special Scientific Interest Natural England	July 2013	Bi-Annually
Special Areas of Conservation Natural England	July 2013	Bi-Annually
Special Protection Areas Natural England	July 2013	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	
Centre for Ecology and Hydrology	
Countryside Council for Wales	
Scottish Natural Heritage	
Natural England	
Public Health England	
Ove Arup	
Peter Brett Associates	

Contact	Name and Address	Contact Details
1	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 08708 506 506 Email: enquiries@environment-agency.gov.uk
2	British Geological Survey - Enquiry Service 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
3	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmark.co.uk Website: www.landmarkinfo.co.uk
4	East Hertfordshire District Council Wallfields, Pegs Lane, Hertford, Hertfordshire, SG13 8EQ	Telephone: 01279 655261 Fax: 01992 552280 Website: www.eastherts.gov.uk
5	Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) Government Buildings, Otley Road, Lawnswood, Leeds, West Yorkshire, LS16 5QT	Telephone: 0113 2613333 Fax: 0113 230 0879
6	East Hertfordshire District Council - Environmental Health Department Wallfields, Pegs Lane, Hertford, Hertfordshire, SG13 8EQ	Telephone: 01992 531491 Website: www.eastherts.gov.uk
7	Hertfordshire County Council - County Development Unit County Hall, Hertford, Hertfordshire, SG13 8DN	Telephone: 01992 556266 Fax: 01992 556202 Website: www.hertsdirect.org
-	Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	Landmark Information Group Limited 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 / SEPA have a charging policy in place for enquiries.