

Flood risk assessment data



Location of site: 518366 / 231513 (shown as easting and northing coordinates)

Document created on: 9 April 2025

This information was previously known as a product 4.

Customer reference number: 94R4KPPE5K2J

Map showing the location that flood risk assessment data has been requested for.



How to use this information

You can use this information as part of a flood risk assessment for a planning application. To do this, you should include it in the appendix of your flood risk assessment.

We recommend that you work with a flood risk consultant to get your flood risk assessment.

Included in this document

In this document you'll find:

- how to find information about surface water and other sources of flooding
- information on the models used
- definitions for the terminology used throughout
- flood map for planning (rivers and the sea)
- past floods
- modelled data
- information about strategic flood risk assessments
- information about this data
- information about flood risk activity permits
- help and advice

Information that's unavailable

This document **does not** contain:

- flood defences and attributes

We aren't able to display flood defence locations and attributes as there are no formal flood defences in the area of interest.

Surface water and other sources of flooding

When using the surface water map on the [check your long term flood risk service](#) the following considerations apply:

- surface water extents are suitable for use in planning
- surface water climate change scenarios may help to inform risk assessments, but the available data fall short of what is required to assess planned development
- surface water depth information should not be used for planning purposes

To find out about other factors that might affect the flood risk of this location, you should also check:

- [reservoir flood risk](#)
- groundwater flood risk - you could use the [British Geological Survey groundwater flooding data](#), [groundwater: current status and flood risk](#) and the guide on [mining and groundwater constraints for development](#) - further information may be available from the lead local flood authority (LLFA)
- your local planning authority's SFRA, which includes future flood risk

Your Lead Local Flood Authority is Hertfordshire County.

For information about sewer flooding, contact the relevant water company for the area.

About the models used

Model name: EAn_Ivel Project_Ivel Model_2019

Scenario(s): Defended fluvial, defences removed fluvial, defended climate change fluvial, defences removed climate change fluvial

Date: 1 October 2019

Model name: Hiz NHDC SFRA Climate change

Scenario(s): No defences exist fluvial, no defences exist climate change fluvial

Date: 23 October 2008

Model name: Hiz and tributaries outline from NHDC SFRA

Scenario(s): No defences exist fluvial

Date: 1 July 2008

These models contain the most relevant data for your area of interest.

Terminology used

Annual exceedance probability (AEP)

This refers to the probability of a flood event occurring in any year. The probability is expressed as a percentage. For example, a large flood which is calculated to have a 1% chance of occurring in any one year, is described as 1% AEP.

Metres above ordnance datum (mAOD)

All flood levels are given in metres above ordnance datum which is defined as the mean sea level at Newlyn, Cornwall.

Flood map for planning (rivers and the sea)

Your selected location is in flood zone 2.

Flood zone 3 shows the area at risk of flooding for an undefended flood event with a:

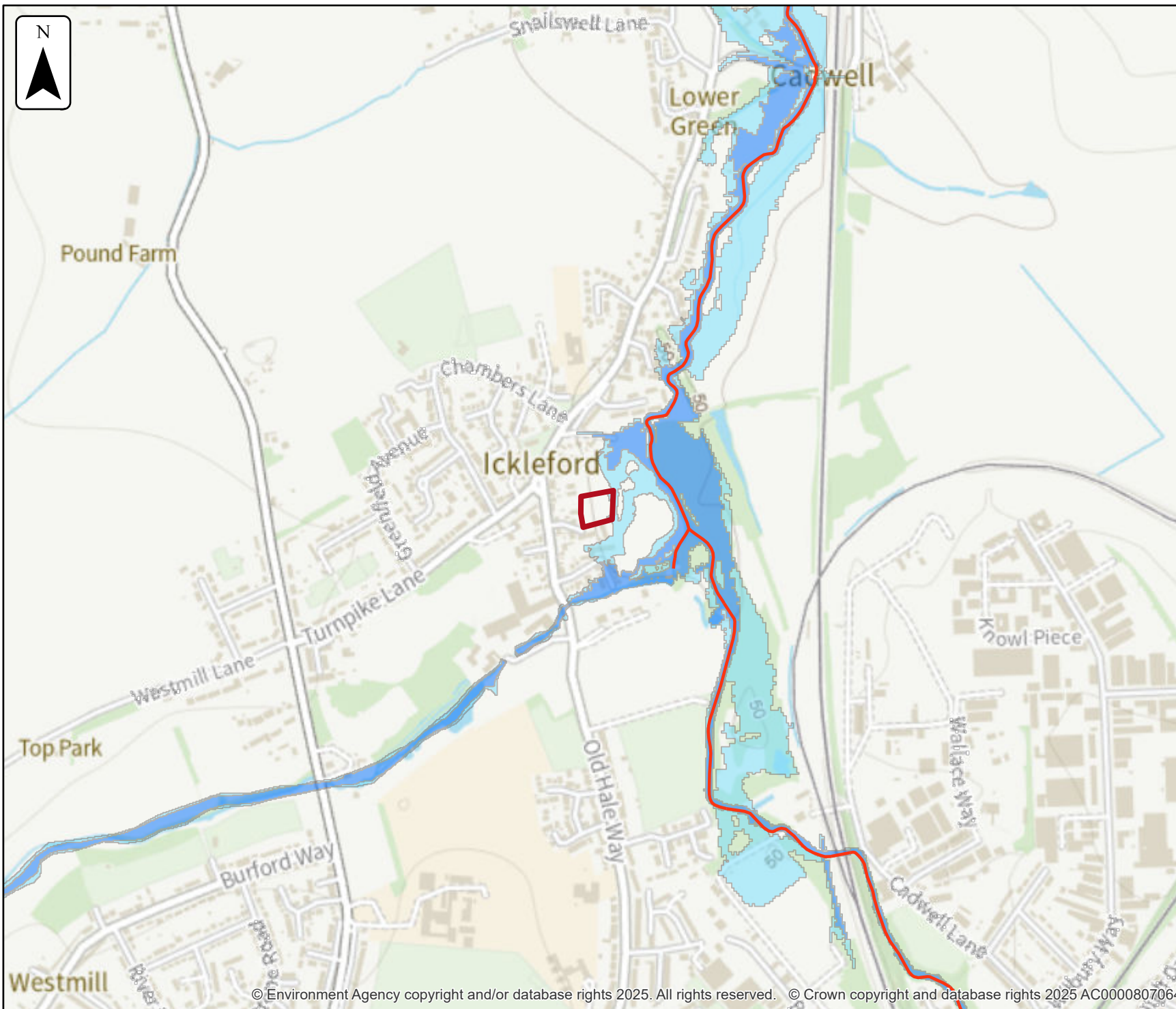
- 0.5% or greater probability of occurring in any year for flooding from the sea
- 1% or greater probability of occurring in any year for fluvial (river) flooding

Flood zone 2 shows the area at risk of flooding for an undefended flood event with:

- between a 0.1% and 0.5% probability of occurring in any year for flooding from the sea
- between a 0.1% and 1% probability of occurring in any year for fluvial (river) flooding

It's important to remember that the flood zones on this map:

