

Screening

Sample Site, Sample Street, Anytown, UK

Professional opinion

7	

Contaminated Land Low-Moderate: Acceptable Risk page 12 >



Flooding

Negligible

Consultant's guidance and recommendations inside.

	Ground Stability Not identified	
Rn	Radon Passed	
F	Energy Identified	<u>page 28</u> >
	Planning Constraints	

page 36 >

page 24 >

Transportation Not identified

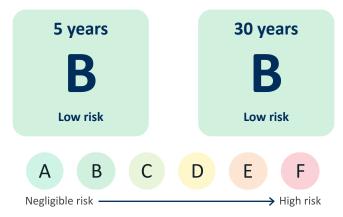
Identified

A full assessment of transportation is available in our Energy and Transportation report. Contact Groundsure or your search provider for further details.

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Physical risks

ClimateIndex[™] projects changes in physical risks from **flooding, ground stability** and **coastal erosion**. Please see **page 6** > for details and guidance.



Transition risks

ClimateIndex[™] covers transition risks including energy efficiency. Please see <u>page 7</u> > for details.

Contaminated land liability

Banking security

Is it likely that the property will represent acceptable banking security from a contaminated land perspective?

Yes

Statutory or 3rd party action

Is there a risk of statutory (e.g. Part 2A EPA 1990) or third party action being taken against the site?

Unlikely

Environmental liability

Is there a risk that the property value may be impacted due to contaminated land liability issues?

Unlikely



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Screening

Site Plan



Useful contacts

Luton Borough Council: http://www.luton.gov.uk/ feedback@luton.gov.uk 01582 546 000

Environment Agency National Customer Contact Centre (NCCC): <u>enquiries@environment-agency.gov.uk</u> ↗ 03708 506 506



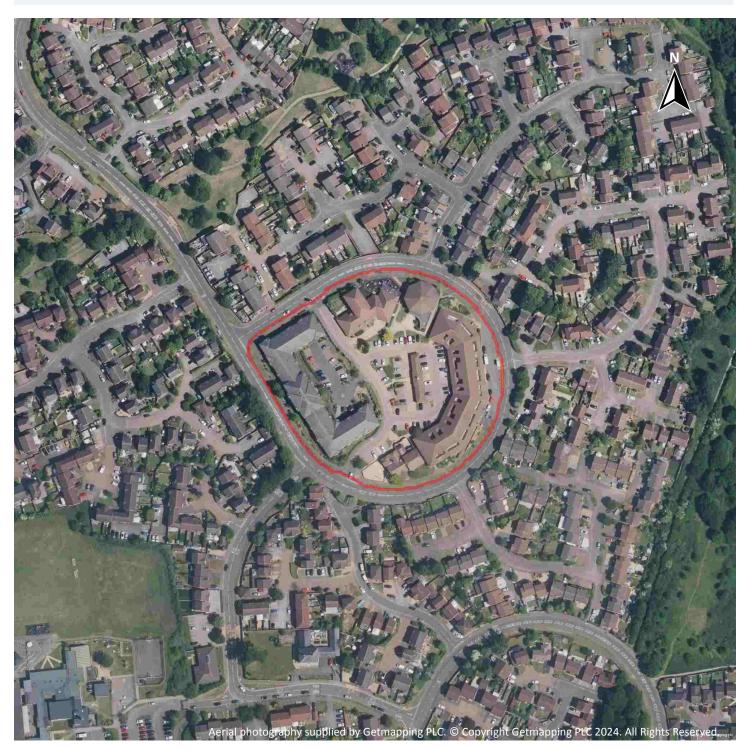
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Screening

Recent aerial photograph





Capture Date: 15/06/2022 Site Area: 1.66ha

Back to Summary

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Overview of findings and recommendations



Contaminated Land

Low-Moderate risk

Screening

Groundsure considers there to be an acceptable level of risk at the site from contaminated land liabilities.

If you require further advice with regards to this, please contact our customer services team on 01273 257 755 or e-mail at info@groundsure.com

More information on page 12 >



Negligible risk

National Planning Policy Framework (NPPF)

A full flood risk assessment will be required at the site in the event that it will be developed/redeveloped. The NPPF states that the flood risk assessment should identify and assess the risks of all forms of flooding to and from the development and demonstrate how these flood risks will be managed so that the development remains safe throughout its lifetime, taking climate change into account. Those proposing developments should take advice from the emergency services when producing an evacuation plan for the development as part of the flood risk assessment.

More information on page 24 >

Other considerations

These are next steps associated with non-environmental search returns on matters of energy facilities, transport infrastructure and planning constraints.



Identified

Wind

- use the details given in the report to find out more about the potential impacts on the property
- contact the operating company and the relevant Local Authority for further information
- visit the area in order to more accurately assess the impact this wind development would have on the property

Solar



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Screening

- use the details given in the report to find out more about the potential impacts on the property by contacting the operating company and/or Local Authority
- visit the area in order to more accurately assess the impact this solar farm would have on the property

More information on page 28 >



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Screening

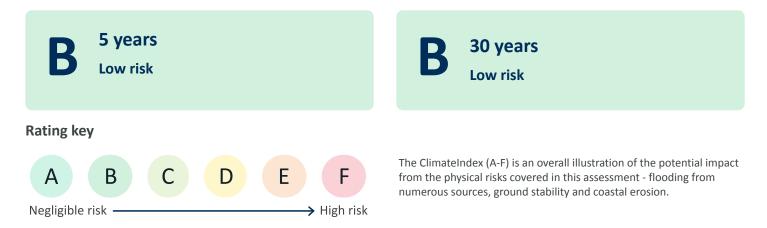
ClimateIndex[™] physical risks



Our ClimateIndex[™] provides a climate score for your property, and projects changes in physical risks from **flooding, natural ground stability and coastal erosion**. Climate change could have a significant medium to longer term impact on your property, which may be increasingly considered by your lender if you are arranging a mortgage. Physical risks are those that can cause direct damage or loss to your property but they can also give rise to transition risks such as impacting on the ability to insure or mortgage the property.

ClimateIndex™

The **risks with the greatest impact on the overall ClimateIndex™ are positioned first** in the list(s) below. Any risks that have not been identified at the site have been omitted.



ClimateIndex[™] guidance and next steps

Even though there are no further actions necessary at this time, the following links will help provide you with further information about the climate change risks dealt with in this report.

- <u>Click here</u> \nearrow for more information on climate change risks, our methodology and limitations
- See the <u>.GOV website</u> *¬* for updates on the governments policy on reaching Net Zero by 2050



Let's talk about climate

For more information on ClimateIndex[™] or our climate related recommendations call us on: 01273 257 755 See our <u>ClimateIndex[™] clauses</u> *¬* here for actionable guidance on risks associated with climate change



Contact us with any questions at: info@groundsure.com ↗ 01273 257 755



Screening

ClimateIndex™ transition risks

Energy Performance

Energy Performance Certificates (EPCs) rate the energy efficiency of buildings using grades from A+ to G, with 'A+' being the most efficient grade (this represents a 'Net Zero' non-domestic building) and 'G' the least efficient. They are designed to provide an estimate of energy costs associated with a building and an indication of how these can be reduced. When required, they should be made available to any prospective buyer or tenant. They are valid for exactly 10 years after the date lodged by the assessor. If your certificate is out of date it will need to be renewed when you wish to sell a property or let to a new tenant.

