

# Sitecheck Combined



## Contaminated Land

**PASSED**

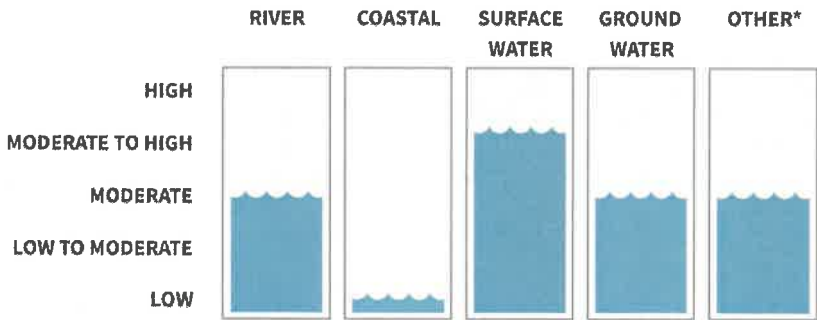
No significant contaminant linkage has been identified and any liabilities from contaminated land are unlikely. No further action is required.



## Flood

**FURTHER ACTION**

The property is at a significant risk of Surface Water flooding. Further assessment is recommended to understand the likely depth of flood waters. Please refer to the Professional Opinion and Recommendations section of this report. To explore the risk further, please see the flood section of this report.



\* Includes historic flood events, proximity to surface water features and elevation above sea level



## Radon

**NONE IDENTIFIED**

The property is not considered to be within a radon affected area. No further action is considered necessary.



## Environmental Constraints

**IDENTIFIED**

One or more environmental constraints have been identified within 250m of the property. Please refer to the next section for further information.

This report is issued for the property described as:  
**Land at Read of 9, the Green Croft**  
Leicester  
LE9 3EQ

Report Reference:  
207753891

National Grid Reference:  
451360 295990

Customer Reference:  
LE9 3EQ\_SAF

Report Date:  
17 June 2019

### CONTACT DETAILS

If you require any assistance please contact our customer support team on:

**0844 844 9966**

or by email at:  
[helpdesk@landmark.co.uk](mailto:helpdesk@landmark.co.uk)



# Professional Opinion and Recommendations

Please see below our recommendations and next steps. These may be copied into your Report on Title if you wish. No physical site inspection has been carried out or is proposed.



## Section 1: Contaminated Land

PASSED

### Professional Opinion

In the professional opinion of Landmark Information Group, the level of risk associated with the information assessed in this report:

- 1) is unlikely to have an adverse effect on the value of the property, and
- 2) is not such that the property would be designated "contaminated land" within the meaning of Part 2A of the Environmental Protection Act 1990.

You should be aware of the following:

As part of this assessment, we have considered sensitive receptors and human health, as this information is considered as part of the Local Authorities Part 2A inspection strategy.

Please see section 1 for further information. Alternatively, please contact your professional advisor or Landmark Customer Services on 0844 8449966.



## Section 2: Flood

FURTHER ACTION

### Professional Opinion

Having reviewed the risk of flooding to the property, Landmark's environmental consultants consider the risk of flooding to be significant. Please note the following findings and recommendations:

#### 1) Surface Water Flooding

During a surface water flood event, depths of surface water at the property may reach and exceed 0.3m.

As part of their review, the consultants have downgraded the following flood risks – see the gauge on the front page and please note the original findings:

#### 2) River Flooding

The property is within an area that is at an elevated risk of river flooding. Although Environment Agency recorded flood defences have been identified within 500m of the property, these are not expected to protect the property and a significant flood risk remains.

#### 3) Other Flooding

A historic flood event has been recorded at the property. Although flood defences have been identified within 500m, these may not fully protect the area.

We have also found a moderate risk of Groundwater flooding, you can investigate this further by referring to the flood section.

### Flood Defences

River/coastal flood defences have been identified and considered as part of Landmark's overall risk of flooding. However, please be aware that if the defences fail, are absent or over-topped the risk of river/coastal flooding to the property would remain a moderate to high risk.

# Professional Opinion and Recommendations

## Recommendations

- Landmark recommend carrying out a follow on report to understand the expected depth of flood waters at the property, as well as the protection level of any defences found to benefit the property. Understanding the likely depths of flooding is important as it will both help to reassess the risk and identify what the most practical approach is to protect the property. The required follow on report, a Flood Solutions Consult, will cost from (£250 + VAT). Please contact our in-house environmental consultants, Argyll Environmental, for further information and to order on 0845 458 5250 or email [orders@argyllenviro.com](mailto:orders@argyllenviro.com).
- You should ask the seller and other nearby property owners whether or not flooding has occurred in the area previously. If it has, what was the impact and where were the affected areas.
- As a high risk of flooding has been identified, Landmark recommend the property purchaser/owner explores the flood section of this report to understand the risks further.

## Insurance

We recommend you obtain buildings and contents insurance terms before exchange of contracts.

## Flood Risk

Flood risk is based on probability; to understand more about flood and the information reviewed, including flood protection measures, please explore the flood section of this report or visit the 'Know Your Flood Risk' website at: [www.knowyourfloodrisk.co.uk](http://www.knowyourfloodrisk.co.uk).



## Section 3: Radon

**NONE IDENTIFIED**

Landmark Information have identified that the property is in a lower probability radon area as less than 1% of homes are estimated to be at or above the action level for radon gas.

Radon Protection Measures: No radon protective measures are necessary in the construction of new dwellings or extensions to existing buildings.



## Section 4: Environmental Constraints

**IDENTIFIED**

Landmark Information have identified the following environmental constraints at or close to the property: Sites of Special Scientific Interest.

Please refer to section 4 of this report for more details. If you would like more information, please contact your professional advisor or Landmark Customer Services on 0844 8449966.

## Next Steps

If you require any assistance, please contact our Customer Services Team on: **0844 844 9966** or [helpdesk@landmark.co.uk](mailto:helpdesk@landmark.co.uk)



# Property Location



## Location Plan

The map below shows the location of the property.



-  Site
-  Search Radii

# Property Purchaser Guide



## Understanding this report

The purpose of this report is to highlight any potential risk of contaminated land, as defined under Part 2A of the Environment Protection Act 1990, and meet the needs of the Law Society Flood Risk Practice note.

For contaminated land, we will state 'Passed' on the front page if our environmental consultants consider there to be no risk to the property. If a potential risk of contaminated land is found, the report front page will state 'Further Action' and we will include our recommendations and next steps.

For flood, we will state 'Passed' on the front page if our environmental consultants consider there to be no risk of flooding at the property and 'Further Action' if a significant risk is identified. 'Passed Moderate' means that while potential flood risks have been found, these are not considered significant or frequent enough for a Further Action to be issued. We will also display flood gauges which are broken down by flood risk type to help visualise the potential risks. An indication of the availability of insurance, recommendations for next steps and further details of any risk requiring further action will be included in the 'Professional Opinion and Recommendations' section.

The report also examines whether the property is at risk from other specified environmental factors that may impact the future intended use and saleability of the property. For these, we will state 'None Identified' if no potential risk is found and 'Identified' if a potential risk is found. In this case, we will provide recommendations or details of further information required to explore this potential risk.

### Section 1: Contaminated Land

In this section, we highlight on a map, and within our findings pages, if there are any potential contaminated land risks at or around the property. Contaminated land contains substances that are actually or potentially hazardous to health or the environment.

### Section 2: Flood

Within this section, we consider River, Coastal, Surface Water, Groundwater and other flood risks at the property or within 500m. Where an indication of potential flood risk has been identified, we will display this on a map and include further details in the tables below. The presence of flood risk data does not necessarily mean your property is at significant risk so please see the front page for our overall opinion.

### Section 3: Radon

In this section, we identify if the property is located in a radon affected area. Radon is a radioactive gas, which occurs naturally in rocks and soils and may be harmful to health. Employers have duty of care to mitigate the build up of radon gas in higher risk areas.

### Section 4: Environmental Constraints

In this section, we identify factors that may have an influence on the property or surrounding area, such as national parks or conservation areas.