- refer to the land at risk of flooding and do not refer to individual properties
- refer to the probability of river and sea flooding, ignoring the presence of defences
- do not take into account potential impacts of climate change



Flood map for planning

Location (easting/northing)
518366/231513

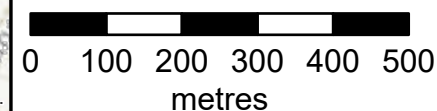
Scale

1:10,000

Created

9 Apr 2025

-  Selected area
-  Main river
-  Flood defence
-  Water storage area
- Flood Zones 2 and 3
- Rivers and Sea
-  Flood Zone 2
-  Flood Zone 3



Past floods

Past flood events included in this document

The recorded flood outlines included in this document are for areas of land local to your site location that have been flooded by any of these sources:

- ephemeral water
- main rivers
- ordinary watercourses
- the sea
- unknown

Data limitations

The outlines do not include flooding from:

- drainage where rainfall has led to surface water ponding or overland runoff
- artificial, water-bearing sewer, water supply and wastewater treatment pipelines

Changes to flood defences

The defences (also known as assets) that were in place may also have changed. For example, assets may have been built more recently than the last recorded flood outline.

What the recorded flood outlines dataset is

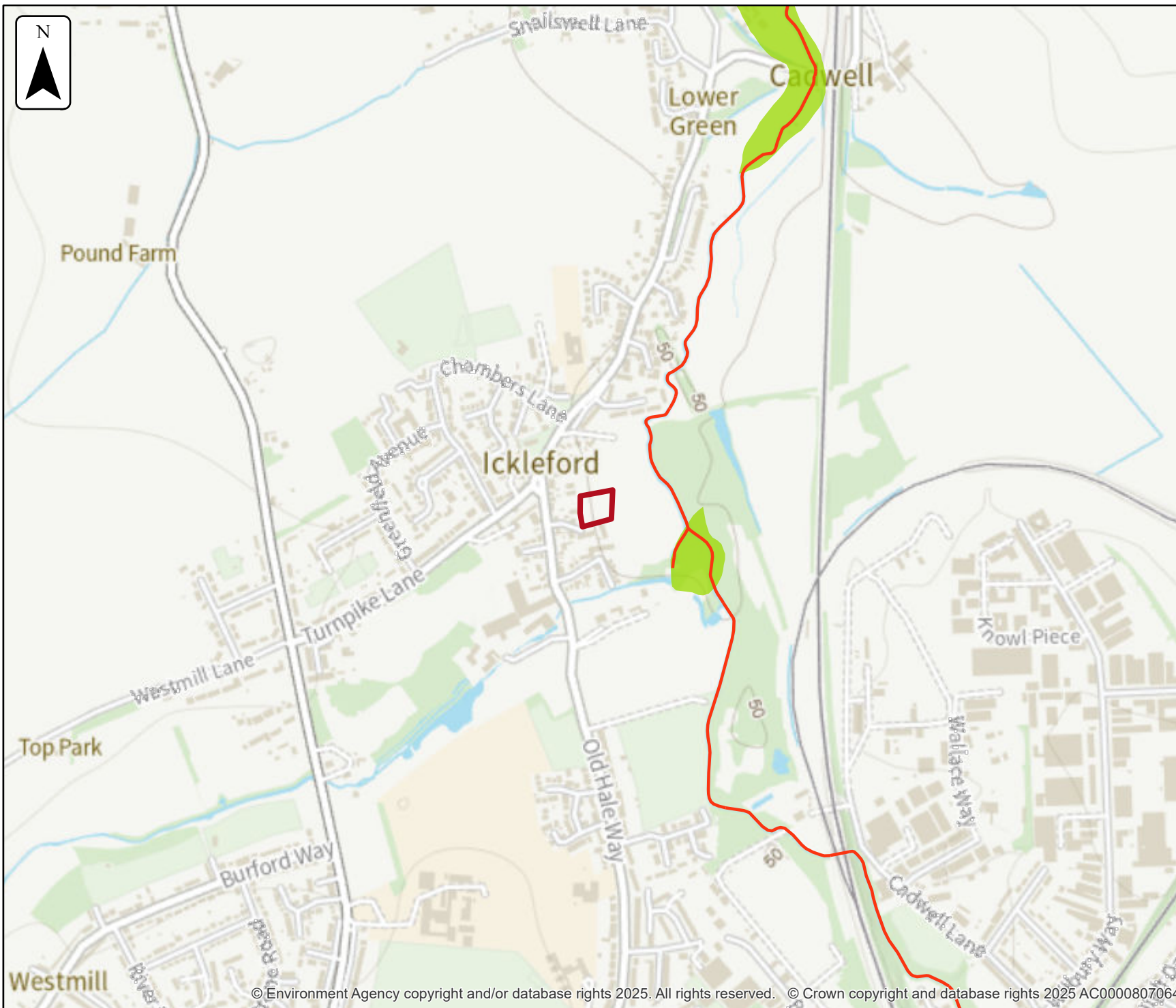
The recorded flood outlines are a geographical information system (GIS) data layer that show our verified records of areas that have flooded in the past from:

- rivers
- the sea
- groundwater
- surface water

[Download the complete recorded flood outlines dataset](#), which includes data quality flags for outlines recorded after April 2020. This indicates the confidence we have in an outline.

Get flood information from other organisations

Contact Hertfordshire County Lead Local Flood Authority (LLFA) and your drainage board to get information about past flooding caused by surface water or drainage systems.



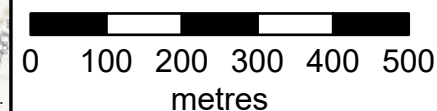
Past floods

Location (easting/northing)
518366/231513

Scale
1:10,000

Created
9 Apr 2025

-  Selected area
-  Main river
- Date of flood event
-  March, 1947



Data on past flood events

Start date	End date	Source of flood	Cause of flood	Affects location
13 March 1947	17 March 1947	main river	channel capacity exceeded (no raised defences)	No

Modelled data

This section provides details of different scenarios we have modelled and includes the following (where available):

- outline maps showing the area at risk from flooding in different modelled scenarios
- modelled node point map(s) showing the points used to get the data to model the scenarios and table(s) providing details of the flood risk for different return periods
- map(s) showing the approximate water levels for the return period with the largest flood extent for a scenario and table(s) of sample points providing details of the flood risk for different return periods