Multiple EPCs have been found relating to the property

If you require more detail or want to explore the recommendations for any of the EPCs listed, use the address provided and search using gov.uk's <u>find an energy certificate</u> \nearrow service.

5 Valid non-domestic EPCs have been found relating to the property

		Net z	ero C02													
A+	Under 0	Α	0-25	В	26-50	С	51-75	D	76-100	Е	101-125	F	12	6-150	G	Over 150
Add	ress			UPI	RN Building use Buildin g area									ilid until		
UNIT 6B BUSHMEAD SHOPPING CENTRE, HANCOCK DRIVE,, LU2 7SF 200002758557 Retail/Financial and Professional Services 64.0 sqm C						C 64	Αι	id igust i33								
	Bird And B e, LU2 7SF	ush, Ha	ancock	100081191708							414.0 sqm		C 53	Μ	th arch 132	
	10 Bushme tre, Hancoc						A1/A2 Retail and Financial/Professional services				155.0 sqm		C 51	Fe	h bruary 132	
	t 9, Bushmead Shopping 100081192280 tre, Hancock Drive, LU2 7SF) Ret					Retail/Financial and Professional Services		135.0 sqm		B 34	Αι	rd Igust 133		
9, Ha	9, Hancock Drive, LU2 7SF 100081009189			9 Ret	Retail/Financial and Professional Services				116.0 sqm		B 33		th June 32			



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Screening

36 Valid domestic EPCs have been found relating to the property

Α	92+	В	81-91	С	69-8	0	C	55-68	Е	39-54	F	21-38	G	1-20
Add	ress			UPRN		Prope type	rty	Buildin area	g	EPC rating	Valid	until	Pot rati	ential ng
7 The LU2 T	e Balcony, Ha 7SF	incock	Drive,	1000810	09187	Flat		106.0 s	qm	F 36	12th S 2031	eptember		D 65
10 TI LU2 1	he Balcony, H 7SF	lancoc	k Drive,	1000810	09190	Flat		83.0 sq	m	E 49	29th N	1arch 2032		E 52
2 The LU2	e Balcony, Ha 7SF	incock	Drive,	1000810	09182	Flat		63.0 sq	m	D 55	13th J	une 2033		C 69
6 The	e Balcony, Ha 7SF	incock	Drive,	1000810	09186	Maiso	nette	64.0 sq	m	D 62	22nd I	Vlay 2029		C 75
	E BALCONY, H 'E, LUTON, LL		ОСК	1000810	09183	Flat		78.0 sq	m	D 64	6th Ap	ril 2031		C 75
	USHMEAD CO COCK DRIVE,		N, LU2	1000103	37241	Flat		74.0 sq	m	C 74	5th Ap	ril 2031		C 77
	14, Bushmea cock Drive, Ll			2000027	58559	Flat		70.0 sq	m	C 74	24th Ja	anuary 2033		C 75
	36 Bushmeac cock Drive, Ll			1000103	37235	Flat		74.0 sq	m	C 75	14th J	une 2026		C 78
	29 Bushmead cock Drive, Ll			2000027	58574	Flat		62.0 sq	m	C 75	25th Ja	anuary 2028		C 78
	44 Bushmeac cock Drive, Ll		,	1000103	37239	Flat		52.0 sq	m	C 76	3rd Au	gust 2025		C 78
	50 Bushmead cock Drive, Ll			1000103	37242	Flat		67.0 sq	m	C 76	21st Fe	ebruary 2026		C 78
	21, Bushmea cock Drive, Ll			2000027	58566	Flat 74.0 sqm		m	C 76 11th April 2028		pril 2028		C 78	
	24 Bushmead cock Drive, Ll		,	2000027	58569	Flat 68.0 sqm		C 76	30th J	une 2025		C 78		
	37, Bushmea cock Drive, Ll			2000027	58578	Flat		79.0 sq	m	C 76	22nd I	March 2033		C 77
	39 Bushmeac cock Drive, Ll			2000027	/58579	Flat		75.0 sq	m	C 76	30th J	une 2025		C 80

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Screening

Address	UPRN	Property type	Building area	EPC rating	Valid until	Potential rating
Flat 34, Bushmead Court, Hancock Drive, LU2 7GY	10001037234	Flat	79.0 sqm	C 77	17th October 2032	C 79
Flat 42, Bushmead Court, Hancock Drive, LU2 7GY	10001037238	Flat	68.0 sqm	C 77	14th September 2031	C 79
Flat 15 Bushmead Court, Hancock Drive, LU2 7GY	200002758560	Flat	72.0 sqm	C 77	3rd September 2029	C 78
Flat 19, Bushmead Court, Hancock Drive, LU2 7GY	200002758564	Flat	67.0 sqm	C 77	30th January 2033	C 77
FLAT 20, BUSHMEAD COURT, HANCOCK DRIVE, LU2 7GY	200002758565	Flat	70.0 sqm	C 77	15th July 2031	C 78
Flat 49, Bushmead Court, Hancock Drive, LU2 7GY	200002758584	Flat	71.0 sqm	C 77	20th June 2033	C 77
Flat 62, Bushmead Court, Hancock Drive, LU2 7GY	200002758587	Flat	85.0 sqm	C 77	24th March 2034	C 77
Flat 46, Bushmead Court, Hancock Drive, LU2 7GY	10001037240	Flat	67.0 sqm	C 78	16th February 2033	C 79
Flat 17 Bushmead Court, Hancock Drive, LU2 7GY	200002758562	Flat	73.0 sqm	C 78	2nd June 2030	C 78
26 BUSHMEAD COURT, HANCOCK DRIVE, LUTON, LU2 7GY	200002758571	Flat	74.0 sqm	C 78	5th April 2031	C 78
Flat 33 Bushmead Court, Hancock Drive, LU2 7GY	200002758576	Flat	71.0 sqm	C 78	25th June 2028	C 78
Flat 43 Bushmead Court, Hancock Drive, LU2 7GY	200002758581	Flat	71.0 sqm	C 78	14th June 2026	C 80
Flat 47 Bushmead Court, Hancock Drive, LU2 7GY	200002758583	Flat	71.0 sqm	C 78	21st February 2026	C 79
Flat 32 Bushmead Court, Hancock Drive, LU2 7GY	10001037233	Flat	67.0 sqm	C 79	20th December 2028	C 79
16 BUSHMEAD COURT, HANCOCK DRIVE, LUTON, LU2 7GY	200002758561	Flat	66.0 sqm	C 79	13th November 2030	C 80
Flat 18 Bushmead Court, Hancock Drive, LU2 7GY	200002758563	Flat	76.0 sqm	C 79	16th December 2025	C 80
Flat 64 Bushmead Court, Hancock Drive, LU2 7GY	200002758589	Flat	79.0 sqm	C 79	16th December 2025	B 82



