

## Search Details

**Prepared for:** Parsonage & Co Solicitors

**Matter:** 6015

**Client address:** First Floor, 4 The Causeway, Teddington, Middlesex, TW11 0HE

### Property:

24 Church Lane, Teddington, TW11 8PA

### Data Supplier:

Groundsure

Sovereign House, Church Street, Brighton, BN1 1UJ

**Date Returned:**  
18/12/2019

**Property type:**  
Residential

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24, Church Lane, Teddington, TW11 8PA

## Professional opinion

Addresses the Law Society practice notes on Contaminated Land and Flood risk.



**Contaminated Land Liability**  
Passed



**Flood Risk**  
Moderate

page 5

## Further guidance



**Ground Stability**  
Identified

page 5



**Radon**  
Passed



**Energy**  
Identified

page 11



**Transportation**  
Identified

page 16



**Planning Constraints**  
Not identified

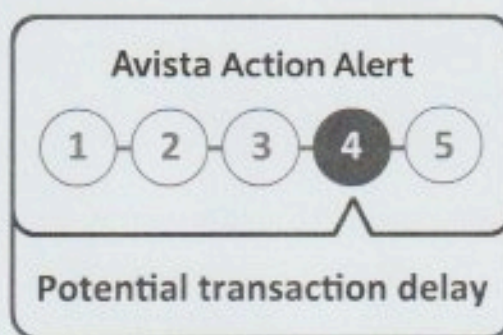


**Planning Applications**  
37

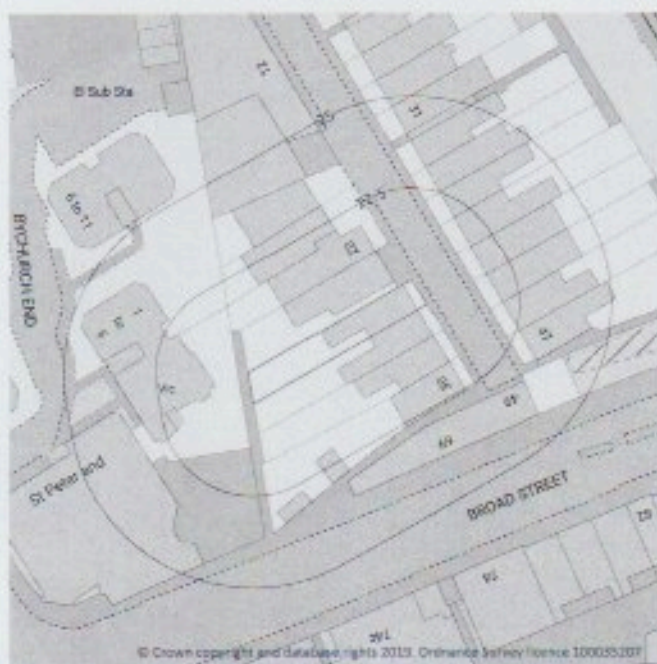
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## Next steps indicator

Based on time, costs and complexity of proposed next steps relating to all sections of the report.



## Site Plan



## Useful contacts

London Borough of Richmond upon Thames:

<http://www.richmond.gov.uk/>

[customer.services@richmond.gov.uk](mailto:customer.services@richmond.gov.uk)

08456 122 660

Environment Agency National Customer

Contact Centre (NCCC):

[enquiries@environment-agency.gov.uk](mailto:enquiries@environment-agency.gov.uk)

03708 506 506

## Avista Action Alert 4

### Overview of findings and recommendations

To save you time when assessing the report, we only provide maps and data tables of features within the search radius that we have identified to be of note. These relate to environmental risks that may have liability implications, affect insurance premiums, property values and/or a lender's willingness to lend.

You can view the fully comprehensive library of information we have searched on **page 27**.