Climate change

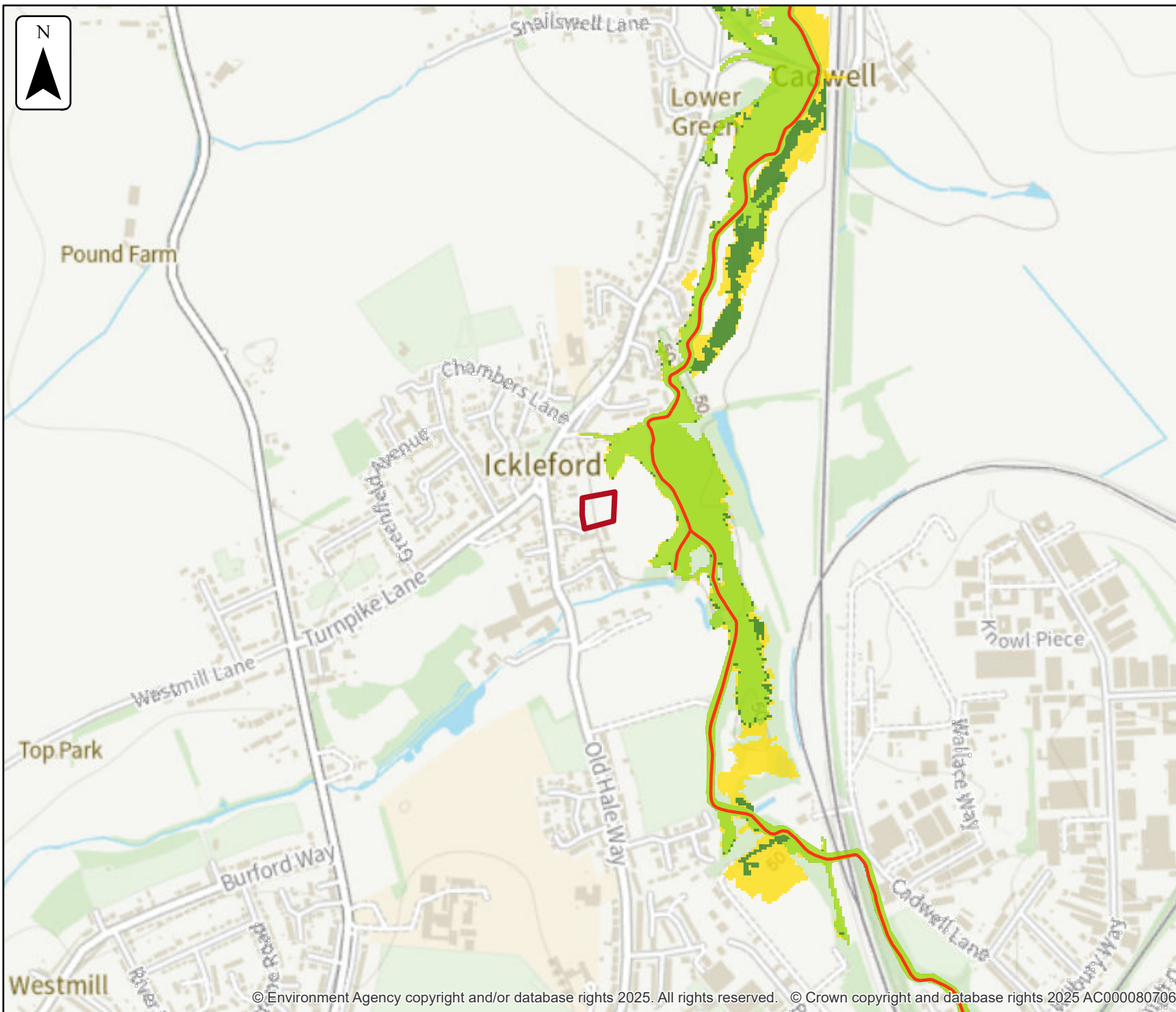
The climate change data included in the models may not include the latest [flood risk assessment climate change allowances](#). Where the new allowances are not available you will need to consider this data and factor in the new allowances to demonstrate the development will be safe from flooding.

The Environment Agency will incorporate the new allowances into future modelling studies. For now, it's your responsibility to demonstrate that new developments will be safe in flood risk terms for their lifetime.

Modelled scenarios

The following scenarios are included:

- Defended modelled fluvial: risk of flooding from rivers where there are flood defences
- Defences removed modelled fluvial: risk of flooding from rivers where flood defences have been removed
- No defences exist modelled fluvial: risk of flooding from rivers where there are no flood defences
- Defended climate change modelled fluvial: risk of flooding from rivers where there are flood defences, including estimated impact of climate change
- Defences removed climate change modelled fluvial: risk of flooding from rivers where flood defences have been removed, including estimated impact of climate change
- No defences exist climate change modelled fluvial: risk of flooding from rivers where there are no flood defences, including estimated impact of climate change



Defences removed climate change modelled fluvial extent

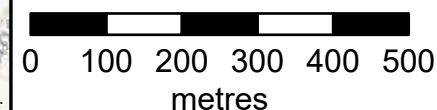
Location (easting/northing)
518366/231513