## Next Steps

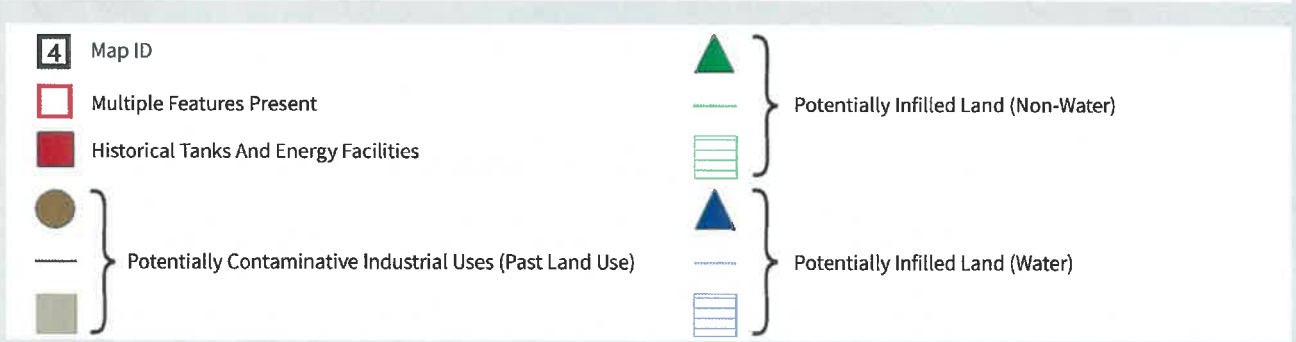
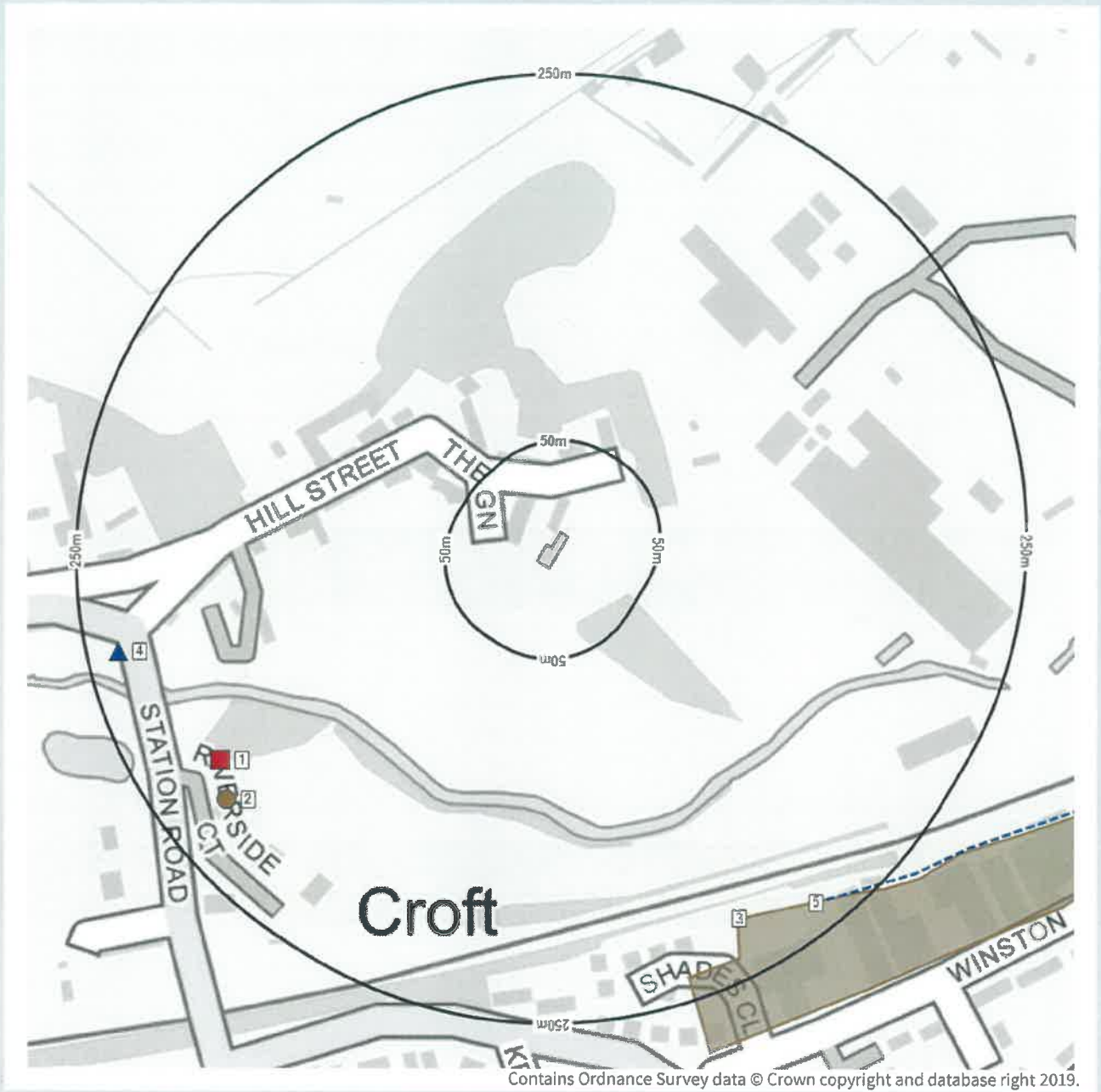
If you require any assistance, please contact our customer service team on: **0844 844 9966** or [helpdesk@landmark.co.uk](mailto:helpdesk@landmark.co.uk)

# Contaminated Land



## Section 1a: Historical Land Uses

The map below shows the location of potentially contaminative historical land uses that have been identified from historical maps and other sources. Further details are shown on the following pages.



# Contaminated Land



## Section 1a: Historical Land Uses

This section describes historical activity at and around the property, which could be considered to be contaminative. The information is taken from a variety of sources including Landmark's extensive historical map collection and analysis of historic activity. Records are highlighted due to the potential for contamination to exist.

Question	Response
Have any historical potentially contaminative land uses been identified within 250m of the property?	Yes

Map ID	Details	Distance	Contact
<b>Potentially Contaminative Industrial Uses (Past Land Use)</b>			
2	<b>Class:</b> Factory or works - use not specified <b>Map Published Date:</b> 1904	214m	1
3	<b>Class:</b> Factory or works - use not specified <b>Map Published Date:</b> 1993	218m	1
<b>Historical Tanks And Energy Facilities</b>			
1	<b>Type:</b> Electrical Sub Station Facilities <b>Date Of Mapping:</b> 1971	205m	1
<b>Potentially Infilled Land (Non-Water)</b>			
No features identified for this property.			
<b>Potentially Infilled Land (Water)</b>			
4	<b>Details:</b> Unknown Filled Ground (Pond, marsh, river, stream, dock etc) <b>Map Published Date:</b> 1955	233m	1
5	<b>Details:</b> Unknown Filled Ground (Pond, marsh, river, stream, dock etc) <b>Map Published Date:</b> 1955	234m	1

# Contaminated Land



## Section 1b: Incidents and Enforcements

The data within this section tells you whether your property or surrounding area has been identified by the Local Authority as "Contaminated Land" under Part 2A of the Environmental Protection Act 1990 or if there have been any other pollution incidents, prosecutions or enforcements. Should there be an indication of contamination, it is not necessarily a cause for concern. Your report will be assessed by our professional environmental consultants who will advise you what, if any, considerations need to be made should you proceed with the property purchase.

Question	Response
Have any incidents or enforcements been identified within 250m of the property?	No

Map ID	Details	Distance	Contact
	<b>Contaminated Land Register Entries and Notices</b> No features identified for this property.		
	<b>Environmental Pollution Incidents</b> No features identified for this property.		
	<b>Prosecutions Relating to Controlled Waters</b> No features identified for this property.		
	<b>Prosecutions Relating to Authorised Processes</b> No features identified for this property.		
	<b>Enforcement and Prohibition Notices</b> No features identified for this property.		
	<b>Planning Hazardous Substance Enforcements</b> No features identified for this property.		
	<b>Local Authority Pollution Prevention and Control Enforcements</b> No features identified for this property.		

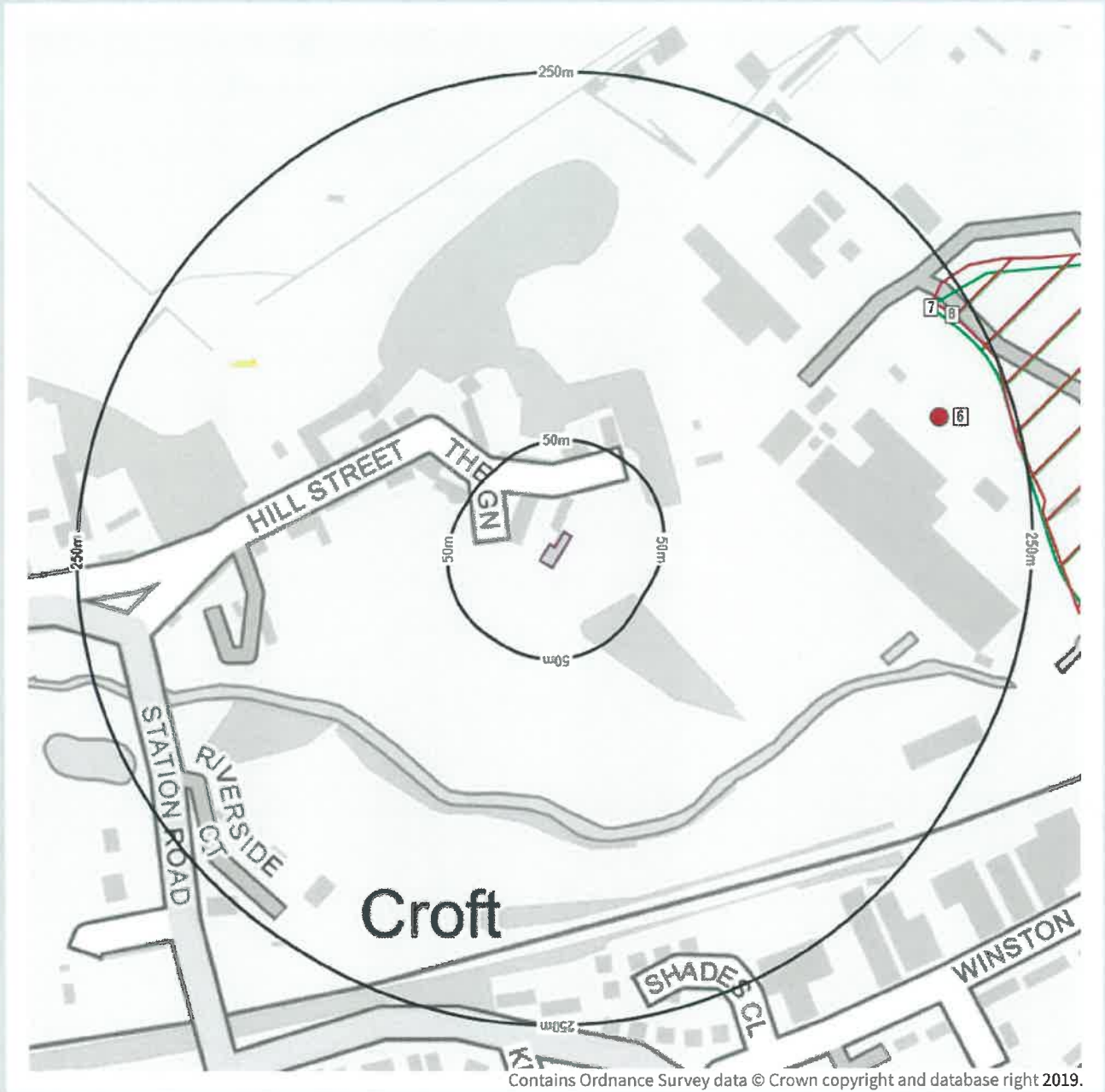


# Contaminated Land



## Section 1c: Landfill and Waste Sites

The map below shows the location of landfill sites and other waste facilities that have been identified from various sources. Further details are shown on the following pages.