### Flood Risk

#### Flood risk

An elevated level of flood risk has been identified at the property. Key recommended next steps:

- check to see if the property is eligible for the Flood Re scheme, which enables many properties at risk of flooding to be insured at reasonable rates: <http://www.floodre.co.uk/homeowner/about-us/>
- investigate the insurance on offer for the property to ensure any implications on premiums are fully understood before completion
- a risk of groundwater flooding has been identified at the site. This will be more of an issue for properties with a basement or other section below ground. Further advice on groundwater flooding has been produced by the Environment Agency and the Local Government Association and can be found at [https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment\\_data/file/297421/flho0911bugi-e-e.pdf](https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/297421/flho0911bugi-e-e.pdf)
- consider purchasing a more detailed flood risk assessment for the property from a flood risk specialist. Groundsure currently does not offer these searches but our customer services team will be able to provide contact details of our preferred suppliers of those reports
- investigate the various forms of flood resistance and resilience measures that will help protect your property in the event of a flood





## Ground stability

The property is indicated to lie within an area that could be affected by natural ground subsidence, infilled land. You should consider the following:

- carry out a visual inspection of the property looking out for cracks and other signs of subsidence
- have a structural survey conducted by a Structural Surveyor to clarify whether or not the property is being affected by any of the risks presented in this report
- contact the relevant Local Authority departments (e.g Planning department, Building Regulations) to ask for records of the property and local area relating to subsidence
- check whether your property benefits from an NHBC guarantee or other environmental warranty that often covers structural issues
- remember that professional advice should be sought before altering the ground in any way at the property, including the planting of trees

## Other considerations

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



## Energy

### Wind

Existing or proposed wind installations have been identified within 5km. Next steps for consideration:

- 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. Next steps for consideration:

- 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



## Transportation



## Crossrail 2

The property lies within 250m of the proposed Crossrail 2 route. Next steps for consideration:

- you can obtain further details on the potential impact of Crossrail 2, the location of Crossrail 2 works, the development schedule and property schemes on the Crossrail website <http://crossrail2.co.uk/discover/safeguarding/> or by contacting the Land and Property team via the Helpdesk on 0345 222 0055 or [crossrail2@tfl.gov.uk](mailto:crossrail2@tfl.gov.uk)

## Railways

The property lies within 250m of an active railway. Next steps for consideration:

- consider visiting the property at different times of day and night in order to gauge relative noise and vibration levels that may result from normal operations. It may also be prudent to check the operational hours for the relevant line(s) and check whether structural surveys at the property have considered the potential for vibration from trains to have resulted in property damage

## Planning

### Mobile phone masts

The property lies within 250m of an existing or planned mobile phone mast. Next steps for consideration:

- ensure the presence of a mobile phone mast near the property is considered before the transaction completes

## Environmental summary



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 the Avista Action Alert: on **page 2** for further advice.



### Contaminated Land

No significant concerns have been identified as a result of the contaminated land searches.

<b>Contaminated Land Liability</b>	Passed
<b>Past Land Use</b>	Passed
<b>Waste and Landfill</b>	Passed
<b>Current and Recent Industrial</b>	Passed



### Flood Risk

The property and area within the site outline is at risk from one or more kinds of flooding. Property's overall risk assessment for past flooding and river, coastal, surface water and groundwater flooding is moderate. Please see **page 6** for details of the identified issues.

<b>River and Coastal Flooding</b>	Very Low
<b>Groundwater Flooding</b>	Moderate
<b>Surface Water Flooding</b>	Moderate-High
<b>Past Flooding</b>	Not identified
<b>Flood Storage Areas</b>	Not identified

### **FloodScore™**

**Moderate**

The rating is compiled by Ambiental, a leading flood risk analysis company. Please see **page 31**



### Ground stability

The property is assessed to have potential for natural or non-natural ground subsidence.

Please see **page 8** for details of the identified issues.

<b>Natural Ground Stability</b>	Moderate-High
<b>Non-Natural Ground Stability</b>	Identified



### Radon

Local levels of radon are considered normal. Percentage of affected homes in your local area is: Less than 1%.