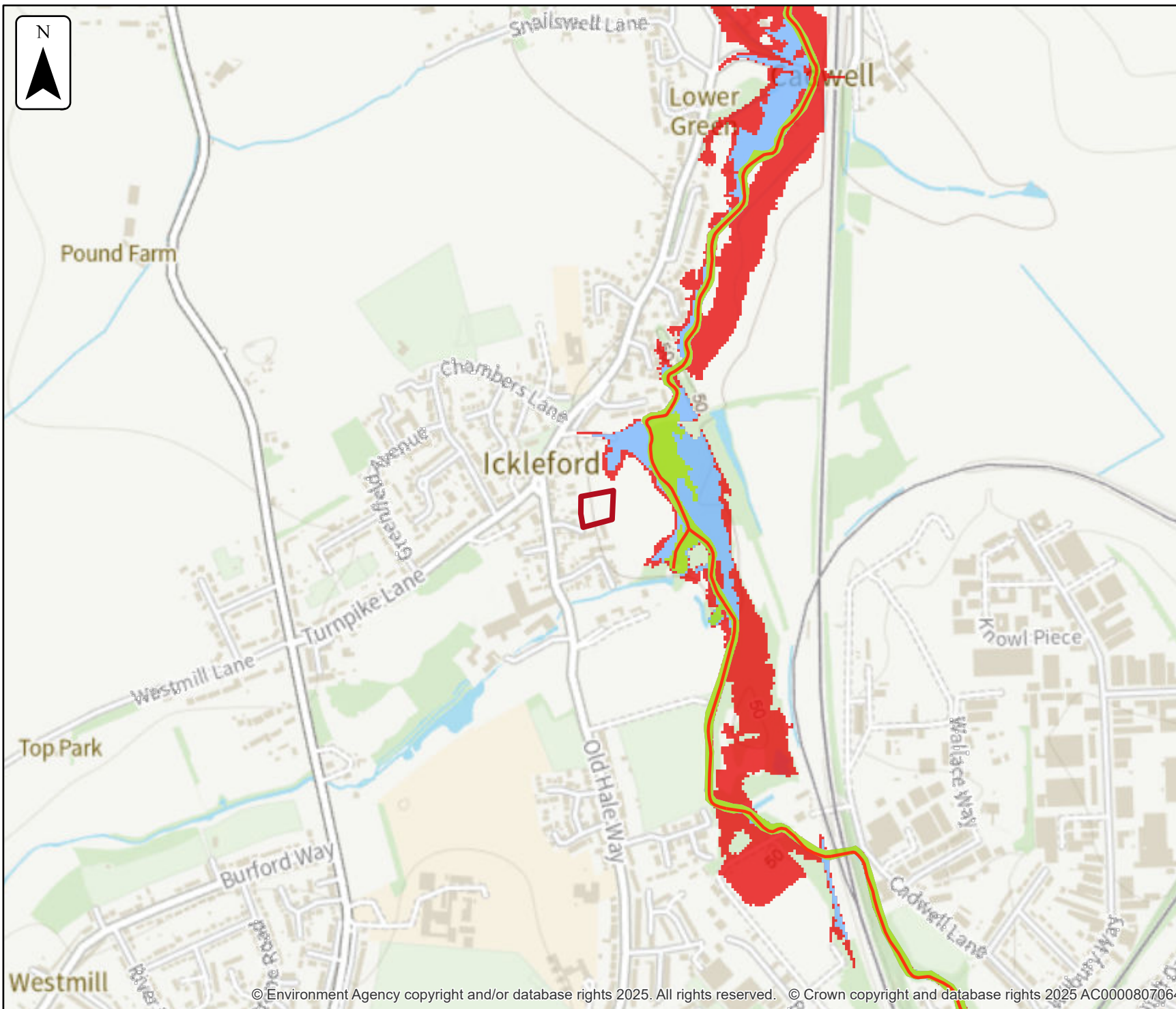
Scale Created
1:10,000 9 Apr 2025

Model name
**EAn Ivel Project
Model 2019**

-  Selected area
-  Main river
- Modelled flood extent
-  1% AEP (+25%)
 -  1% AEP (+35%)
 -  1% AEP (+65%)

Flood extents may not be
visible where they overlap
other return periods





Defences removed modelled fluvial extent

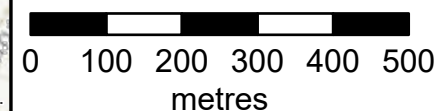
Location (easting/northing)
518366/231513

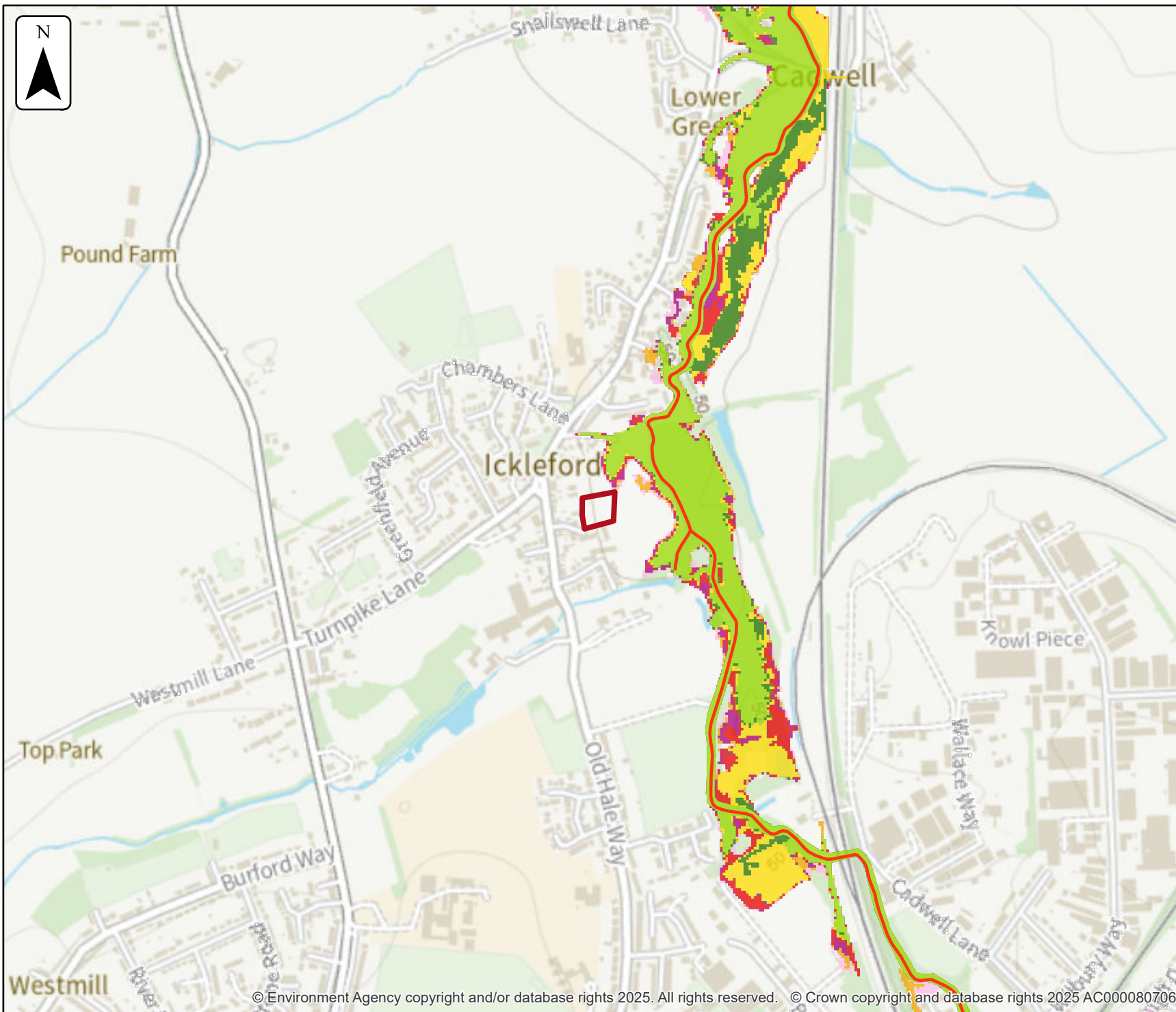
Scale Created
1:10,000 9 Apr 2025

Model name
**EAn Ivel Project
Model 2019**

-  Selected area
-  Main river
- Modelled flood extent
 -  5% AEP
 -  1% AEP
 -  0.1% AEP

Flood extents may not be
visible where they overlap
other return periods





Defended climate change modelled fluvial extent

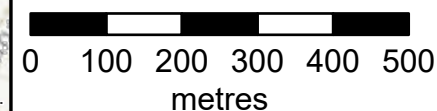
Location (easting/northing)
518366/231513