4 Map ID

Multiple Features Present

Registered Waste Transfer Sites

Historic Landfill

Registered Landfill Sites

Local Authority Recorded Landfill Sites

BGS Recorded Landfill Sites

Integrated Pollution Control Registered Waste Sites

Registered Waste Treatment or Disposal Sites

Environmental Permitting Regulations - Waste Sites

Permitted Waste Sites - Authorised Landfill Site Boundaries

# Contaminated Land



## Section 1c: Landfill and Waste Sites

The information in this section identifies active and historical landfill and waste sites within 250 metres of the property. Having a landfill or waste site near your property does not necessarily mean that you or the property will be affected. However, it is something you need to be aware of, because landfill and waste can have a detrimental effect on the surrounding environment, property value and health. A closed landfill/waste site should be given equal consideration to an active site, because of landfill by-products. For instance, landfill with lots of organic material can continue to produce odours and gas for many years.

Question	Response
Have any landfill and waste sites been identified within 250m of the property?	Yes

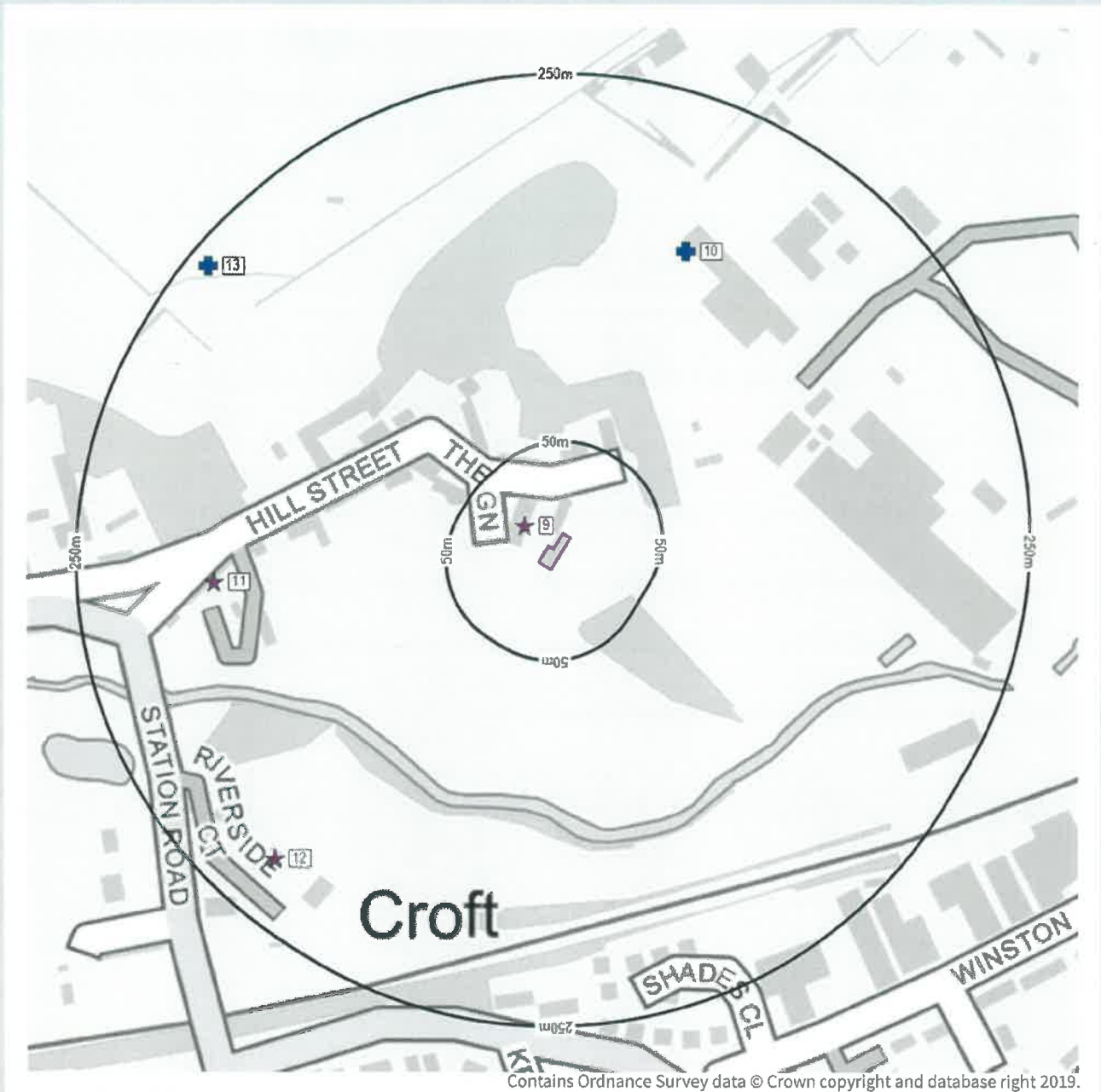
Map ID	Details	Distance	Contact
<b>Historic Landfill</b>			
8	<p><b>Date of Issue:</b> 27th February 1978  <b>Last Input Date:</b> 30th April 1989  <b>Name:</b> Croft Landfill, Croft, Blaby  <b>Reference:</b> EAHLD28348  <b>Location:</b> Croft Landfill, Croft, Blaby, Leicestershire  <b>Specified Waste Type:</b> Deposited Waste included Industrial and Household Waste  <b>First Input Date:</b> 31st December 1937</p>	234m	2
<b>Registered Landfill Sites</b> No features identified for this property.			
<b>Local Authority Recorded Landfill Sites</b>			
7	<p><b>Last Reported Status:</b> Unknown  <b>Reference:</b> 79  <b>Location:</b> Not Supplied  <b>Waste Text:</b> Not Supplied  <b>Date of Closure:</b> Not Supplied</p>	231m	3
<b>BGS Recorded Landfill Sites</b> No features identified for this property.			
<b>Permitted Waste Sites - Authorised Landfill Site Boundaries</b> No features identified for this property.			
<b>Integrated Pollution Control Registered Waste Sites</b> No features identified for this property.			
<b>Registered Waste Treatment or Disposal Sites</b> No features identified for this property.			
<b>Environmental Permitting Regulations - Waste Sites</b>			
6	<p><b>Licensed Waste Type:</b> Physical treatment facilities  <b>Status:</b> Modified  <b>Date of Issue:</b> 28th April 2017  <b>Reference:</b> 403728  <b>Location:</b> Marions Way, Coventry Road, Croft, Leicestershire, LE9 3GP  <b>Operator Name:</b> Aggregate Industries U K Limited</p>	210m	2
<b>Registered Waste Transfer Sites</b> No features identified for this property.			

# Contaminated Land



## Section 1d: Authorised Industrial Processes

The map below shows the location of any current or recent land uses that could have the potential to cause contamination. Further details are shown on the following pages.



Map ID	Fuel Station Entries	Contemporary Trade Directory Entries
Multiple Features Present	Local Authority Pollution Prevention and Controls	Explosive Sites
Planning Hazardous Substance Consents	Control of Major Accident Hazards Sites (COMAH)	Notification of Installations Handling Hazardous Substances (NIHHS)

# Contaminated Land



## Section 1d: Authorised Industrial Processes

This section describes current and licensed activities within 250 metres of the property, which have the potential to cause contamination or have an impact on the environment. The licensed activities could range from pollution to air, land or water; or storage of hazardous or explosive materials. Licences may no longer be active, but the nature of the past activity means it could still have an impact.