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Screening

Address	UPRN	Property type	Building area	EPC rating	Valid until	Potential rating
Flat 22, Bushmead Court, Hancock Drive, LU2 7GY	200002758567	Flat	71.0 sqm	C 80	14th October 2025	C 80
Flat 28 Bushmead Court, Hancock Drive, LU2 7GY	200002758573	Flat	59.0 sqm	B 81	11th July 2029	B 81
Flat 41, Bushmead Court, Hancock Drive, LU2 7GY	200002758580	Flat	76.0 sqm	B 81	28th November 2033	B 81
Flat 51, Bushmead Court, Hancock Drive, LU2 7GY	200002758585	Flat	85.0 sqm	B 83	15th October 2033	B 83

EPC calculations are partly based on observations made by the EPC assessor when visiting a property and partly on data and assumptions using the age and type of property. This means the EPC band may change irrespective of any improvement works undertaken, due to, for example, differing access or documentation being provided to the assessor during the visit. Additionally, the methodologies underpinning EPC calculations are updated periodically.

Leasing and energy efficiency regulations

Currently, the Minimum Energy Efficiency Standard (MEES) Regulations require all privately leased nondomestic properties being let in England and Wales to have a minimum EPC rating of E. Fines of between £10K-£150K may be issued per tenancy within a building that does not meet these requirements.

If the property has an EPC rating of F or G, the landlord should either improve the property to at least an EPC rating of E, or register an exemption, should one apply. <u>Click here</u> \nearrow for more detail on the types of exemptions available and how to register for them.

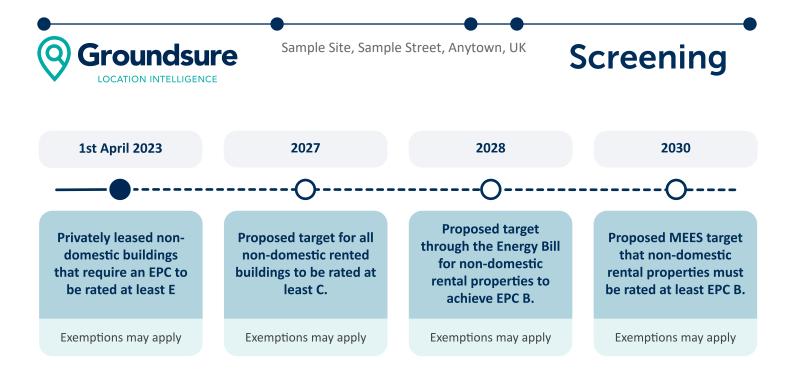
Green leases are agreements that put obligations on both the tenant and the landlord to improve the energy efficiency and overall environmental impact of a commercial property. More information relating to green leases can be found <u>here</u> \nearrow .

Given the general aspiration to move towards a net zero economy, tightening of the requirements imposed around energy efficiency should be anticipated and considered. Current government guidelines and proposals are summarised below:



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Screening



Low-Moderate risk

Summary

The Contaminated Land Assessment was completed using a detailed risk assessment designed by qualified Environmental Consultants.

Past Land Use	Low
Waste and Landfill	Low
Current and Recent Industrial	Low-Moderate

Next steps

Groundsure considers there to be an acceptable level of risk at the site from contaminated land liabilities.

If you require further advice with regards to this, please contact our customer services team on 01273 257 755 or e-mail at info@groundsure.com

Jump to <u>Consultant's Assessment</u> > <u>Past land use</u> > <u>Current and recent industrial</u> > <u>Superficial hydrogeology</u> > <u>Bedrock hydrogeology</u> > <u>Source Protection Zones and drinking water abstractions</u> > **Skip to next section: Flooding >**

You can find our methodology and list of limitations on page 42 >

Consultant's assessment

Environmental searches are designed to ensure that significant hazards and risks associated with this property are identified and considered alongside the investment in or purchase of a property. Please see **page 4** > for further advice.

Current and proposed land use

Current land use

Groundsure has been advised by the client (or their advisers) that the property is currently used as offices and retail.

Proposed land use

Groundsure has been advised that the property will be used as offices and retail.



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Screening

Historical land use

On-site

Potentially contaminative land uses of minor concern have been identified at the study site.

Surrounding area

No potentially contaminative land uses have been identified in proximity to the study site.

Site setting

Potentially vulnerable receptors have been identified including site users, residents of properties on site, the underlying aquifers noted to lie within a Source Protection Zone.

Conclusion

Groundsure has not identified a potential contaminant-pathway-receptor relationship that may give rise to significant environmental liability. Please refer to the Contaminated Land assessment methodology contained within this report.



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Screening

Contaminated land data summary



Past land use	On-Site	0-50m	50-250m
Former industrial land use (1:10,560 and 1:10,000 scale)	0	0	0
Former tanks	0	0	0
Former energy features	0	6	8
Former petrol stations	0	0	0
Former garages	0	0	0
Former military land	0	0	0

Waste and landfill	On-Site	0-50m	50-250m
Active or recent landfill	0	0	0
Former landfill (from Environment Agency Records)	0	0	0
Former landfill (from Local Authority and historical mapping records)	0	0	0
Waste site no longer in use	0	0	0
Active or recent licensed waste sites	0	0	0

Current and recent industrial	On-Site	0-50m	50-250m
Recent industrial land uses	0	2	4
Current or recent petrol stations	0	0	0
Historical licensed industrial activities	0	0	0
Current or recent licensed industrial activities	0	0	0
Local Authority licensed pollutant release	1	0	0
Pollutant release to surface waters	0	0	0
Pollutant release to public sewer	0	0	0
Dangerous industrial substances (D.S.I. List 1)	0	0	0
Dangerous industrial substances (D.S.I. List 2)	0	0	0
Dangerous or explosive sites	0	0	0
Hazardous substance storage/usage	0	0	0
Sites designated as Contaminated Land	0	0	0
Pollution incidents	0	0	0



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Screening

Contaminated land / Past land use





Former energy features

Energy features such as substations, transformers or power stations have been identified from high detailed historical Ordnance Survey maps dating from the mid to late 1800s to recent times. Structures like this can sometimes cause soil or groundwater contamination.

Please see **<u>page 4</u>** > for further advice.

Distance	Direction	Use	Date
11 m	S	Electricity Substation	1993
11 m	S	Electricity Substation	1994
12 m	S	Electricity Substation	1991
44 m	W	Electricity Substation	1993
44 m	W	Electricity Substation	1994



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Distance	Direction	Use	Date
45 m	W	Electricity Substation	1991
84 m	NE	Electricity Substation	1993
84 m	NE	Electricity Substation	1994
84 m	NE	Electricity Substation	1994
84 m	NE	Electricity Substation	1995
84 m	NE	Electricity Substation	1995
84 m	NE	Electricity Substation	1996
84 m	NE	Electricity Substation	1996
178 m	SE	Electricity Substation	1991

This data is sourced from Ordnance Survey/Groundsure.