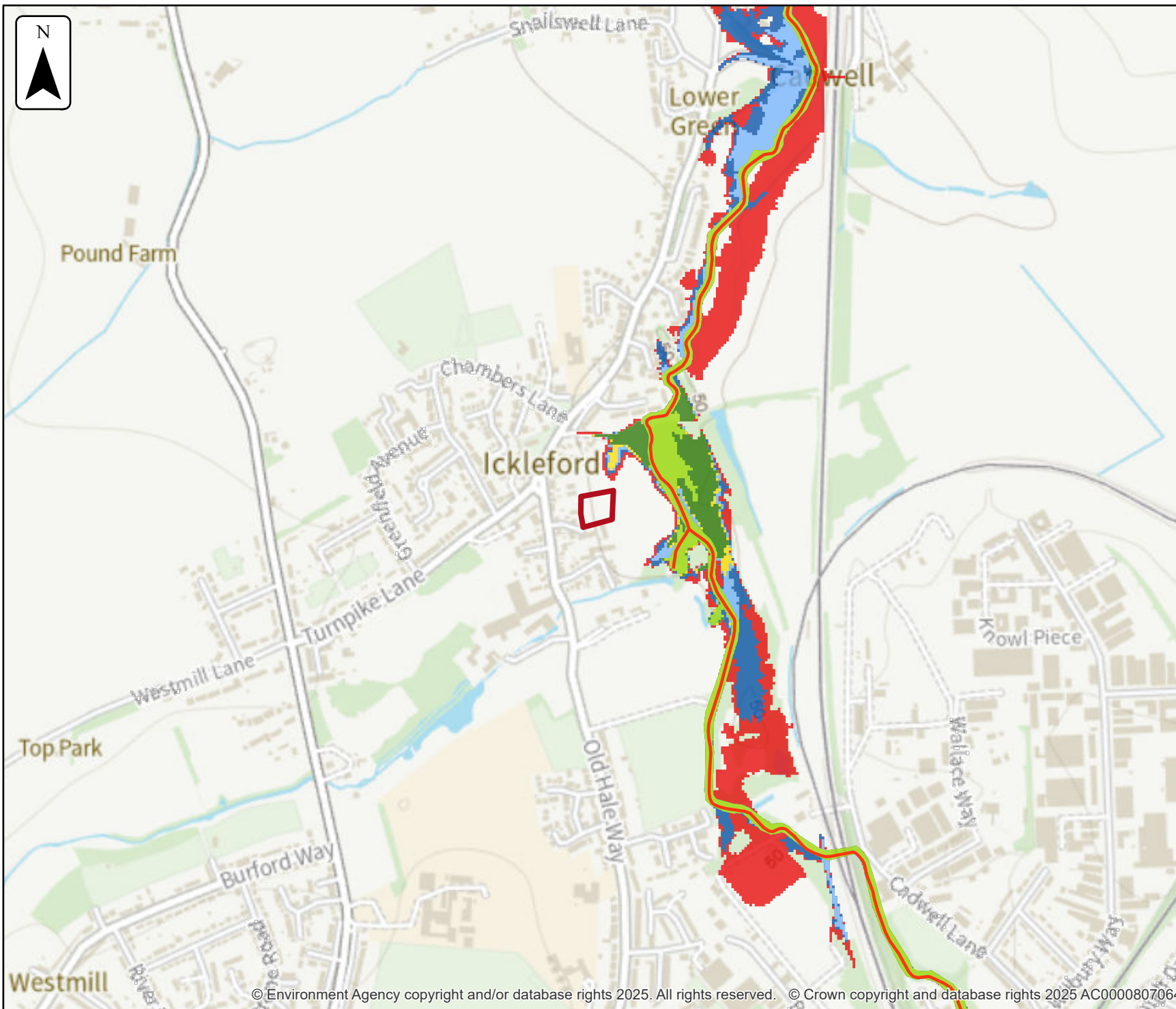
Scale Created
1:10,000 9 Apr 2025

Model name
**EAn Ivel Project
Model 2019**

- Selected area
- Main river
- Modelled flood extent
- 1% AEP (+25%)
- 1% AEP (+35%)
- 1% AEP (+65%)
- 0.5% AEP (+25%)
- 0.5% AEP (+35%)
- 0.5% AEP (+65%)
- 0.1% AEP (+25%)
- 0.1% AEP (+35%)
- 0.1% AEP (+65%)

Flood extents may not be
visible where they overlap
other return periods





Defended modelled fluvial extent

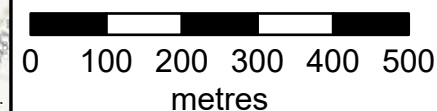
Location (easting/northing)
518366/231513

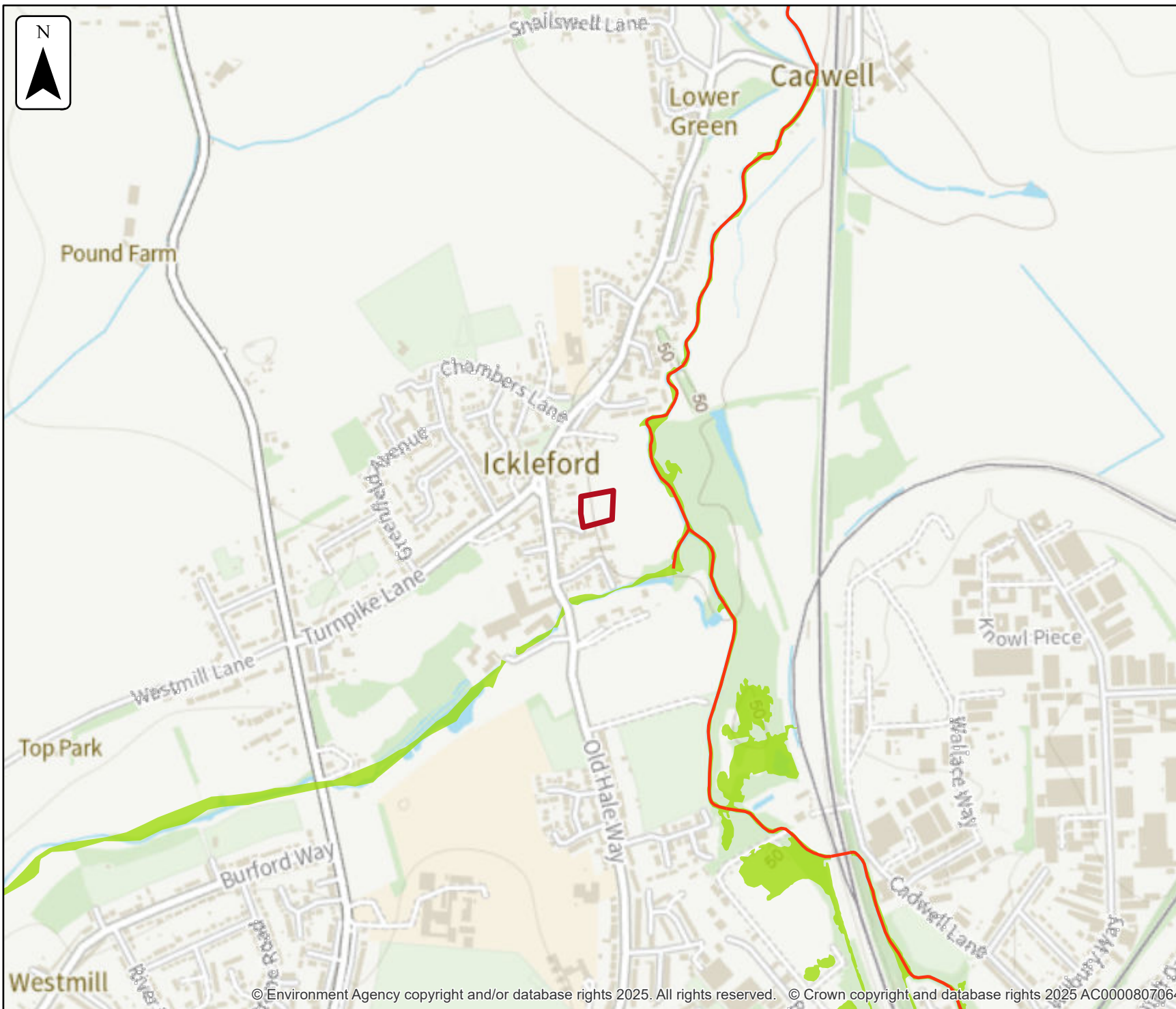
Scale Created
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Model name
**EAn Ivel Project
Model 2019**