Question	Response
Have any current or recent authorised industrial processes been identified within 250m of the property?	Yes

Map ID	Details	Distance	Contact
<b>Fuel Station Entries</b>			
No features identified for this property.			
<b>Local Authority Pollution Prevention and Controls</b>			
10	<p><b>Name:</b> Ecc Quarries Ltd  <b>Reference:</b> Not Given  <b>Date of Issue:</b> 1st March 1992  <b>Location:</b> Croft Works, Huncote Road, Croft, LEICESTER, Leicestershire, LE9 3GS  <b>Description:</b> PG3/8 Quarry processes including roadstone plants and the size reduction of bricks, tiles and concrete  <b>Status:</b> Authorisation revoked</p>	168m	5
13	<p><b>Name:</b> Aggregate Industries Ltd  <b>Reference:</b> A/89/3/15  <b>Date of Issue:</b> 7th May 2002  <b>Location:</b> Huncote Road, Croft, LEICESTER, Leicestershire, LE9 3GT  <b>Description:</b> PG3/15 Mineral drying and roadstone coating processes  <b>Status:</b> Authorised</p>	239m	4
<b>Control of Major Accident Hazards Sites (COMAH)</b>			
No features identified for this property.			
<b>Planning Hazardous Substance Consents</b>			
No features identified for this property.			
<b>Notification of Installations Handling Hazardous Substances (NIHHS)</b>			
No features identified for this property.			
<b>Explosive Sites</b>			
No features identified for this property.			
<b>Contemporary Trade Directory Entries</b>			
9	<p><b>Name:</b> Sovereign Motors  <b>Classification:</b> Garage Services  <b>Location:</b> 8, The Green, Croft, Leicester, LE9 3EQ  <b>Status:</b> Inactive</p>	18m	6
11	<p><b>Name:</b> Roofline Replacement Co Ltd  <b>Classification:</b> Fascias and Soffits  <b>Location:</b> School Hall, Hill Street, Croft, Leicester, LE9 3EG  <b>Status:</b> Inactive</p>	176m	6

# Contaminated Land

Map ID	Details	Distance	Contact
12	<b>Name:</b> Aggregate Industries - Contracting <b>Classification:</b> Sand, Gravel & Other Aggregates <b>Location:</b> 3, Riverside Court, Croft, Leicester, LE9 3HG <b>Status:</b> Active	217m	6

## Next Steps

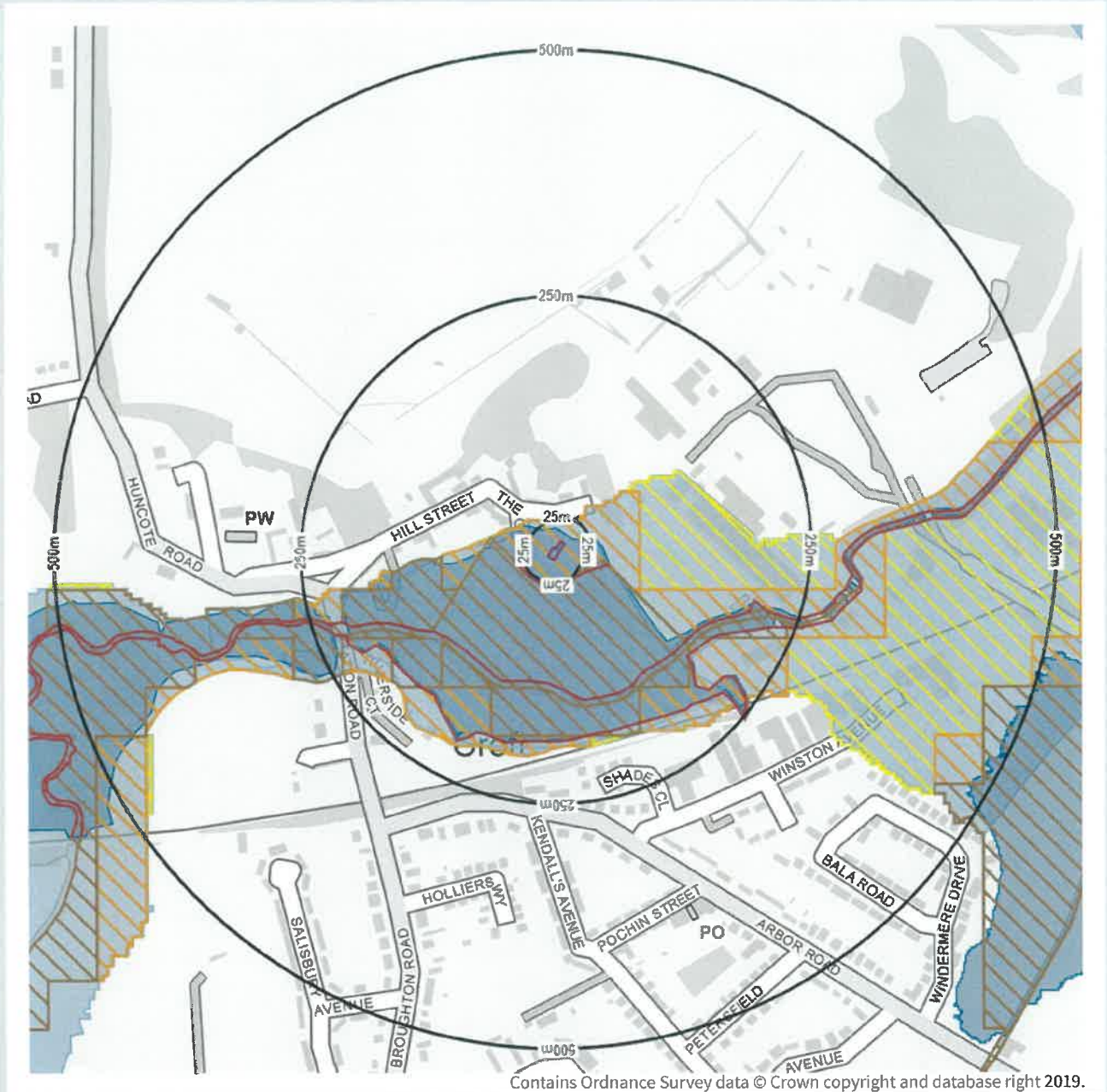
If you would like any further information in respect of the above findings, we recommend that you contact our Customer Services Team on **0844 844 9966** or **helpdesk@landmark.co.uk**. Further Information is also available in the 'Useful Information' section.

# Flood










## Section 2a: River and Coastal Flooding

The map below shows the location of river and/or coastal flood risks within 500m of the property, with further details in the tables that follow. Please see the Front Page and the Professional Opinion and Recommendations section for our overall risk opinion, further information and next steps guidance.



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- |  |   |
|--|---|
|  High Risk - Risk of Flooding from Rivers and Sea (RoFRS)   |  Flooding from Rivers or Sea without Defences (Zone 3)         |
|  Medium Risk - Risk of Flooding from Rivers and Sea (RoFRS) |  Extreme Flooding from Rivers or Sea without Defences (Zone 2) |
|  Low Risk - Risk of Flooding from Rivers and Sea (RoFRS)    |  Flood Defences  |
|  |  Areas Benefiting from Flood Defences                          |



## Section 2a: River and Coastal Flooding

The table below provides details of potential river and/or coastal flooding identified within 500m of the property. Please see the Front Page and the Professional Opinion and Recommendations section for our overall risk opinion, further information and next steps guidance.

Details	Distance	Bearing	Contact
<b>Risk of Flooding From Rivers and Sea (RoFRS)</b>			
<b>Risk:</b> Medium <b>Data Provider:</b> Environment Agency	On Site	N	2
<b>Risk:</b> High <b>Data Provider:</b> Environment Agency	23m	SE	2
<b>Risk:</b> Low- <b>Data Provider:</b> Environment Agency	61m	W	2
<b>Flooding From Rivers or Sea Without Defences (Flood Zone 3)</b>			
<b>Data Provider:</b> Environment Agency	On Site	N	2
<b>Extreme Flooding From Rivers or Sea Without Defences (Flood Zone 2)</b>			
<b>Data Provider:</b> Environment Agency	On Site	N	2
<b>Area Benefiting from Defences</b> No features identified for this property.			
<b>Flood Defences</b>			
<b>Defence Type:</b> Embankment <b>Defence Description:</b> Flood Embankment <b>Data Provider:</b> Environment Agency	26m	SE	2
<b>Defence Type:</b> High Ground <b>Defence Description:</b> Channel Side (Riparian Owner) <b>Data Provider:</b> Environment Agency	126m	S	2
<b>Defence Type:</b> High Ground <b>Defence Description:</b> Channel Side (Riparian Owner) <b>Data Provider:</b> Environment Agency	167m	SE	2
<b>Defence Type:</b> High Ground <b>Defence Description:</b> Channel Side (Riparian Owner) <b>Data Provider:</b> Environment Agency	219m	W	2
<b>Defence Type:</b> High Ground <b>Defence Description:</b> Channel Side (Riparian Owner) <b>Data Provider:</b> Environment Agency	220m	W	2
<b>Defence Type:</b> High Ground <b>Defence Description:</b> Channel Side (Riparian Owner) <b>Data Provider:</b> Environment Agency	284m	E	2
<b>Defence Type:</b> High Ground <b>Defence Description:</b> Channel Side (Riparian Owner) <b>Data Provider:</b> Environment Agency	291m	E	2

# Flood

## What does this mean?

### RoFRS

The Environment Agency (if in Wales, National Resource Wales) have carried out a national flood likelihood analysis, using local expertise, to predict the chance of flooding taking into consideration flood defences present. A risk rating is then given to each area. Please see Landmark's Overall Flood Risk result to understand the expected impact on the property.

### Flood Zone 3

This area has been classified as Flood Zone 3. This means that the area is thought to have a high probability of flooding; an annual chance of (1 in 100) 1% or greater for river flooding, or (1 in 200) 0.5% or greater for coastal flooding. If the area benefits from a flood defence, this may reduce the likelihood or impact of flooding. Please see Landmark's Overall Flood Risk result to understand if this flood zone is expected to impact the property.

### Flood Zone 2

This area has been classified as Flood Zone 2. This means that the area is thought to have a medium probability of flooding; an annual chance of occurring of between 1% (1 in 100) to 0.1% (1 in 1,000) for river flooding and 0.5% (1 in 200) to 1% (1 in 1,000) for coastal flooding. If the area benefits from a flood defence, this may reduce the likelihood or impact of flooding. Please see Landmark's Overall Flood Risk result to understand if this flood zone is expected to impact the property.

### Flood Defences

The Environment Agency (if in Wales National Resource Wales) provides data to show flood defences built in the last five years. Although the presence of defences could help to reduce the overall flood risk, there is always a residual risk the defences fail and so it is important to consider the risk both with and without defences.