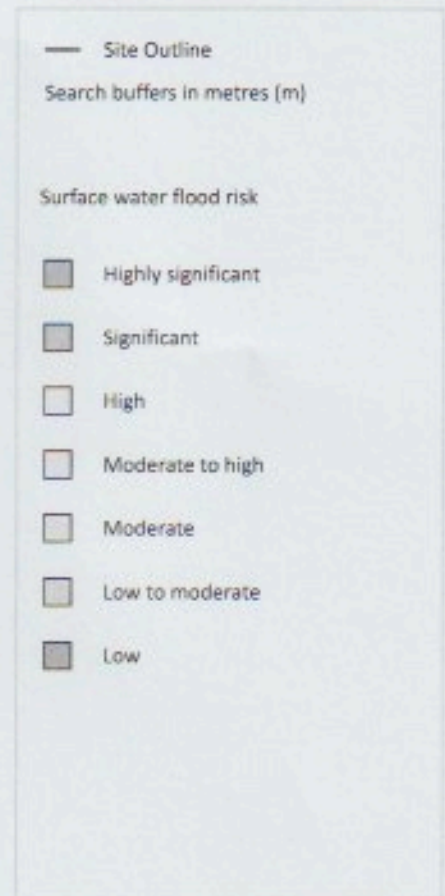
Not in a radon affected area



## Flood Risk



### Surface water flood risk



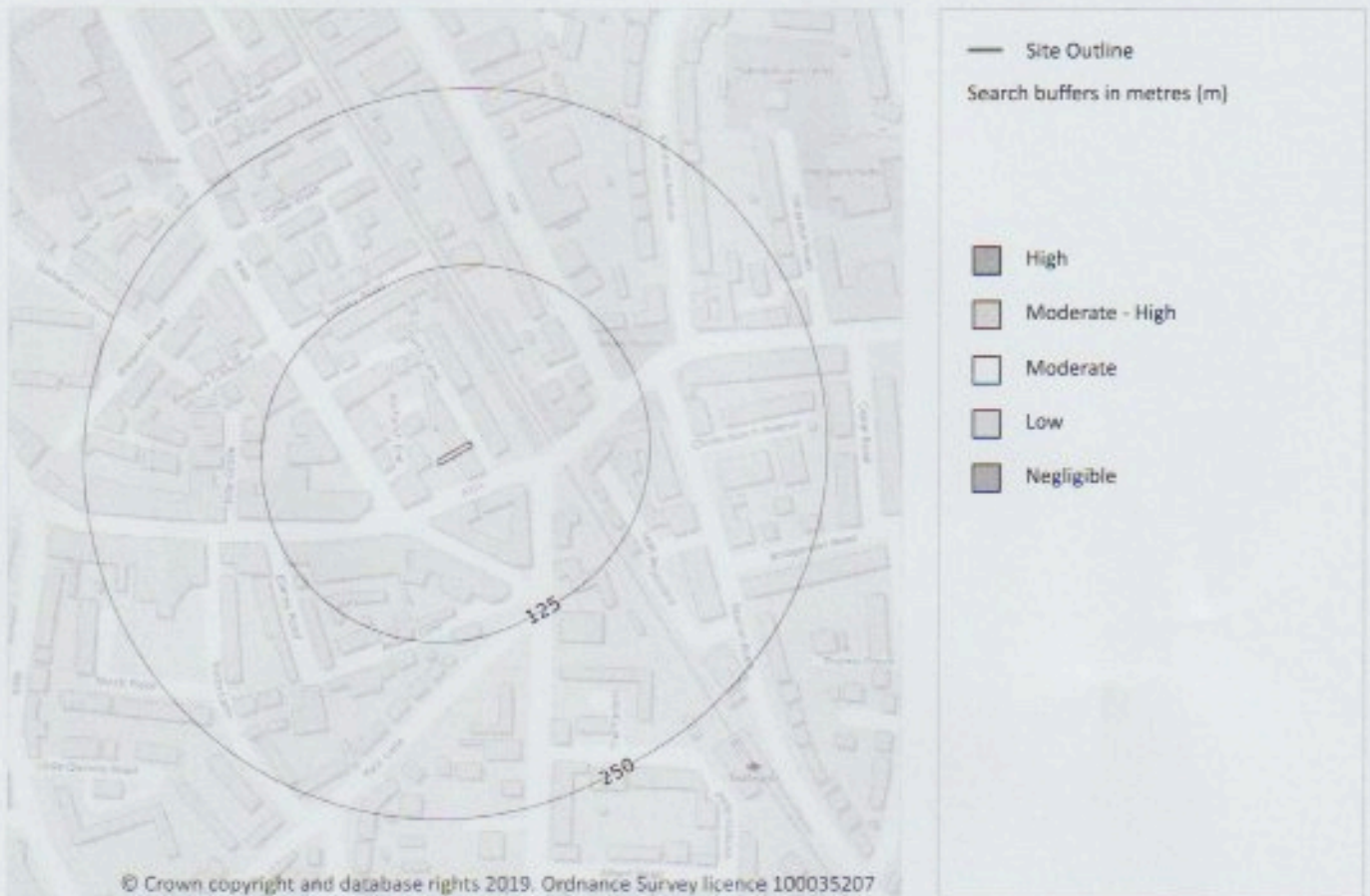
### Surface water flood risk

The property is likely to be prone to flooding following extreme rainfall, which may have an impact on insuring the property against flood risk. However, if built before 2009, it may be eligible for insurance assistance from the Flood Re scheme: <http://www.floodre.co.uk/>

The area in which the property is located has been assessed to be at a Moderate-High risk of surface water flooding. This area is considered to have a 1 in 100 probability of surface water flooding due to rainfall in a given year to a depth of between 0.3m and 1.0m. However, as is the case with probability statistics and predictions, this information should be used as a guideline only. The area may flood several years in a row, or not at all for many years. Modern urban drainage systems are typically built to cope with rainfall events between 1 in 20 and 1 in 30 years, though some older ones may flood in a 1 in 5 year rainfall event.

These risk calculations are based on Ambiental Risk Analytics maps.

## Groundwater flooding



Ambiental data indicates that the property is in an area with a moderate risk of groundwater flooding. Should a 1 in 100-year groundwater flood event occur, groundwater levels may affect basement areas. Properties without basements are not considered to be at risk from this level of groundwater flooding.