-  Selected area
-  Main river
- Modelled flood extent
-  5% AEP
-  2% AEP
-  1.33% AEP
-  1% AEP
-  0.5% AEP
-  0.1% AEP

Flood extents may not be
visible where they overlap
other return periods





**No defences exist
climate change
modelled fluvial extent**

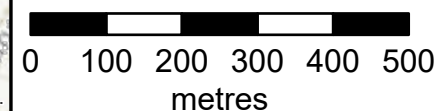
Location (easting/northing)
518366/231513

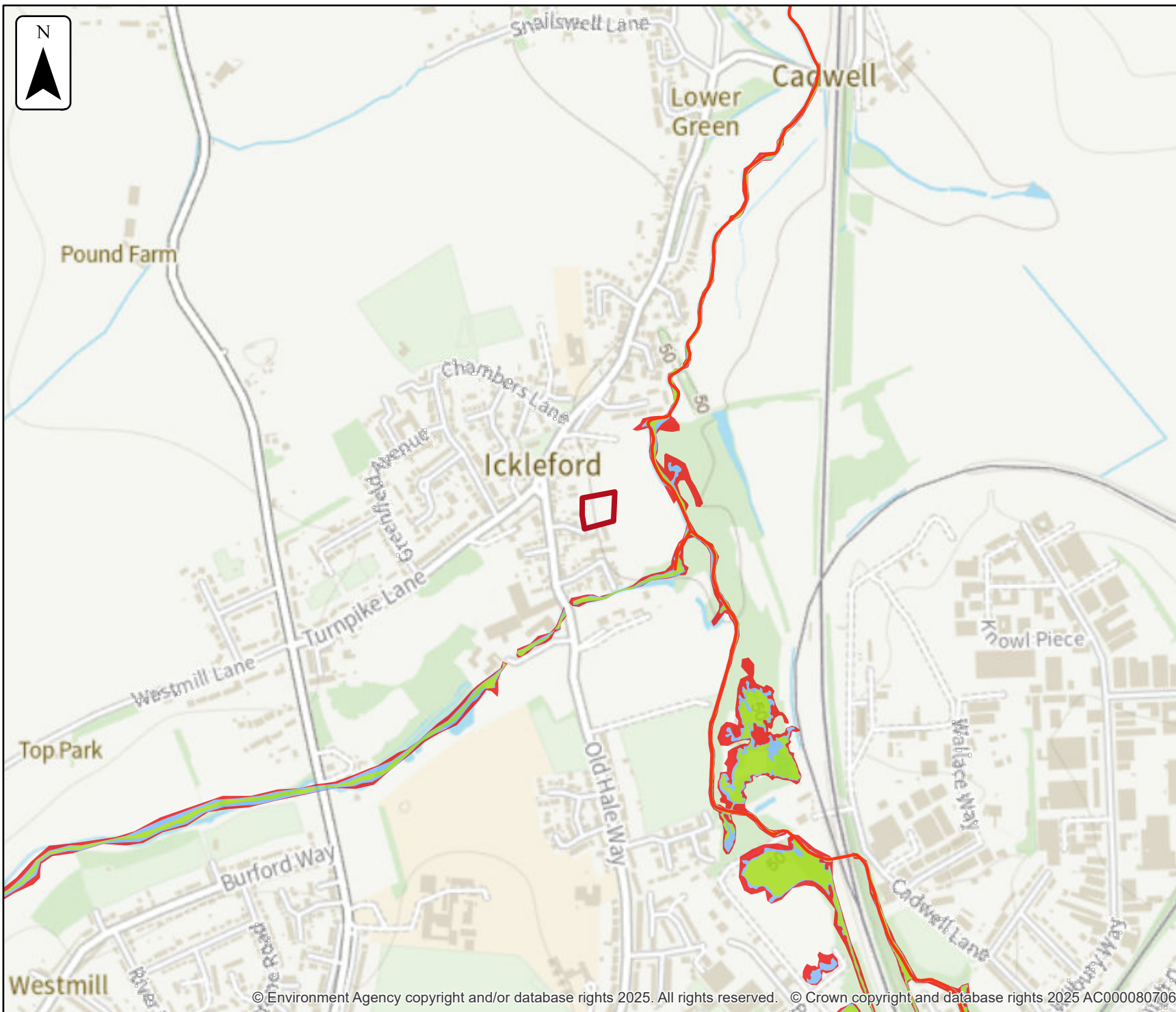
Scale Created
1:10,000 9 Apr 2025

Model name
Hiz NHDC SFRA change

-  Selected area
 Main river
Modelled flood extent
 1% AEP (+20%)

Flood extents may not be
visible where they overlap
other return periods





No defences exist modelled fluvial extent

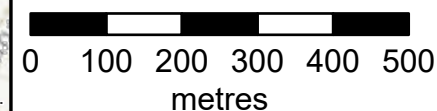
Location (easting/northing)
518366/231513