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Screening

Contaminated land / Current and recent industrial





Recent industrial land uses

These records show details of businesses that have recently operated, or are currently operating in the area. Depending on the type of activities taking place, some of these businesses could present a risk of contamination.

Please see **<u>page 4</u>** > for further advice.

ID	Distance	Direction	Company / Address	Activity	Category
2	12 m	S	Electricity Sub Station - Bedfordshire, LU2	Electrical Features	Infrastructure and Facilities
3	44 m	W	Electricity Sub Station - Bedfordshire, LU2	Electrical Features	Infrastructure and Facilities
4	93 m	Ν	Electricity Sub Station - Bedfordshire, LU2	Electrical Features	Infrastructure and Facilities



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ID	Distance	Direction	Company / Address	Activity	Category
5	96 m	SW	Bedfordshire Clearances - 6, Edkins Close, Luton, Bedfordshire, LU2 7SS	Waste Storage, Processing and Disposal	Infrastructure and Facilities
6	134 m	SW	Autotune - 35, Kidner Close, Luton, Bedfordshire, LU2 7SX	Vehicle Repair, Testing and Servicing	Repair and Servicing

This data is sourced from Ordnance Survey.

Local Authority licensed pollutant release

Industrial facilities that release pollutants to the environment (air, land or water) may be regulated by the Local Authority and hold a Part A(2) or Part B process authorisation or licence. These processes could include the burning of waste oils, paint spraying and petrol vapour recovery. There could be a risk of ground contamination if harmful materials associated with these processes are not stored and handled correctly.

Please see **<u>page 4</u>** > for further advice.

ID	Distance	Direction	Address	Local Authority	Processes Undertaken	Permit Type	Details of Enforcement
1	0	on site	Clean and Klick, Hancock Drive, LU2 7SF	Luton Borough Dry Cleaning Council		Part B	Enforcement: No Enforcements Notified Date of Enforcement: No Enforcements Notified Comment: No Enforcements Notified

This data is sourced from Local Authorities.



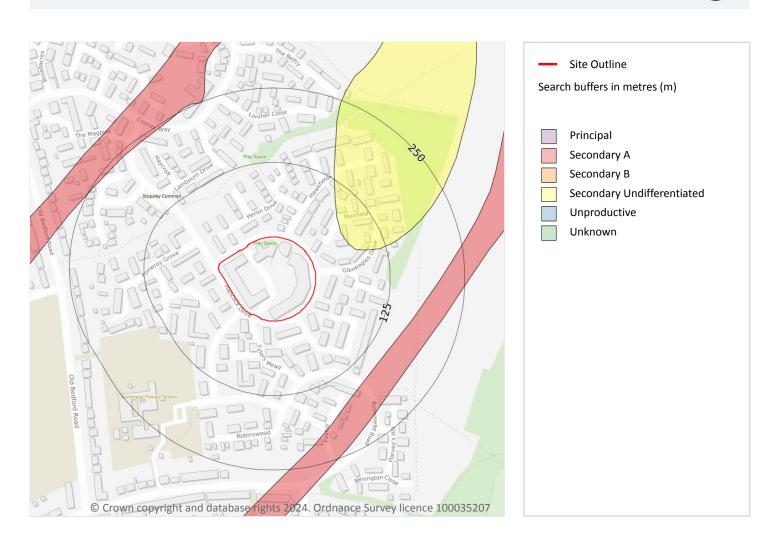
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Screening

Superficial hydrogeology



Aquifers within superficial geology

The Environment Agency/Natural Resources Wales and the British Geological Survey have assigned designations or types to the aquifers that exist within superficial geology. These designations reflect the importance of aquifers in terms of groundwater as a resource (eg drinking water supply) but also their role in supporting surface water flows and wetland ecosystems.

Principal - These are layers of rock or superficial deposits that usually provide a high level of water storage.

Secondary A - Permeable layers capable of supporting water supplies at a local rather than strategic scale.

Secondary B - Predominantly lower permeability layers which may store and yield limited amounts of groundwater.

Secondary Undifferentiated - Has been assigned in cases where it has not been possible to attribute either category A or B to a rock type.

Unproductive - These are rock layers with low permeability that have negligible significance for water supply.

Unknown - These are rock layers where it has not been possible to classify the water storage potential.



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Distance	Direction	Designation
67 m	NE	Secondary Undifferentiated
154 m	SE	Secondary A

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



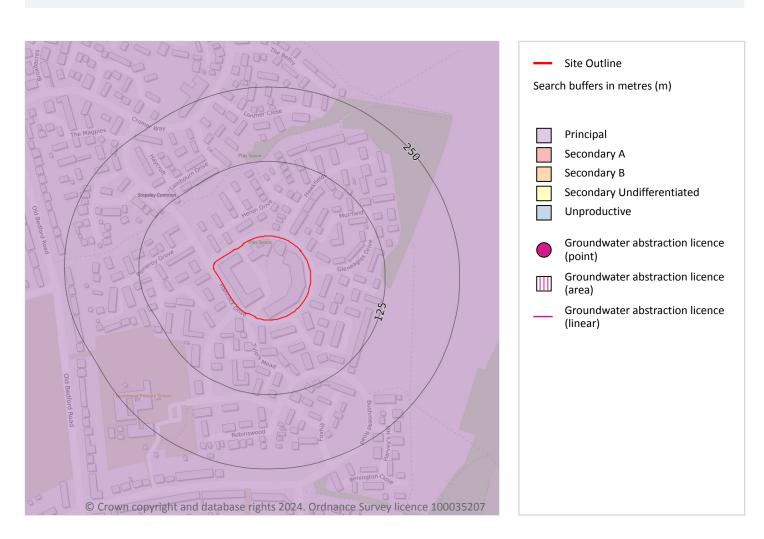
Contact us with any questions at: info@groundsure.com ↗ 01273 257 755





Screening

Bedrock hydrogeology



Aquifers within bedrock geology

The Environment Agency/Natural Resources Wales and the British Geological Survey have assigned designations or types to the aquifers that exist within bedrock geology. These designations reflect the importance of aquifers in terms of groundwater as a resource (eg drinking water supply) but also their role in supporting surface water flows and wetland ecosystems.

Principal - These are layers of rock or superficial deposits that usually provide a high level of water storage.

Secondary A - Permeable layers capable of supporting water supplies at a local rather than strategic scale.

Secondary B - Predominantly lower permeability layers which may store and yield limited amounts of groundwater.

Secondary Undifferentiated - Has been assigned in cases where it has not been possible to attribute either category A or B to a rock type.

Unproductive - These are rock layers with low permeability that have negligible significance for water supply.



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Screening

Distance	Direction	Designation
0	on site	Principal

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

Bedrock geology

Bedrock geology is a term used for the main mass of rocks forming the Earth and is present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water. This information comes from the BGS 1:50,000 Digital Geological Map of Great Britain, where available.