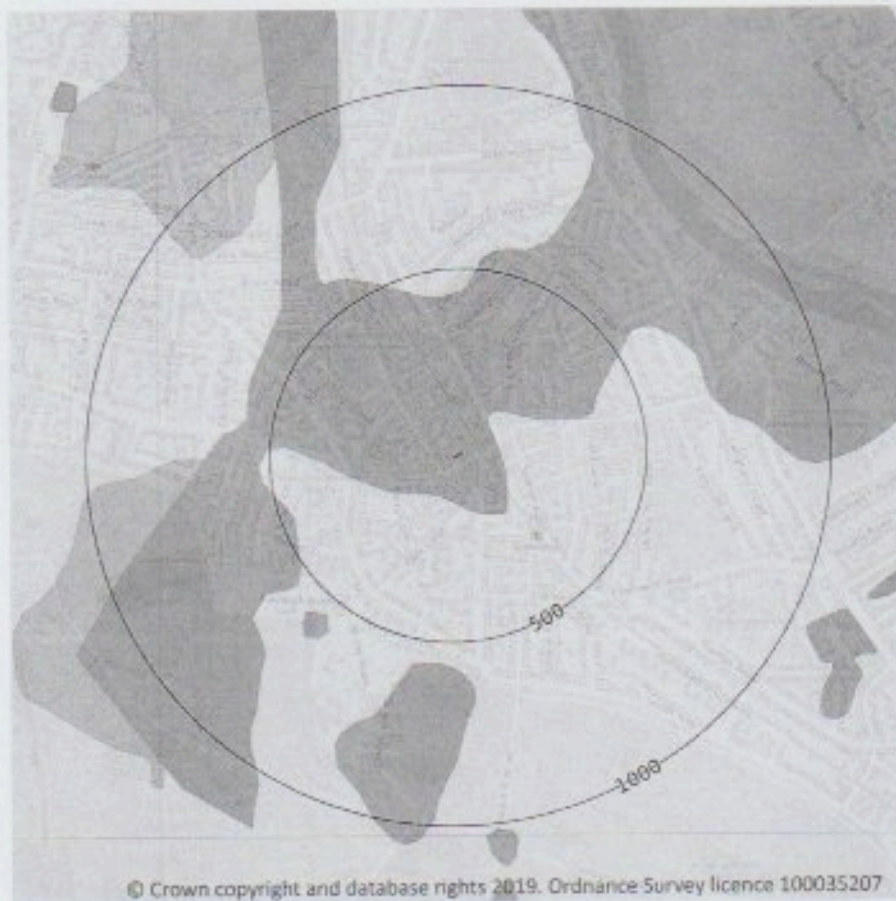
Some of the responses contained in this report are based on data and information provided by the Natural Environment Research Council (NERC) or its component body British Geological Survey (BGS). Your use of any information contained in this report which is derived from or based upon such data and information is at your own risk. Neither NERC nor BGS gives any warranty, condition or representation as to the quality, accuracy or completeness of such information and all liability (including for negligence) arising from its use is excluded to the fullest extent permitted by law. Your use of the data/report/assessment constitutes your agreement to bring no claim against NERC or BGS in connection with it.



## Ground stability



### Natural ground subsidence



- Site Outline
- Search buffers in metres (m)
- Moderate - high
  - Low
  - Negligible - very low