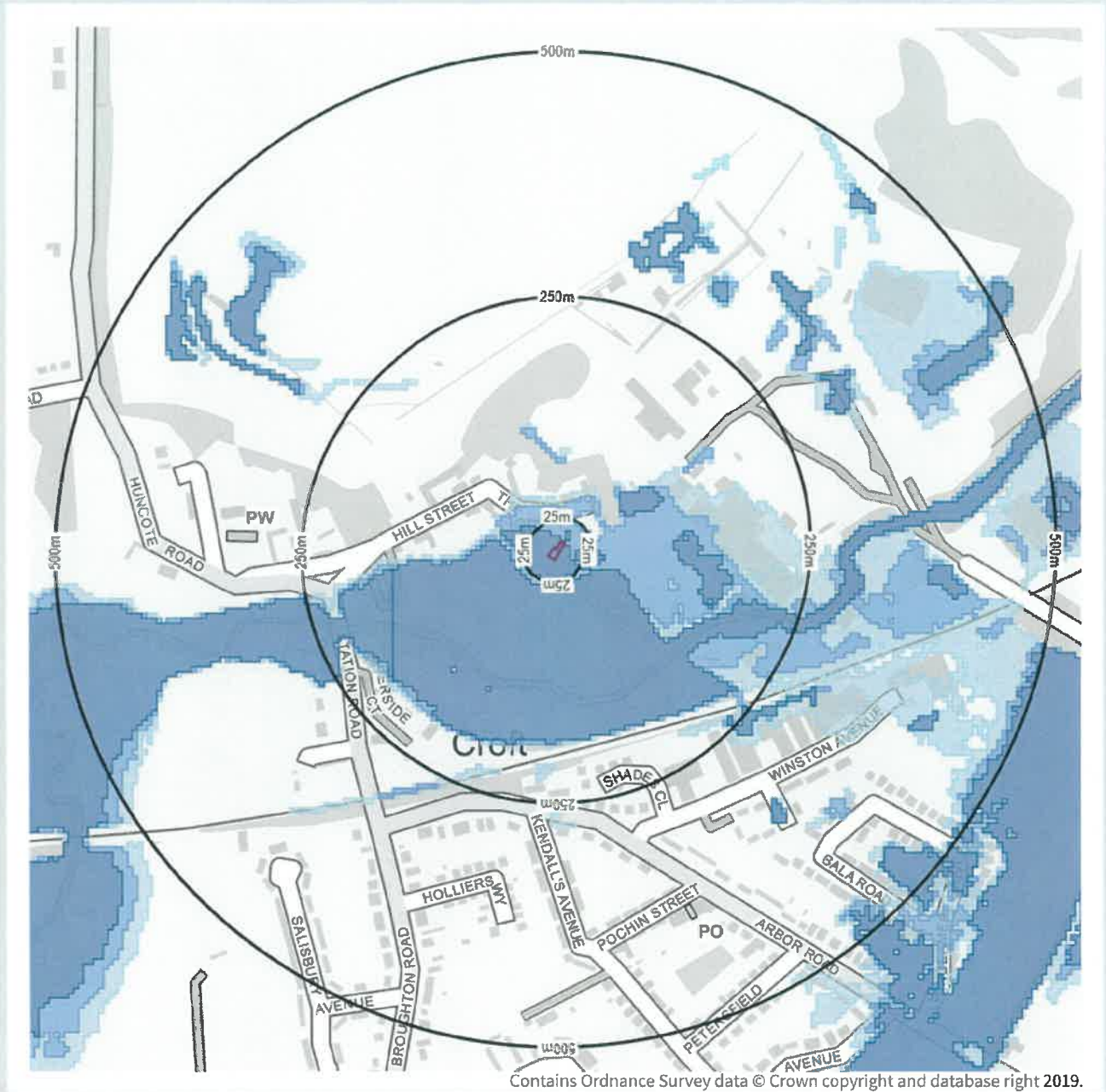


# Flood






## Section 2b: Surface Water Flooding

The map below shows the location of surface water flood risks within 500m of the property, with further details in the tables that follow. Please see the Front Page and the Professional Opinion and Recommendations section for our overall risk opinion, further information and next steps guidance.



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-  Surface Water - 1 in 75 year return
-  Surface Water - 1 in 200 year return
-  Surface Water - 1 in 1000 year return



## Section 2b: Surface Water Flooding

The table below provides details of potential surface water flooding identified within 500m of the property. Please see the Front Page and the Professional Opinion and Recommendations section for our overall risk opinion, further information and next steps guidance.

Details	Distance	Bearing	Contact
<b>Surface Water Flooding Return Period: 1 in 75</b>			
<b>Depth of flood water:</b> Greater than 0.3m and Less than or equal to 1.0m <b>Data Provider:</b> JBA Risk Management Limited	On Site	N	1
<b>Depth of flood water:</b> Greater than 0.1m and Less than or equal to 0.3m <b>Data Provider:</b> JBA Risk Management Limited	On Site	NE	1
<b>Depth of flood water:</b> Greater than 1.0m <b>Data Provider:</b> JBA Risk Management Limited	30m	SE	1
<b>Surface Water Flooding Return Period: 1 in 200</b>			
<b>Depth of flood water:</b> Greater than 1.0m <b>Data Provider:</b> JBA Risk Management Limited	On Site	N	1
<b>Depth of flood water:</b> Greater than 0.3m and Less than or equal to 1.0m <b>Data Provider:</b> JBA Risk Management Limited	1m	NE	1
<b>Depth of flood water:</b> Greater than 0.1m and Less than or equal to 0.3m <b>Data Provider:</b> JBA Risk Management Limited	21m	S	1
<b>Surface Water Flooding Return Period: 1 in 1000</b>			
<b>Depth of flood water:</b> Greater than 1.0m <b>Data Provider:</b> JBA Risk Management Limited	On Site	N	1
<b>Depth of flood water:</b> Greater than 0.3m and Less than or equal to 1.0m <b>Data Provider:</b> JBA Risk Management Limited	19m	NE	1
<b>Depth of flood water:</b> Greater than 0.1m and Less than or equal to 0.3m <b>Data Provider:</b> JBA Risk Management Limited	36m	N	1
<b>Depth of flood water:</b> Equal to 0.1m <b>Data Provider:</b> JBA Risk Management Limited	375m	E	1

Flood data provided by JBA Risk Management Limited. © Copyright JBA Risk Management Limited 2008-2019

### What does this mean?

#### Surface Water Flooding Return Period: 1 in 75

This area is at risk of flooding in a 1:75 year rainfall event (an event that has a 1 in 75 chance of happening in any given year). It is expected that in this event a large amount of rainfall would overwhelm the drainage systems or be unable to soak away into the ground immediately, and would therefore gather at the areas shown on the map. The depth information above will help you understand how severe any resulting flood might be. If your property/site is within this area we would recommend you consider further investigations to clarify the impact of any flooding.

# Flood

## **Surface Water Flooding Return Period: 1 in 200**

This area is at risk of flooding in a 1:200 year rainfall event (an event that has a 1 in 200 chance of happening in any given year). It is expected that in this event a large amount of rainfall would overwhelm the drainage systems or be unable to soak away into the ground immediately, and would therefore gather at the areas shown on the map. The depth information above will help you understand how severe any resulting flood might be. If the predicted flood levels at your property/site are deep (over 1m) we would recommend you consider further investigations to clarify the impact of any flooding.

## **Surface Water Flooding Return Period: 1 in 1000**

This area is at risk of flooding in a 1:1000 year rainfall event (an event that has a 1 in 1000 chance of happening in any given year). It is expected that in this event a large amount of rainfall would overwhelm the drainage systems or be unable to soak away into the ground immediately, and would therefore gather at the areas shown on the map. The depth information above will help you understand how severe any resulting flood might be. If the predicted flood levels at your property/site are deep (over 1m) we would recommend you consider further investigations to clarify the impact of any flooding.




# Flood



## Section 2c: Groundwater Flooding

The map below shows the location of groundwater flood risks within 500m of the property, with further details in the tables that follow. Please see the Front Page and the Professional Opinion and Recommendations section for our overall risk opinion, further information and next steps guidance.



-  Groundwater Flood Risk - High Risk
-  Groundwater Flood Risk - Moderate Risk
-  Groundwater Flood Risk - Low Risk



## Section 2c Groundwater Flooding

The table below provides details of potential groundwater flooding identified within 500m of the property. Please see the Front Page and the Professional Opinion and Recommendations section for our overall risk opinion, further information and next steps guidance.

Details	Distance	Bearing	Contact
<b>Groundwater Flooding</b>			
<b>Risk:</b> Moderate <b>Data Provider:</b> GeoSmart Information Ltd	On Site	N	1
<b>Risk:</b> Low <b>Data Provider:</b> GeoSmart Information Ltd	28m	NE	1

### What does this mean?

#### Groundwater Flooding

This area is considered to be at risk of groundwater flooding in a 1:100 year event. This means that in this type of rainfall event it is predicted that damage to property or harm to other sensitive receptors at, or near, this location could occur. Flooding may result in damage to property, road or rail closures and, in exceptional cases, may pose a risk to life. Further consideration of the local level of risk and mitigation, by a suitably qualified professional, is recommended.

# Flood



## Section 2d: Other Flooding

The map below shows the location of other flood risks within 500m of the property, with further details in the tables that follow. Please see the Front Page and the Professional Opinion and Recommendations section for our overall risk opinion, further information and next steps guidance.



- |  |  |
|--|--|
|  Historic Flood Events                  |  OS Mastermap Water Network           |
|  Flood Water Storage Areas              |  Flood Defences                       |
|  OS VectorMap District - Water Features |  Areas Benefiting from Flood Defences |

# Flood



## Section 2d: Other Flooding

The table below provides details of potential other flooding identified within 500m of the property. Please see the Front Page and the Professional Opinion and Recommendations section for our overall risk opinion, further information and next steps guidance.