Description	BGS LEX Code	Rock Type
HOLYWELL NODULAR CHALK FORMATION AND NEW PIT CHALK FORMATION (UNDIFFERENTIATED)	HNCK-CHLK	CHALK

This data is sourced from British Geological Survey.



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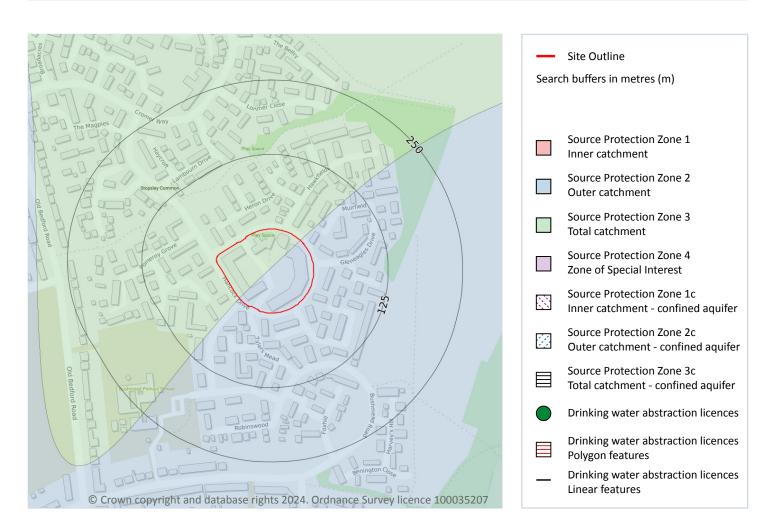




Screening

Source Protection Zones and drinking water abstractions





Source Protection Zones

The Environment Agency / Natural Resources Wales has defined Source Protection Zones (SPZs) for groundwater sources such as wells, boreholes and springs used for public drinking water supply. These zones show the risk of contamination from any activities that might cause pollution in the area. The closer the activity, the greater the risk. There are three main zones (inner (SPZ 1), outer (SPZ 2) and total catchment (SPZ 3)) and a fourth zone of special interest.

Distance	Direction	Details
0	on site	Zone: 2 Description: Outer catchment
0	on site	Zone: 3 Description: Total catchment

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





Screening



Negligible risk

Summary

No significant concerns have been identified as a result of the flood risk searches. No action required.

Further explanation of flood risk assessment can be seen in the Flood information on **page 42** >.

River and Coastal Flooding Groundwater Flooding Surface Water Flooding FloodScore™ insurance rating Past Flooding Flood Storage Areas NPPF Flood Risk Assessment required if site redeveloped?

Very Low Low Negligible Very Low

Not identified Not identified

Yes

Next steps

National Planning Policy Framework (NPPF)

A full flood risk assessment will be required at the site in the event that it will be developed/redeveloped. The NPPF states that the flood risk assessment should identify and assess the risks of all forms of flooding to and from the development and demonstrate how these flood risks will be managed so that the development remains safe throughout its lifetime, taking climate change into account. Those proposing developments should take advice from the emergency services when producing an evacuation plan for the development as part of the flood risk assessment.

Jump to

Flood risk (5 and 30 years) >

Skip to next section: Environmental >

You can find our methodology and list of limitations on page 42 >



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Screening

Climate change / Flood risk (5 and 30 Years)

The baseline or current flood risk assessment on this property is based on climatic conditions today. If present, the associated flood maps (and other relevant datasets) are visualised in the flood risk section. However, climate change is expected to increase the frequency and severity of weather events that could increase the risk of flooding. Rising sea levels due to climate change could also contribute to increased flood risk in coastal properties.

Ambiental Risk Analytics provides flood risk data that can project the risk from river, coastal and surface water flooding in the future for a range of emissions scenarios (Low emissions - RCP 2.6, medium emissions - RCP 4.5, and high emission - RCP 8.5).

Groundsure uses this data, as well as other data assets within our ClimateIndex[™] calculator to determine an overall assessment of climate change physical risks to the property. For example, the combined effect of 'moderate' assessments over multiple physical risks could result in a higher ClimateIndex[™] overall than that of a single moderate assessment.

More information about our methodology and limitations is available here: <u>knowledge.groundsure.com/methodologies-and-limitations</u> **7**.

Climate change scenario	River/coastal flood depth (cm)		Surface water flood depth (cm)		
	5 years	30 years	5 years	30 years	
Low emissions	< 20	< 20	20-40	20-40	
Medium emissions	< 20	< 20	20-40	20-40	
High emissions	< 20	< 20	20-40	20-40	

This data is sourced from Ambiental Risk Analytics.



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Screening



Ground stability

No significant concerns have been identified as a result of the ground stability searches. No action required.

Natural Ground Stability

Negligible-Very low Not identified

Non-Natural Ground Stability

Rn P

Radon

Local levels of radon are considered normal. However, if an underground room makes up part of the accommodation, the property should be tested regardless of radon Affected Area status.

Not in a radon affected area

Jump to Natural ground instability (5 and 30 Years) >

Skip to next section: Energy >

You can find our methodology and list of limitations on page 42 >

Climate change / Ground stability (5 and 30 Years)

The British Geological Survey (BGS) has created data designed to show the likelihood of an increase in risk from shrink swell subsidence hazards as a result of climate change. When certain soils take in water they can swell, causing heave. Conversely, when these soils dry out they can shrink and cause subsidence. Climate change is likely to result in higher temperatures and therefore likely to cause periods of drought and an increase in shrink swell subsidence.

This data has been produced using the Met Office local projections to accurately model predicted rainfall, using the high emissions climate change scenario (RCP 8.5).

Groundsure uses this data, as well as other data assets within our ClimateIndex[™] calculator to determine an overall assessment of climate change physical risks to the property. For example, the combined effect of 'moderate' assessments over multiple physical risks could result in a higher ClimateIndex[™] overall than that of a single moderate assessment.

More information about our methodology and limitations is available here: <u>knowledge.groundsure.com/methodologies-and-limitations</u> \nearrow .

Rainfall scenario	High rainfall		Average rainfall		Lower rainfall			
	5 years	30 years	5 years	30 yea	ars	5 years	30 years	
Back to Summary		Contact us with any or info@groundsure.com 01273 257 755			Your ref:	ple_Screening Sample_Screenir 123456 123456	ng	26





Rainfall scenario	High rainfall		Average rainfall		Lower rainfall	
Likelihood of increased risk	Highly	Highly	Highly	Highly	Highly	Highly
	unlikely	unlikely	unlikely	unlikely	unlikely	unlikely

This data is sourced from the British Geological Survey



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Screening

Energy

Identified

Oil and gas

No historical, active or planned wells or extraction areas have been identified near the property.	Oil and gas areas Oil and gas wells	Not identified Not identified	
Wind and Solar			
Our search of existing and planned renewable wind and solar infrastructure has identified results.	Planned Multiple Wind Turbines	Not identified	
	Planned Single Wind Turbines	Identified	
Please see page 4 > for further advice. Additionally, see	Existing Wind Turbines	Not identified	
page 30 > for details of the identified issues.	Proposed Solar Farms	Identified	
	Existing Solar Farms	Identified	

Our search of major energy transmission or generation infrastructure and nationally significant infrastructure projects has not identified results. Power stations Energy Infrastructure Projects Not identified Not identified Not identified

Next steps

Wind

Existing or proposed wind installations have been identified within 5km.