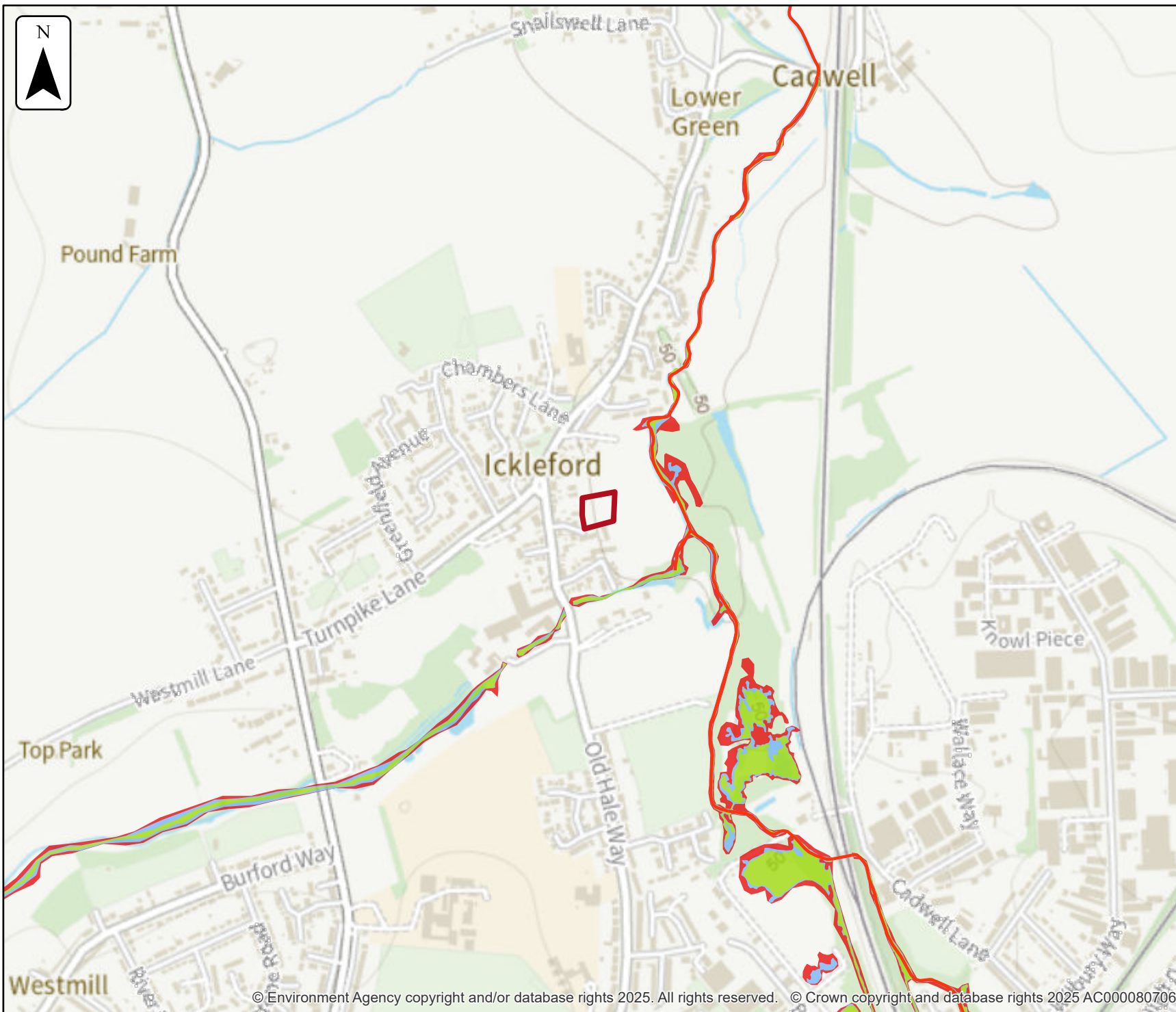
Scale Created
1:10,000 9 Apr 2025

Model name
Hiz NHDC SFRA change

-  Selected area
-  Main river
- Modelled flood extent
 -  5% AEP
 -  1% AEP
 -  0.1% AEP

Flood extents may not be
visible where they overlap
other return periods





No defences exist modelled fluvial extent

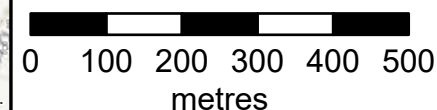
Location (easting/northing)
518366/231513

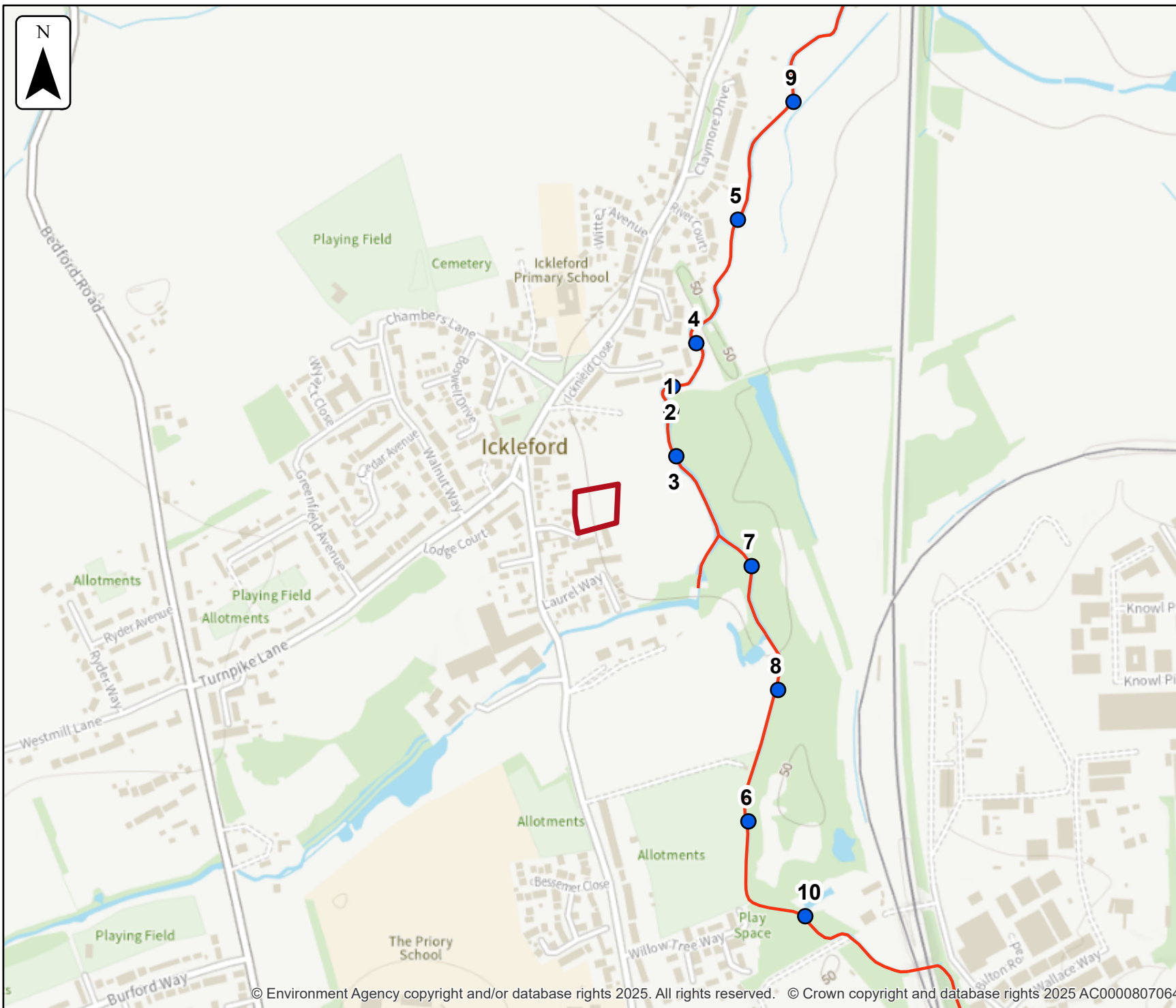
Scale Created
1:10,000 9 Apr 2025

Model name
**Hiz and tributaries
outline from NHDC**

-  Selected area
-  Main river
- Modelled flood extent
 -  5% AEP
 -  1% AEP
 -  0.1% AEP

Flood extents may not be
visible where they overlap
other return periods





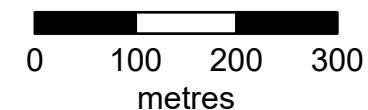
Defences removed climate change modelled fluvial node locations