Details	Distance	Bearing	Contact
<b>Flood Water Storage Areas</b>			
No features identified for this property.			
<b>Historic Flood Events</b>			
<b>Flood Event Type:</b> Historic Flood Event - Fluvial <b>Flood Start Date:</b> 6th October 1993 <b>Flood End Date:</b> 6th October 1993 <b>Flood Source:</b> Main River <b>Flood Cause:</b> Channel Capacity Exceeded (no raised defences) <b>Data Provider:</b> Environment Agency	On Site	N	2
<b>Flood Event Type:</b> Historic Flood Event - Fluvial <b>Flood Start Date:</b> 6th October 1993 <b>Flood End Date:</b> 6th October 1993 <b>Flood Source:</b> Main River <b>Flood Cause:</b> Channel Capacity Exceeded (no raised defences) <b>Data Provider:</b> Environment Agency	229m	W	2
<b>OS VectorMap District - Water Features</b>			
<b>Data Provider:</b> Ordnance Survey	126m	S	9
<b>Data Provider:</b> Ordnance Survey	181m	E	9
<b>Data Provider:</b> Ordnance Survey	227m	W	9
<b>Data Provider:</b> Ordnance Survey	245m	SW	9
<b>Data Provider:</b> Ordnance Survey	273m	E	9
<b>Data Provider:</b> Ordnance Survey	285m	E	9
<b>Data Provider:</b> Ordnance Survey	373m	E	9
<b>Data Provider:</b> Ordnance Survey	400m	NE	9
<b>OS Mastermap Water Network</b>			
<b>Watercourse Level:</b> onGroundSurface <b>Watercourse Name:</b> River Soar <b>Data Provider:</b> Ordnance Survey	130m	S	9
<b>Watercourse Level:</b> onGroundSurface <b>Watercourse Name:</b> River Soar <b>Data Provider:</b> Ordnance Survey	217m	E	9
<b>Watercourse Level:</b> onGroundSurface <b>Watercourse Name:</b> River Soar <b>Data Provider:</b> Ordnance Survey	224m	E	9

# Flood

Details	Distance	Bearing	Contact
<b>Watercourse Level:</b> onGroundSurface <b>Watercourse Name:</b> Not Supplied <b>Data Provider:</b> Ordnance Survey	229m	W	9
<b>Watercourse Level:</b> onGroundSurface <b>Watercourse Name:</b> River Soar <b>Data Provider:</b> Ordnance Survey	230m	W	9
<b>Watercourse Level:</b> onGroundSurface <b>Watercourse Name:</b> River Soar <b>Data Provider:</b> Ordnance Survey	231m	W	9
<b>Watercourse Level:</b> onGroundSurface <b>Watercourse Name:</b> Not Supplied <b>Data Provider:</b> Ordnance Survey	231m	W	9
<b>Watercourse Level:</b> onGroundSurface <b>Watercourse Name:</b> River Soar <b>Data Provider:</b> Ordnance Survey	288m	E	9
<b>Watercourse Level:</b> onGroundSurface <b>Watercourse Name:</b> River Soar <b>Data Provider:</b> Ordnance Survey	288m	E	9
<b>Watercourse Level:</b> onGroundSurface <b>Watercourse Name:</b> River Soar <b>Data Provider:</b> Ordnance Survey	354m	E	9
<b>Watercourse Level:</b> onGroundSurface <b>Watercourse Name:</b> Not Supplied <b>Data Provider:</b> Ordnance Survey	362m	E	9
<b>Watercourse Level:</b> onGroundSurface <b>Watercourse Name:</b> River Soar <b>Data Provider:</b> Ordnance Survey	363m	E	9
<b>Watercourse Level:</b> onGroundSurface <b>Watercourse Name:</b> Not Supplied <b>Data Provider:</b> Ordnance Survey	446m	E	9
<b>Watercourse Level:</b> onGroundSurface <b>Watercourse Name:</b> Not Supplied <b>Data Provider:</b> Ordnance Survey	449m	E	9
<b>Area Benefiting from Defences</b> No features identified for this property.			
<b>Flood Defences</b>			
<b>Defence Type:</b> Embankment <b>Defence Description:</b> Flood Embankment <b>Data Provider:</b> Environment Agency	26m	SE	2
<b>Defence Type:</b> High Ground <b>Defence Description:</b> Channel Side (Riparian Owner) <b>Data Provider:</b> Environment Agency	126m	S	2
<b>Defence Type:</b> High Ground <b>Defence Description:</b> Channel Side (Riparian Owner) <b>Data Provider:</b> Environment Agency	167m	SE	2
<b>Defence Type:</b> High Ground <b>Defence Description:</b> Channel Side (Riparian Owner) <b>Data Provider:</b> Environment Agency	219m	W	2



# Flood

Details	Distance	Bearing	Contact
<b>Defence Type:</b> High Ground <b>Defence Description:</b> Channel Side (Riparian Owner) <b>Data Provider:</b> Environment Agency	220m	W	2
<b>Defence Type:</b> High Ground <b>Defence Description:</b> Channel Side (Riparian Owner) <b>Data Provider:</b> Environment Agency	284m	E	2
<b>Defence Type:</b> High Ground <b>Defence Description:</b> Channel Side (Riparian Owner) <b>Data Provider:</b> Environment Agency	291m	E	2

## What does this mean?

### Historic Flood Events

The Environment Agency (if in Wales National Resource Wales) hold a record of a previous flood event at this location; the details of which are listed above. If the area benefits from a flood defence, this may reduce the likelihood or impact of flooding. Please see Landmark's Overall Flood Risk result to understand if any historic flood events are expected to impact the property.

### OS VectorMap District — Water Features / OS Mastermap Water Network

Ordnance Survey Mapping has indicated that there is a water feature such as a river, stream, drain or coastal feature at this location. This may not necessarily pose a risk to the property, but if the water feature transects the property, the property owner may have maintenance responsibilities. Please see Landmark's Overall Flood Risk result to understand the expected impact on the property.

### Flood Defences

The Environment Agency (if in Wales National Resource Wales) provides data to show flood defences built in the last five years. Although the presence of defences could help to reduce the overall flood risk, there is always a residual risk the defences fail and so it is important to consider the risk both with and without defences.

## Next Steps

If you would like any further information in respect of the above findings, we recommend that you contact our Customer Services Team on **0844 844 9966** or [helpdesk@landmark.co.uk](mailto:helpdesk@landmark.co.uk). Further Information is also available in the 'Useful Information' section.

# Preparation for a Flood Event

## Understanding Flood Risk

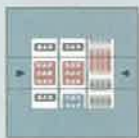
It is important to understand that flooding can happen anywhere, even if the property is not near to a watercourse or the sea. This is because in periods of very heavy rainfall, water can collect in many places where there may be a dip in the ground or a barrier blocking the water's path. Severe rainfall events can also lead to water rising from under the ground as the ground becomes saturated and water is unable to drain away naturally.

The impacts of flooding are not just financial as flooding can also devastate lives, causing both severe disruption at the time as well as continued disturbance through the drying out period in the months that follow. Therefore, it is important to consider any potential flood risk when purchasing a property.

### How is the Overall Flood Risk Calculated?



**Impact:** We consider the expected depths of flooding at your property. Low depths, for example, 10cm, are unlikely to put people at risk but water damage to buildings and contents may be significant without any flood protection. High water depths, for example 1m, may severely threaten the safety of people and may cause extensive damage to buildings. It may be dangerous to keep deep floods out of a building because of the large weight of water pressing against the wall.



**Likelihood:** Flood risk is based on probability and different approaches to flood protection may be needed depending upon how likely flooding is expected. A common way of expressing how likely a flood event is to occur is 'return period'. For example, a 1:100 year event has a 1% likelihood of occurring in any given year, whereas a 1:200 year event has a 0.5% likelihood of occurring in any given year. The 1:200 event would be expected to result in a greater extent of flooding than the 1:100 event, as it would be more severe, but the likelihood of it occurring is lower.

## Flood Protection Measures

Flooding can usually be managed by the installation of flood protection measures, either on or within the building or across the property. Flood protection measures can be divided into two categories; flood resistance and flood resilience.

**Flood resistance measures:** physical barriers designed to keep water out of your property, such as flood doors, air brick covers and non-return valves. Temporary flood resistance products are those that need deploying (fitting or activating) prior to flooding arriving, whereas permanent flood resistance products do not need activating.

**Flood Resilience measures:** these reduce flood damage in situations where water is allowed to enter, such as raising electrical sockets, the use of resilient plaster.

The flood source, likely depths and property design and age will inform the best choice of permanent resistance, temporary resistance or resilience. Other factors will play a part in the decision making process, such as cost, visual impact, ease of deployment and product performance. The best answer for your property will most likely involve a combination of products.

Please refer to the Know Your Flood Risk website for further information and suppliers of protection and resilience measures: [www.knowyourfloodrisk.co.uk/flood-advice-guidance](http://www.knowyourfloodrisk.co.uk/flood-advice-guidance)

# Preparation for a Flood Event

## Flood Plan

According to the Environment Agency, most businesses can save up to 90% on the cost of lost stock and movable equipment by taking action to prepare in advance for flooding. Preparing a Flood Plan will help ensure the safety of everyone, significantly reduce financial losses, minimise business disruption and continuity, maintain customer, supplier and business records and ensure Compliance with regulatory requirements such as the Occupier's Liability Act 1984.