- use the details given in the report to find out more about the potential impacts on the property
- contact the operating company and the relevant Local Authority for further information
- visit the area in order to more accurately assess the impact this wind development would have on the property

Solar

Existing or proposed solar installations have been identified within 5km of the property.

- use the details given in the report to find out more about the potential impacts on the property by contacting the operating company and/or Local Authority
- visit the area in order to more accurately assess the impact this solar farm would have on the property

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Jump to <u>Wind and solar</u> > <u>Skip to next section: Transport</u> >

You can find our methodology and list of limitations on page 42 >

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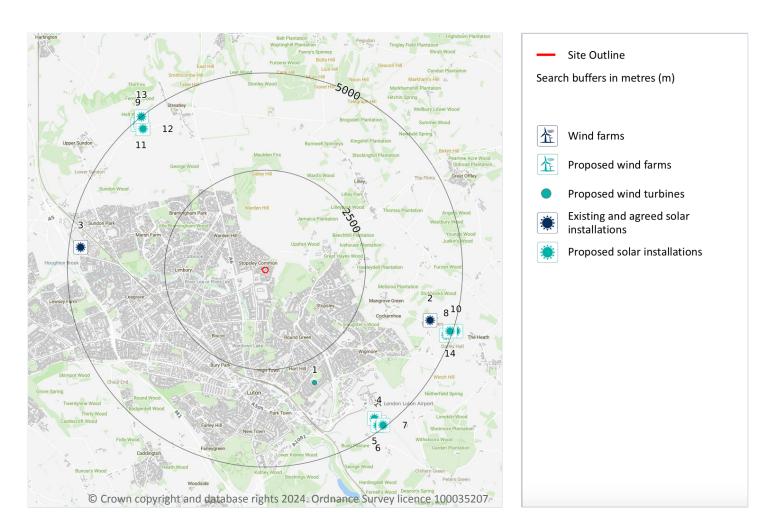
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Screening

Energy / Wind and solar



Proposed wind turbines

Planning applications for individual wind turbines have been proposed within 5,000m of the property. See below for details of the operating company, number of turbines, project and turbine capacity.

Please note some planning applications identified as having been refused may have subsequently been granted on appeal without appearing as such within this report. Additionally, please be aware that as the identified records are taken from a planning record archive, the proposals identified may have already been undertaken.

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Screening

ID	Distance	Direction	Details	
1	3-4 km	SE	Site Name: Crawley Green Infant School, 47 Beaconsfield, Luton, Luton, Bedfordshire, LU2 ORW Planning Application Reference: 07/01827/FUL Type of Project: Wind Turbine	Application Date: 2007-11-27 Planning Stage: Plans Approved Detail Plans Granted Project Details: Scheme comprises construction of 1 wind turbine mounted on a 15m high mast, with associated works and 1 solar array. Approximate Grid Reference: 510592, 221607

This information is derived from planning data supplied by Glenigan, in some cases with further accuracy applied by Groundsure's experts. This search includes planning applications for single wind turbines only, within 5,000m of the property. This data is updated on a quarterly basis.

If the existence of a planning application, passed or refused, may have a material impact with regard to the decision to purchase the property, Groundsure recommends independent, thorough enquiries are made with the Local Authority. If any applications have been identified within this report, Groundsure have included the planning reference to enable further enquiries to be made.

Existing and agreed solar installations

There is an operational or planned solar photovoltaic farm or smaller installation located near the property.

Please note this will not include small domestic solar installations. See below for details on installed capacity, operating company and the status of the project on a given date.

ID	Distance	Direction	Address	Details	
2	4-5 km	Ε	Wandon End - Solar Farm & Battery Storage, Ne/O Wandon End, Luton, LU2 8PU	Contractor: EPL 002 Limited LPA Name: North Herts Council Capacity (MW): 49.9	Application Date: 05/01/2023 Pre Consent Status: Planning Application Submitted Post Consent Status: Application Submitted Date Commenced: -
3	4-5 km	W	Vauxhall Motors, Vauxhall Motors, Luton Road, Chalton, Luton, LU4 9TT	Contractor: Perpetum Sun LPA Name: Central Bedfordshire Council Capacity (MW): 5	Application Date: 21/09/2015 Pre Consent Status: Abandoned Post Consent Status: Abandoned Date Commenced: -

The solar installation data is supplied by the Department for Business, Energy & Industrial Strategy and is updated on a monthly basis.



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Screening

Proposed solar installations

There is a planning permission application relating to a solar farm or smaller installation near to the property.

Please note this will not include small domestic solar installations and that one site may have multiple applications for different aspects of their design and operation. Also note that the presence of an application for planning permission is not an indication of permission having been granted. Please be aware that as the identified records are taken from a planning record archive, the proposals identified may have already been undertaken. See below for details of the proposals.

ID	Distance	Direction	Address	Details	
4	4-5 km	SE	London Luton Airport, Airport Way, Luton	Applicant name: Marc Wolman Application Status: GPDO consultation Application Date: 07/11/2023 Application Number: 23/01314/GPDOPD	Consultation under Schedule 2 Part 8 Class F of the Town and Country Planning (General Permitted Development) Order 2015 - London Luton Airport to construct a solar farm, London Luton Airport (LLA).
5	4-5 km	SE	London Luton Airport, Airport Way, Luton	Applicant name: Marc Wolman Application Status: Screening Opinion Application Date: 17/07/2023 Application Number: 23/00906/EIASCR	Request for screening pursuant to Regulation 6 of the Town and Country Planning (Environmental Impact Assessment) (England) Regulations 2017 (as amended) - construction of a solar farm within operational area of London Luton Airport (LLA)
6	4-5 km	SE	Land South of Luton Airport, Luton	Applicant name: None Application Status: EIA - Screening Opinion Application Date: 18/07/2023 Application Number: CB/23/02381/SCN	SCN EIA Screening Opinion: installation of a Solar Farm
7	4-5 km	SE	London Luton Airport, Airport Way, Luton	Applicant name: Marc Wolman Application Status: GPDO consultation Application Date: 17/07/2023 Application Number: 23/00905/GPDOPD	Consultation under Schedule 2 Part 8 Class F of the Town and Country Planning (General Permitted Development) Order 2015 - London Luton Airport to construct a solar farm within the operational area of London Luton Airport (LLA).