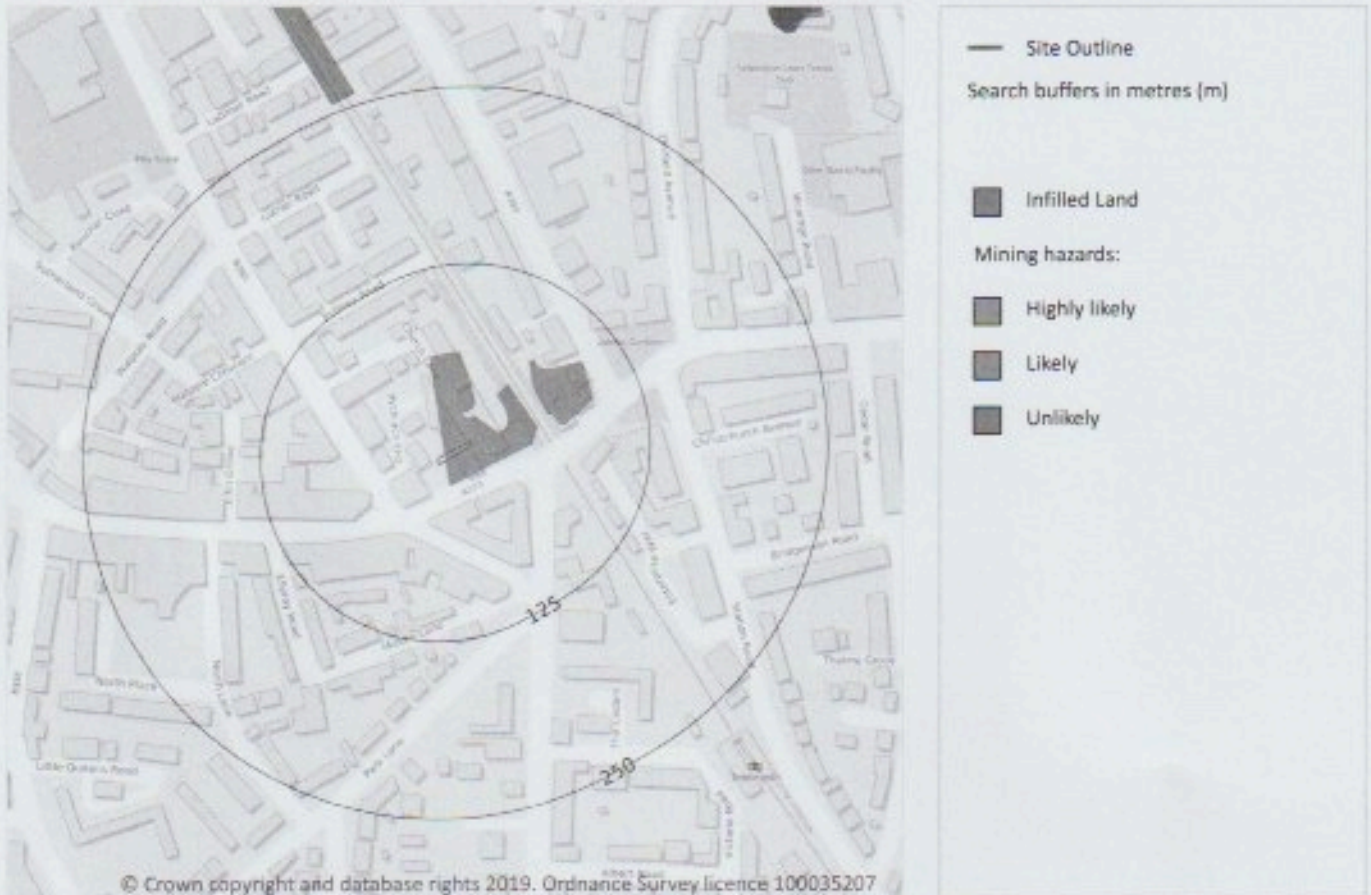
### Natural ground subsidence

The property, or an area within 50m of the property, has a moderate to high potential for natural ground subsidence. This rating is derived from the British Geological Survey's GeoSure database, and is based upon the natural qualities of the geology at the site rather than any historical subsidence claims or events. Additionally, this data does not take into account whether buildings on site have been designed to withstand any degree of subsidence hazard.

Please see the Avista Action Alert: on **page 2** for further advice.

Surveyors are normally aware of local problem areas in relation to subsidence, however, this data provided by the British Geological Survey (BGS) can highlight areas where a significant potential for natural ground subsidence exists and whether it may need particular consideration. The term "Subsidence" refers to ground movement that could cause damage to foundations in domestic or other properties.

## Non-natural ground subsidence



### Infilled land

Maps suggest the property is located on a previous pond, quarry, mine, landfill or other hole in the land. These land cavities are often filled in with various materials and this can cause structural problems, although such events are rare. Groundsure's experts recommend that you check whether your structural surveys have taken this into account.

Please see the Avista Action Alert: on **page 2** for further advice.

Distance	Direction	Use	Date
0	on site	Pond	1865

Groundsure's experts systematically analyse historical maps, which can highlight areas that, over time, may have been filled with various materials. The materials used are usually safe, although in some cases contaminative materials may also have been used. Past ground workings have been identified at the site. These workings may be associated with railway cuttings or other ground engineering but may also indicate mining activity. Information is taken from features identified on Ordnance Survey historical maps, which do not indicate the distance or direction that mines extend beneath the surface. For example, features such as mine shafts only indicate the entrance to a mine. From this, we may infer the potential for underground features to extend outward from this point. Some features within this database may also relate to non-mining underground activities e.g. air shafts for underground railways.