You can create your own Flood Plan by visiting the Environment Agency website at [www.gov.uk/prepare-for-flooding/future-flooding](http://www.gov.uk/prepare-for-flooding/future-flooding). Alternatively, a template can be found on the Know Your Flood Risk website at [http://www.knowyourfloodrisk.co.uk/sites/default/files/FloodGuide\\_ForBusinesses.pdf](http://www.knowyourfloodrisk.co.uk/sites/default/files/FloodGuide_ForBusinesses.pdf)

## Reduce Potential Flood Damage

However high or low your flood risk, there are various measures you can take to help reduce the damage to your business. Storing valuable items higher up, and making your property more resistant to flooding, will not only help protect you and your premises but may also reduce your insurance costs and could make the clean-up process quicker and easier.

- Prevent flood water entering your building as far as possible by installing permanent or removable barriers to protect doors, windows and openings such as air bricks and vents. There are special 'bungs' available for drains and toilets, as well as non-return valves for pipework. Such measures can hold back flood waters up to 600mm high, allowing you time to take the other steps highlighted in this guide.
- Reduce damage flood water causes if it does enter your building by:
  - raising electrical sockets, electrical wiring and controls for ventilation systems
  - raising equipment and machinery on plinths
  - using materials that can withstand flooding, for floors and the lower part of walls and staircases

Your flood preparation does not need to be a costly exercise

- Back up your customer data on a regular basis.
- Store your customer files and supplier contracts safely.
- Keep your insurance policy in a secure, accessible place, as well as a copy in a 'Grab bag' or 'Battle box'.
- Ensure drains from your premises are running efficiently.
- Modern alternatives to sandbags are available which are lightweight and more effective than traditional sand-and-hessian types. Some types can be sanitised and re-used, while Gel-filled sandbags can absorb up to 20 litres of water each.



## Section 3: Radon Findings

The information within this section tells you whether the property is located in a radon affected area. Radon is a radioactive gas which occurs naturally in rocks and soils. You cannot see, hear, feel or taste it. Exposure to particularly high levels of radon may increase the risk of developing lung cancer, and is therefore something you need to be aware of.

Question	Response
Is the property in a radon affected area?	The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level).
What level of radon protection measures for new dwellings or extensions to existing ones is required for the property?	No radon protective measures are necessary in the construction of new dwellings or extensions to existing buildings.

### Next Steps

The Ionising Radiation Regulations, 1999, require employers to take action when radon is present above a defined level in the workplace. Advice may be obtained from your local Health and Safety Executive Area Office or the Environmental Health Department of your local authority. The Building Research Establishment (BRE) publishes a guide (BR293): Radon in the workplace. Advice on radon in the workplace can be obtained from the Public Health England.

For further information, please contact Public Health England (see Contacts section) or go to [www.ukradon.org](http://www.ukradon.org).

# Environmental Constraints



## Section 4: Environmental Constraints

This section provides information on areas which have been designated as having environmental or historical importance; as such there may be constraints on property or land developments or alterations.

Question	Response
Is the property within 250m of an area likely to be impacted by Environmental Constraints?	Yes

Details	Distance	Contact
<b>National Nature Reserves</b> No features identified for this property.		
<b>Local Nature Reserves</b> No features identified for this property.		
<b>Marine Conservation Zones</b> No features identified for this property.		
<b>Sites of Special Scientific Interest</b>		
<b>Name:</b> Croft And Huncote Quarry <b>Reference:</b> 1003745 <b>Total Area:</b> 352514.42m <sup>2</sup>	115m	7
<b>Name:</b> Croft Pasture <b>Reference:</b> 1003760 <b>Total Area:</b> 61672.79m <sup>2</sup>	229m	7
<b>Ramsar Sites</b> No features identified for this property.		
<b>Special Areas of Conservation</b> No features identified for this property.		
<b>Special Protection Areas</b> No features identified for this property.		
<b>Nature Improvement Areas</b> No features identified for this property.		
<b>Environmentally Sensitive Areas</b> No features identified for this property.		
<b>World Heritage Sites</b> No features identified for this property.		
<b>Ancient Woodland</b> No features identified for this property.		
<b>Country Parks</b> No features identified for this property.		
<b>Areas of Outstanding Natural Beauty</b> No features identified for this property.		
<b>Forest Parks</b> No features identified for this property.		
<b>National Parks</b> No features identified for this property.		

# Environmental Constraints

## Next Steps

If you would like any further information in respect of the above findings we recommend that you contact our Customer Services Team on **0844 844 9966** or [helpdesk@landmark.co.uk](mailto:helpdesk@landmark.co.uk).

## Useful Contacts

Please see below the contact details of the suppliers referred to within this report. For all queries please contact:

### Landmark Information Group

Imperium  
Imperial Way  
Reading  
RG2 0TD

If you require assistance please contact our customer services team on:

**0844 844 9966**

Or by email at:

**helpdesk@landmark.co.uk**

Contact	Name	Address	Contact Details
	<b>Public Health England</b>	Centre for Radiation Chemical and Environmental Hazards Chilton Didcot Oxon OX11 0RQ	<b>T:</b> 01235 822622 <b>F:</b> 01235 833891 <b>E:</b> radon@phe.gov.uk <b>W:</b> www.ukradon.org
1	<b>Landmark Information Group Limited</b>	Imperium Imperial Way Berkshire RG2 0TD	<b>T:</b> 0844 844 9966 <b>E:</b> helpdesk@landmark.co.uk <b>W:</b> www.landmark.co.uk
2	<b>Environment Agency, National Customer Contact Centre (NCCC)</b>	PO Box 544 Templeborough S60 1BY	<b>T:</b> 03708 506 506 <b>E:</b> enquiries@environment-agency.gov.uk
3	<b>Leicestershire County Council</b>	County Hall Leicestershire LE3 8RH	<b>W:</b> www.leics.gov.uk
4	<b>North West Leicestershire District Council, Environmental Health Department</b>	Council Offices Leicestershire LE67 3FJ	<b>T:</b> 01530 454545 <b>W:</b> www.nwleics.gov.uk
5	<b>Blaby District Council, Environmental Health Department</b>	Council Offices Desford Road Narborough Leicestershire LE9 5EP	<b>T:</b> 0116 2750555 <b>W:</b> www.blaby.gov.uk
6	<b>Thomson Directories</b>	Thomson House 296 Farnborough Road Hampshire GU14 7NU	<b>T:</b> 01252 390025 <b>W:</b> www.thomsonlocal.com

## Useful Contacts

Contact	Name	Address	Contact Details
7	<b>Natural England</b>	County Hall Spetchley Road WR5 2NP	<b>T:</b> 0300 060 3900 <b>E:</b> enquiries@naturalengland.org.uk <b>W:</b> www.naturalengland.org.uk
8	<b>British Geological Survey, Enquiry Service</b>	British Geological Survey Environmental Science Centre Keyworth Nottinghamshire NG12 5GG	<b>T:</b> 0115 936 3143 <b>E:</b> enquiries@bgs.ac.uk <b>W:</b> www.bgs.ac.uk
9	<b>Ordnance Survey</b>	Adanac Drive Hampshire SO16 0AS	<b>T:</b> 03456 05 05 05 <b>E:</b> customerservices@ordnancesurvey.co.uk <b>W:</b> www.ordnancesurvey.gov.uk

Please note that if you choose to contact any of the above organisations, they may have a charging policy in place for enquiries.



# Useful Information

## Information for Professional Advisers

This report is designed to satisfy the concerns raised by the Law Society Practice Note and has been prepared to assist conveyancing professionals who may be advising clients when they sell or buy a property. It is designed to bring information to their attention and help them decide whether they need to seek any further specialist advice. The report gives details of any issues that we have identified as affecting the property or located nearby, and our recommendations on what to do in relation to these issues. You are authorised to copy the recommendations on the Professional Opinion and Recommendations page into any report on title that you provide to your client.

## Contaminated Land

### Landfill and Waste

At present no complete national data set exists for landfill site boundaries, therefore, a point grid reference, provided by the data supplier, is used for some landfill sites. In certain cases the point grid references supplied provide only an approximate position, and can vary from the site entrance to the centre of the site. Where the exact position of the site is unclear for Registered Landfill data, Landmark construct either a 100 metre or 250 metre buffer around the point to warn of the possible presence of landfill. The size of this 'buffer' relates to the positional accuracy that can be attributed to the site. For further information regarding landfill sites identified in the report, please contact the relevant agency or authority referenced in the Useful Contacts section.

The BGS holds records of over 3,000 landfill sites that accepted waste prior to the Control of Pollution Act (COPA) 1974. These were not subject to any strict regulation or monitoring.

Permitted Waste Sites and Environmental Permitting Regulations - Waste cover current or recently current consents issued for landfill sites, waste transfer, treatment or disposal sites by the relevant agency, under Section 64 of the Environmental Protection Act 1990 (Part 2) and prescribed by regulation 10 of SI No. 1056 of the Waste Management Licensing Regulations 1994.

### Authorised Industrial Processes

Data supplied for Explosive Sites, Control of Major Accident Hazards Sites (COMAH) and Notification of Installations Handling Hazardous Substances (NIHHS) contains public sector information published by the Health and Safety Executive and licensed under the Open Government Licence.

### Historical Land Uses

This section relates to categories of potentially contaminative land uses that have been identified by the analysis of selected Ordnance Survey historical mapping. The published date (range of dates) of the map(s) and the distance from the centre of search to the nearest point of the feature is given. Further details of the extent of the site or its activities are not available. Should you wish to examine the Ordnance Survey maps these are normally available for public inspection at the local archive or local major library. Alternatively, extracts of editions of Ordnance Survey maps are available on [www.old-maps.co.uk](http://www.old-maps.co.uk)

Potentially infilled land has been identified when a 'cavity' (a hole made by an extractive industry or natural occurrence e.g. pond) was indicated on a historic map but there was no evidence of its existence in the last available map for the area. No details of what may have been used to fill the cavity or exactly when or if it was filled are available from the mapping.