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Screening

ID	Distance	Direction	Address	Details	
8	4-5 km	Ε	Land North East Of Wandon End, Hertfordshire	Applicant name: Luton Borough Council Application Status: Adjoining Authorities Consultation Application Date: 19/01/2024 Application Number: 24/00123/ADJ	Underground cables proposed under Eaton Green Road to connect to an existing sub-station (located in Luton Councils administrative area) and to a proposed solar farm within 106 hectares with associated access, landscaping, battery storage and ancillary infrastructure (located in North Hertfordshire District Councils administrative area)(Cross Boundary Application)(EIA development) NORTH HERTS DISTRICT COUNCIL: ADJACENT AUTHORITY : CONSULTEE ONLY
9	4-5 km	NW	Sundon Reservoir, Streatley Road, Sundon	Applicant name: Mr Stephane Pochet Application Status: Variation of Condition Application Date: 11/08/2023 Application Number: CB/23/02682/VOC	Variation of condition numbers 2, 4, 5, 7, 8, 15 and 16 of planning permission CB/21/04277/FULL (Installation of conditioning plant and buildings, to include widening of existing access at reservoir site and solar photovoltaic panels with all associated works.) Variation sought to silo colours, change to previously agreed plans, layout, landscaping, vehicular access, ecological enhancement, biodiversity and drainage.
10	4-5 km	E	Land North East Of Wandon End, Eaton Green Road, Luton	Applicant name: EPL 002 Limited Application Status: Full app with Environ. Statement Application Date: 13/12/2023 Application Number: 22/01657/FULEIA	Underground cables proposed under Eaton Green Road to connect to an existing sub-station (located in Luton Councils administrative area) and to a proposed solar farm within 106 hectares with associated access, landscaping, battery storage and ancillary infrastructure (located in North Hertfordshire District Councils administrative area)(Cross Boundary Application)(EIA development)



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Screening

ID	Distance	Direction	Address	Details	
11	4-5 km	m NW Sundon Reservoir, Streatley Road, Sundon, LU3 3PH		Applicant name: Affinity Water Application Status: Discharge of Condition Application Date: 01/05/2024 Application Number: CB/24/01279/DOC	Discharge of Condition 1 against planning permission ref. CB/23/02682/VOC (Variation of condition numbers 2, 4, 5, 7, 8, 15 and 16 of planning permission CB/21/04277/FULL (Installation of conditioning plant and buildings, to include widening of existing access at reservoir site and solar photovoltaic panels with all associated works.) Variation sought to silo colours, change to previously agreed plans, layout, landscaping, vehicular access, ecological enhancement, biodiversity and drainage.)
12	4-5 km	NW	Sundon Reservoir, Streatley Road, Sundon	Applicant name: No Details Application Status: Registered Application Date: 09/11/2021 Application Number: CB/21/04277/FULL	Installation of conditioning plant and buildings, to include widening of existing access at reservoir site and solar photovoltaics panels with all associated works.
13	4-5 km	NW	Sundon Reservoir, Streatley Road, Sundon	Applicant name: No Details Application Status: Discharge of Condition Application Date: 22/07/2022 Application Number: CB/22/02980/DOC	Discharge of Conditions 7 and 8 against planning permission CB/21/04277/FULL (Installation of conditioning plant and buildings, to include widening of existing access at reservoir site and solar photovoltaics panels with all associatedworks)
14	4-5 km	Ε	Land North East Of Wandon End, Hertfordshire	Applicant name: Epl 002 Limited Application Status: Full Planning Permission Application Date: 05/01/2023 Application Number: 22/03231/FP	Proposed solar farm within 106 hectares with associated access, landscaping, battery storage and ancillary infrastructure

The data is sourced from public registers of planning information and is updated every two weeks.



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The property has not been identified to lie within the specified distance of one or more of the transportation features detailed below.

If required, full details on these transportation features including a detailed location plan relative to the property are available when you purchase a Groundsure Energy and Transportation Report via your preferred searches provider.



No results for Phase 1 or Phase 2 of the HS2 project (including the 2016 amendments) have been identified within 5km of the property. However, HS2 routes are still under consultation and exact alignments may change in the future.

Visual assessments are only provided by Groundsure if the property is within 2km of Phase 1 and 2a. Other assessments may be available from HS2.

HS2 Route	Not identified
HS2 Safeguarding	Not identified
HS2 Stations	Not identified
HS2 Depots	Not identified
HS2 Noise	Not assessed
HS2 Visual impact	Not assessed

Screening



Crossrail

The property is not within 250 metres of either the Crossrail 1 or Crossrail 2 project.

Crossrail 1 Route	I
Crossrail 1 Stations	
Crossrail 2 Route	
Crossrail 2 Stations	
Crossrail 2 Worksites	
Crossrail 2 Safeguarding	
Crossrail 2 Headhouse	

Not identified Not identified Not identified Not identified Not identified Not identified Not identified

Other Railways

The property is not within 250 metres of any active or former railways, subway lines, DLR lines, subway stations or railway stations.

Active Railways and Tunnels	Not identified
Historical Railways and	Not identified
Tunnels	
Railway and Tube Stations	Not identified
Underground	Not identified



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Areas



Summary

of the property.

Visual and Cultural Protected Not identified

Environmental Protected Areas Identified

Identified

Screening

Please see **page 37** > for details of the identified issues. Jump to

Planning constraints >

You can find our methodology and list of limitations on page 42 >

Protected areas have been identified within 250 metres



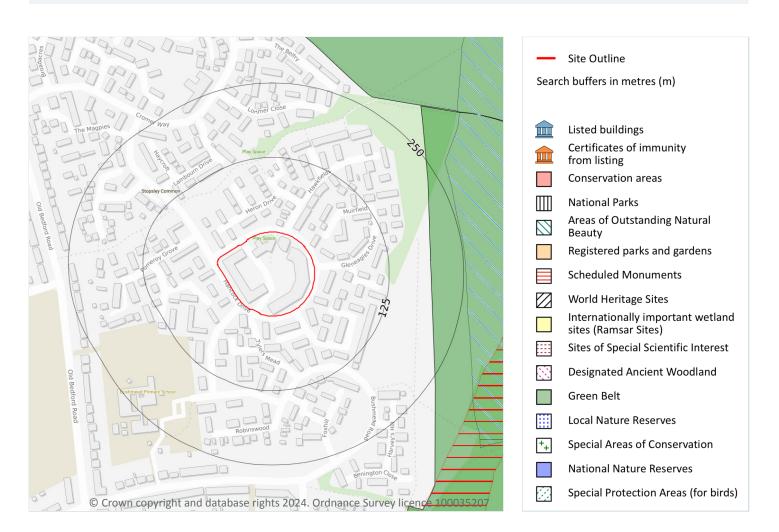
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Screening

Planning constraints



Green Belt

Green Belts are intended to prevent inappropriate development by keeping certain areas of land open. The fundamental purpose of Green Belt is to prevent continued growth and merging of urban areas, hence the majority of Green Belt land being located on the fringe of large towns and cities, extending into the countryside. Whilst development can happen in the Green Belt, it should be subject to greater controls on the type and size of the development. However, the presence of a Green Belt designation is not in itself a complete barrier to development and the Local Plan should be consulted if a purchaser is concerned about any potential development in these areas.

Distance	Direction	Green Belt Name			Data Source		
195 m	E	London		Luton			
•			•		•	•	
Ba	<u>ck to Summ</u>	lary	Contact us with any questions at: info@groundsure.com オ 01273 257 755		Ref: Sample_Screening Your ref: Sample_Screening Grid ref: 123456 123456	37	



Screening

This data is sourced from Local Authorities (Green Belt data contains Ordnance Survey data © Crown copyright and database right 2024). For more information please see https://www.gov.uk/guidance/national-planning-policy-framework/9-protecting-green-belt-land



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Screening

Datasets searched

This is a full list of the data searched in this report. If we have found results of note we will state "Identified". If no results of note are found, we will state "Not identified". Our intelligent filtering will hide "Not identified" sections to speed up your workflow.

Contaminated Land		Contaminated Land	
Former industrial land use (1:10,560 and 1:10,000 scale)	Not identified	Dangerous industrial substances (D.S.I. List 1)	Not identified
Former tanks	Not identified	Dangerous industrial substances (D.S.I.	Not identified
Former energy features	Identified	List 2)	
Former petrol stations	Not identified	Pollution incidents	Not identified
Former garages	Not identified	Superficial hydrogeology	
Former military land	Not identified	Aquifers within superficial geology	Identified
Former landfill (from Local Authority and historical mapping records)	Not identified	Superficial geology	Not identified
Waste site no longer in use	Not identified	Bedrock hydrogeology	
Active or recent landfill	Not identified	Aquifers within bedrock geology	Identified
Former landfill (from Environment Agency	Not identified	Groundwater abstraction licences	Not identified
Records) Active or recent licensed waste sites	Not identified	Bedrock geology	Identified
Recent industrial land uses	Identified	Source Protection Zones and drinking	water
Current or recent petrol stations	Not identified	abstractions	
Dangerous or explosive sites	Not identified	Source Protection Zones	Identified
Hazardous substance storage/usage	Not identified	Source Protection Zones in confined	Not identified
	Not identified	aquifer	
Sites designated as Contaminated Land	Not identified	aquiter Drinking water abstraction licences	Not identified
		Drinking water abstraction licences	Not identified
Sites designated as Contaminated Land Historical licensed industrial activities Current or recent licensed industrial	Not identified		Not identified
Sites designated as Contaminated Land Historical licensed industrial activities	Not identified Not identified	Drinking water abstraction licences	Not identified Not identified
Sites designated as Contaminated Land Historical licensed industrial activities Current or recent licensed industrial	Not identified Not identified	Drinking water abstraction licences Hydrology	
Sites designated as Contaminated Land Historical licensed industrial activities Current or recent licensed industrial activities Local Authority licensed pollutant	Not identified Not identified Not identified	Drinking water abstraction licences Hydrology Water courses from Ordnance Survey	Not identified

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Screening

Flooding	
Flood storage areas: part of floodplain	Not identified
Historical flood areas	Not identified
Reduction in Risk of Flooding from Rivers and Sea due to Defences	Not identified
Flood defences	Not identified
Proposed flood defences	Not identified
Surface water flood risk	Not identified
Groundwater flooding	Not identified
Climate change	
Flood risk (5 and 30 Years)	Identified
Ground stability (5 and 30 Years)	Identified
Natural ground subsidence	
Natural ground subsidence	Not identified
Natural geological cavities	Not identified
Non-natural ground subsidence	
Coal mining	Not identified
Non-coal mining	Not identified
Mining cavities	Not identified
Infilled land	Not identified
Radon	
Radon	Not identified
Coastal Erosion	
Complex cliffs	Not identified
Projections with active management or intervention measures in place	Not identified
Projections with no active management plan or intervention	Not identified

Oil and gas	
Oil or gas drilling well	Not identified
Proposed oil or gas drilling well	Not identified
Licensed blocks	Not identified
Potential future exploration areas	Not identified
Wind and solar	
Wind farms	Not identified
Proposed wind farms	Not identified
Proposed wind turbines	Identified
Existing and agreed solar installations	Identified
Proposed solar installations	Identified
Energy	
Electricity transmission lines and pylons	Not identified
National Grid energy infrastructure	Not identified
Power stations	Not identified
Nuclear installations	Not identified
Large Energy Projects	Not identified
Planning constraints	
Sites of Special Scientific Interest	Not identified
Internationally important wetland sites (Ramsar Sites)	Not identified
Special Areas of Conservation	Not identified
Special Protection Areas (for birds)	Not identified
National Nature Reserves	Not identified
Local Nature Reserves	Not identified
Designated Ancient Woodland	Not identified
Green Belt	Identified
World Heritage Sites	Not identified



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Planning constraints					
Areas of Outstanding Natural Beauty	Not identified				
National Parks	Not identified				
Conservation Areas	Not identified				
Listed Buildings	Not identified				
Certificates of Immunity from Listing	Not identified				
Scheduled Monuments	Not identified				
Registered Parks and Gardens	Not identified				



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Screening

Methodologies and limitations

Groundsure's methodologies and limitations are available here: <u>knowledge.groundsure.com/methodologies-and-limitations</u> 7.

Data providers

Groundsure works with respected data providers to bring you the most relevant and accurate information in your Screening report. To find out who they are and their areas of expertise see <u>www.groundsure.com/sources-reference</u> **7**.

Conveyancing Information Executive and our terms & conditions

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- a charity with an annual income of less than £3 million;
- a Trust with a net asset value of less than £3 million.

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If you have a query or complaint about your search, you should raise it directly with the search firm, and if appropriate ask for any complaint to be considered under their formal internal complaints procedure.

If you remain dissatisfied with the firm's final response, after your complaint has been formally considered, or if the firm has exceeded the response timescales, you may refer your complaint for consideration under The Property Ombudsman scheme (TPOs). The Ombudsman can award up to £5,000 to you if the Ombudsman finds that you have suffered actual financial loss and/or aggravation, distress or inconvenience as a result of your search provider failing to keep to the Standards.

Please note that all queries or complaints regarding your search should be directed to your search provider in the first instance, not to TPOs.

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- acknowledge it within 5 working days of receipt
- normally deal with it fully and provide a final response, in writing, within 20 working days of receipt
- liaise, at your request, with anyone acting formally on your behalf

Complaints should be sent to:

Operations Director, Groundsure Ltd, Nile House, Nile Street, Brighton, BN1 1HW. Tel: 01273 257 755. Email: <u>info@groundsure.com</u> If you are not satisfied with our final response, or if we exceed the response timescales, you may refer the complaint to The Property Ombudsman scheme (TPOs): Tel: 01722 333306, E-mail: <u>admin@tpos.co.uk</u> I We will co-operate fully with the Ombudsman during an investigation and comply with their final decision.

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