The point locations of historical tanks and energy facilities are identified from the text on Ordnance Survey 1:1250 and 1:2500 scale mapping published between 1943 and 1996, based upon a predetermined list of abbreviations, e.g. El Sub (Electricity Sub-station) and F Stn (Filling Station). The position of the point has been located at the centre of the identified text so that it would be within approximately 30 meters of the feature it was describing. The features themselves are related to energy and petroleum storage and cover the following: tanks, petrol storage, potential tanks (at depots etc.), electricity sub stations and related features, gas and gas monitoring related features, oil related features and miscellaneous power features. NB: It should be noted that the Ordnance Survey abbreviation for tank (tk) is the same as that for tracks. Therefore some of the captured text may relate to tracks and not tanks when the exact nature of the feature is not clear from the mapping.

# Useful Information

## Flood

### The Purpose and Scope of the Flood Section

The Sitecheck Combined report is a desktop flood risk screening report, designed to satisfy the concerns raised by the Law Society Practice Note and to enable buyers and property professionals to assess the risk of flooding. It examines two key areas: (1) the overall risk of flooding at a site taking into account any flood defences present (where these are identified within the vicinity of the property and based on the presence of flood defences registered by The Environment Agency). It should be noted that a residual risk of flooding may remain if such defences were to fail owing to extreme weather conditions, over-topping or poor maintenance. In addition, it should be noted that flood defences do not generally offer protection against groundwater or surface water flooding (2) how flood risk affects the availability of insurance for a site. Where no flood defences are present in the vicinity of the property the overall risk rating provides a worst case scenario which may be alleviated by smaller scale local flood defences or recently constructed flood defences not currently registered by The Environment Agency.

Where several flood risks have been identified, the flood section of the report highlights those closest to the property. The Professional Opinion and Recommendations section details the information Landmark consider should be drawn to your attention as part of the conveyancing transaction. However, other flood risks may be present.

The Sitecheck Combined report is a general purpose indicative screening tool, and is intended to provide a useful initial analysis for a commercial conveyancing transaction. It does not provide an alternative to a property specific assessment, such as the Flood Solutions Consult Report, which should be used when this report suggests 'Further Action'.

### Overall Flood Risk

The overall flood risk is an assessment of all the flood data which has been analysed. It may differ from the individual risks on the flood gauge as we consider the overall risk to the property.

### Risk Rating

Landmark Information Group provide one of three possible responses for the Overall Flood Risk at the property. These are:

**Passed:** this means no risk of flooding has been identified.

**Passed Moderate:** this means that while potential flood risks have been found, these are not considered significant or frequent enough for a Further Action to be issued.

**Further Action:** this means a significant risk of flooding at the property has been identified. Further assessment will be required.

### Insurability

Based on the data assessed within this report, an indication of whether buildings insurance is likely to be available and affordable is provided.

### The Individual Flood Risks

The individual flood risk gauges on the front page highlight the individual river, coastal, surface water, groundwater and other types of flooding risk at the property, taking into consideration any flood defences found. These risks are used to determine the overall flood risk to the property. The individual flood risks are demonstrated in the gauges as follows:

#### High / Moderate To High

Landmark consider the individual flood risk to be significant. This is because there is a potential flood risk that would be likely to occur fairly frequently or the predicted depth of any flood event would result in significant impact and/or there is a flood water storage area on property and/or there is information to suggest a flood has happened in the past. It is recommended that you refer to the Overall Flood Risk and take note of the Professional Opinion and Recommendations as further action will be required.

# Useful Information

## **Moderate**

Landmark consider the individual flood risk to be moderate. This is either because of a potential flood that is likely to occur with moderate frequency, or because the predicted depth of potential flooding at the property is likely to be shallow and insufficient to cause a significant issue. It is recommended that you check the Overall Flood Risk result and refer to the Professional Opinion and Recommendations for guidance and next steps.

## **Low To Moderate**

This describes areas that Landmark Information Group consider are at low to moderate risk flooding. These are areas where we have found some indication of potential flood risk, however any resulting flooding would be expected to be infrequent, or have a low predicted depth. It is recommended that you check the Overall Flood Risk to the property as this may differ from the individual flood risks.

## **Low**

This describes areas that Landmark Information Group consider are at minimal or no risk of flooding. These are areas where there may be some indications of potential flood risk, however any flooding would be expected to be very infrequent, or have a very low predicted depth. It is recommended that you check the Overall Flood Risk to the property as this may differ from the individual flood risks.

## **Flood Defences**

If river/coastal flood defences are known to be present, these are assumed to be operational and are taken into consideration in our Overall Flood Risk analysis.

## **Flooding Types**

There are several types of flooding taken into account when making our overall opinion. These are explained below. Where a risk is found, this is shown on the front page and further details are provided within the body of the report.

### **River Flooding**

River flooding occurs when rivers and streams are unable to carry away floodwaters within their usual drainage channels. River flooding can cause widespread and extensive damage because of the sheer volume of water.

### **Coastal Flooding**

Coastal flooding results from a combination of high tides, low lying land and sometimes stormy conditions. Coastal flooding can cause widespread and extensive damage because of the sheer volume of water.

### **Surface Water Flooding**

Surface water flooding is common during prolonged or exceptionally heavy downpours, when rainwater does not drain away into the normal drainage systems or soak away into the ground.

### **Groundwater Flooding**

Groundwater flooding generally occurs during long and intense rainfall when underground water levels rise above surface level. Groundwater flooding may last for weeks or several months.

### **Other Flooding**

We analyse any historic flood events records, the proximity of the property to surface water features and the elevation of the property above sea level to enhance our overall analysis of the property.

# Useful Information

## Additional Considerations

You may wish to consider the following potential liabilities that fall outside the scope of our flood risk screening methodology.

### Riparian Ownership

Riparian ownership applies when someone owns a site with a watercourse inside or next to it.

A riparian owner has rights and responsibilities under common law relating to the stretch of watercourse. Their primary responsibility is to keep it free of obstructions that could hinder normal water flow. Failure to carry out these responsibilities could result in civil action.

A riparian owner should check before carrying out any works near to the edge of a river, as such works may be subject to bylaws. If infringed, this could lead to enforcement action by The Environment Agency. There is a presumption that the boundary between properties abutting a watercourse is the centre line of that watercourse. A solicitor should check the deeds or the Index Map to confirm whether this is the case.

The Environment Agency published a useful guide called “Living on the Edge” for owners of land or property alongside a watercourse.

Sometimes, The Environment Agency or other organisations managing flood risk have statutory rights of access to properties. This is for maintaining, repairing, or rebuilding parts of a watercourse. Or for accessing, or repairing monitoring equipment.

### Development Control

A redevelopment site which is close to, but not adjoining, a watercourse may be subject to planning controls. The Environment Agency are normally consulted regarding any development within 20m of a main river and internal drainage boards should be contacted about developments close to drainage channels. Navigation authorities are normally consulted regarding any development within 250m of a canal, although this varies on a site by site basis.

The Environment Agency should be contacted with regards to development (other than minor development) in Flood Zones 2 and 3.

### Sewer Flooding

In times of extreme rainfall events sewers can overflow and cause local flooding. Ofwat's 'DG5 - At Risk Registers' record properties that have flooded from sewers and are at risk of flooding again, with separate registers for internal and external flooding. The At Risk Registers are maintained by each of the ten water and sewerage companies in England and Wales and details of properties subject to sewer flooding are normally kept for between two and five years. These registers are not necessarily complete as not all episodes of past flooding may be recorded. The relevant water and sewerage provider can answer specific enquiries. The response provided is based on the information held. Sometimes, the water and sewerage provider is unable to confirm whether the site has flooded, but provides a response based on all properties connected to a local sewer network (normally up to ten properties). This is due to the way in which the data is collected.

# Useful Information

## Other Information

### Radon

Radon is a natural radioactive gas, which enters buildings from the ground. It is the geological conditions in certain areas that can lead to higher than average volumes (some of the highest radon levels have been found in the southwest, but levels well above average have been found in some other parts of the UK).

Radon has no taste, smell or colour and special devices are needed to measure it. The gas is diluted to harmless levels out in the open but has the potential to build up to higher concentrations indoors. Exposure to high concentrations of Radon gas can pose a health risk and studies have shown that it increases the risk of lung cancer.

This report informs you whether the property is in a radon Affected Area and the percentage of homes that are estimated to be at or above the radon Action Level. This does not necessarily mean there is a radon problem in the property; the only way to find out whether it is above or below the Action Level is to carry out a radon measurement in an existing property. Due to the nature of the way the information is gathered, your property/site may have more than one probability of radon attributed to it. We report the worst case scenario on the property/site you have provided. This information is an estimate of the probability that a property/site in Great Britain is at or above the "Action Level" for radon (the level at which Public Health England recommends that radon levels should be reduced, those with an average of 200 Bq m<sup>-3</sup> or more). This information satisfies CON29 Standard Enquiry of Local Authority; 3.13 Radon Gas: Location of the Property in a Radon Affected Area. Where the property/site is a new build, this information provides information on the level of protection required for new buildings under BR211 (Scivyer, 2007).

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### Environmental Constraints

The Local Nature Reserves national dataset is "indicative" not "definitive". Definitive information can only be provided by individual local authorities and you should refer directly to their information for all purposes that require the most up to date and complete dataset.

# Useful Information

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- ensure that products and services comply with industry registration rules and standards and relevant laws
- monitor their compliance with the Code

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Complaints should be sent to:

TPOs Contact Details:

The Property Ombudsman scheme  
Milford House  
43-55 Milford Street  
Salisbury  
Wiltshire  
P1 2BP

Tel: 0844 844 9966  
Web site: [www.tpos.co.uk](http://www.tpos.co.uk)  
Fax: 0844 844 9980

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