Location (easting/northing)
518366/231513

Scale Created
1:7,500 9 Apr 2025

Model name
**EAn Ivel Project
Model 2019**

-  Selected area
-  Modelled location
-  Main river



Modelled node locations data

Defences removed climate change

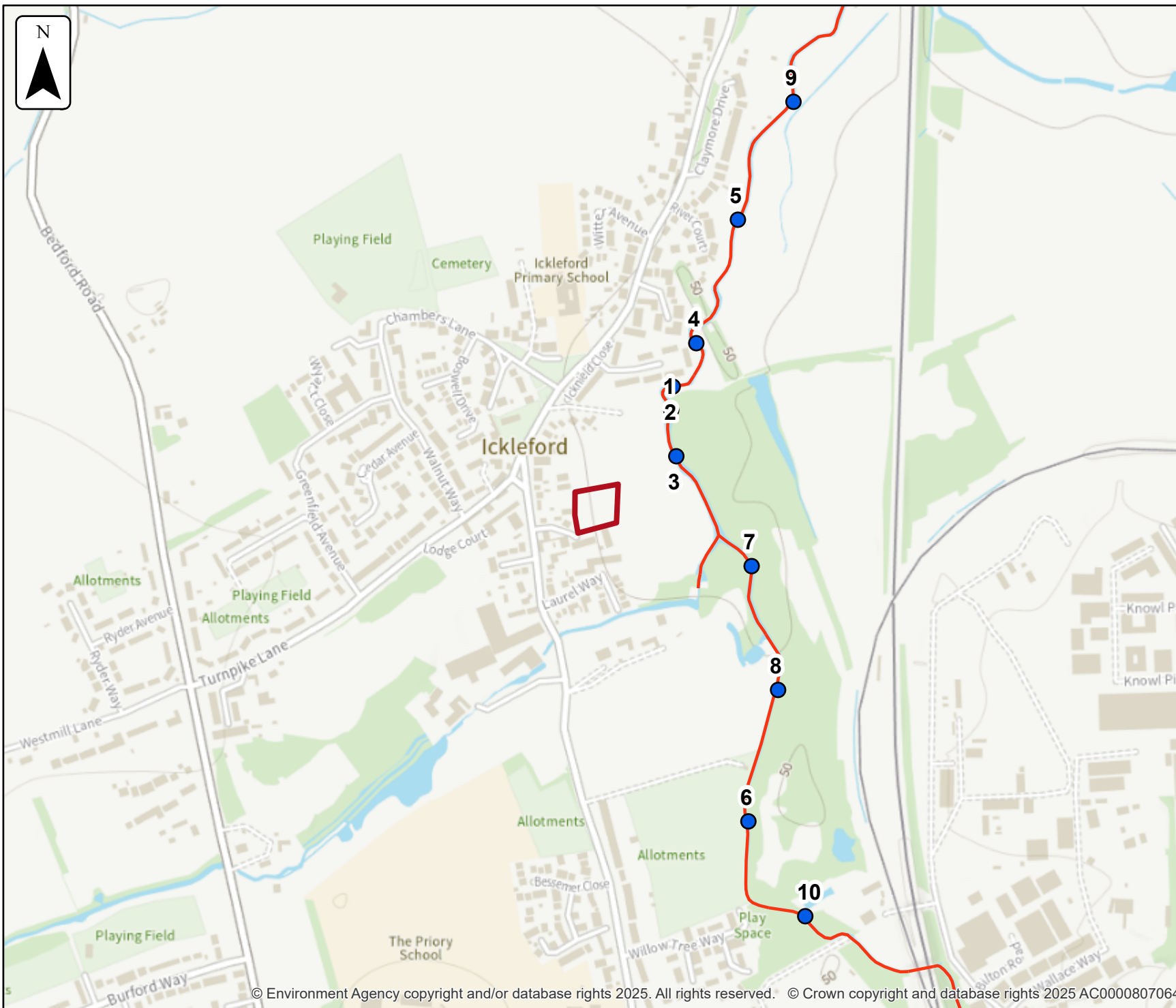
Label	Modelled location ID	Easting	Northing	1% AEP (+25%)	1% AEP (+35%)	1% AEP (+65%)	0.5% AEP (+25%)	0.5% AEP (+35%)	0.5% AEP (+65%)	0.1% AEP (+25%)	0.1% AEP (+35%)	0.1% AEP (+65%)
				Level	Level	Level	Level	Level	Level	Level	Level	Level
1	1364518	518476	231656	49.41	49.44	49.49	49.46	49.49	49.57	49.63	49.66	49.72
2	1364704	518478	231690	49.30	49.32	49.36	49.34	49.36	49.44	49.49	49.52	49.58
3	1364383	518483	231589	49.48	49.50	49.55	49.53	49.55	49.63	49.69	49.72	49.76
4	1364697	518512	231753	49.06	49.09	49.13	49.11	49.13	49.19	49.24	49.27	49.32
5	1364376	518573	231933	48.47	48.51	48.58	48.56	48.58	48.64	48.67	48.69	48.72
6	1364338	518588	231057	50.56	50.60	50.67	50.64	50.67	50.74	50.78	50.79	50.83
7	1364553	518593	231429	49.60	49.62	49.67	49.65	49.67	49.75	49.81	49.84	49.89
8	1364554	518631	231248	49.89	49.92	49.96	49.94	49.96	50.03	50.09	50.12	50.17
9	1364348	518653	232104	47.93	47.96	47.99	47.98	47.99	48.04	48.08	48.10	48.14
10	1364544	518670	230919	51.26	51.30	51.38	51.35	51.38	51.48	51.53	51.56	51.61

Data in this table comes from the EAn lvel Project lvel Model 2019 model.
 Level values are shown in mAOD, and flow values are shown in cubic metres per second.
 Any blank cells show where a particular scenario has not been modelled for this location.

Defences removed climate change

Label	Modelled location ID	Easting	Northing	1% AEP (+25%)	1% AEP (+35%)	1% AEP (+65%)	0.5% AEP (+25%)	0.5% AEP (+35%)	0.5% AEP (+65%)	0.1% AEP (+25%)	0.1% AEP (+35%)	0.1% AEP (+65%)
				Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow
1	1364518	518476	231656	12.77	13.35	14.57	14.01	14.57	16.85	18.66	19.59	21.20
2	1364704	518478	231690	12.90	13.51	14.80	14.20	14.80	17.21	19.27	20.39	22.58
3	1364383	518483	231589	12.54	13.01	13.87	13.50	13.87	15.12	15.80	16.09	16.59
4	1364697	518512	231753	15.57	16.52	18.12	17.44	18.12	20.30	22.18	23.24	25.34
5	1364376	518573	231933	16.55	17.71	19.75	18.89	19.75	21.91	23.42	24.02	25.24
6	1364338	518588	231057	15.84	16.97	19.19	18.23	19.19	21.95	23.44	24.04	25.35
7	1364553	518593	231429	12.15	12.78	14.03	13.44	14.03	16.06	17.76	18.61	20.39
8	1364554	518631	231248	15.30	16.21	17.88	17.13	17.88	20.53	22.60	23.64	25.76
9	1364348	518653	232104	16.28	17.13	18.19	17.80	18.19	19.63	20.85	21.51	22.88
10	1364544	518670	230919	15.70	16.83	19.02	18.07	19.02	21.77	23.50	24.25	25.96

Data in this table comes from the EAn lvel Project lvel Model 2019 model.
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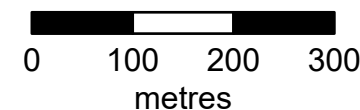
Defences removed modelled fluvial node locations

Location (easting/northing)
518366/231513

Scale Created
1:7,500 9 Apr 2025

Model name
**EAn Ivel Project
Model 2019**

-  Selected area
-  Modelled location
-  Main river

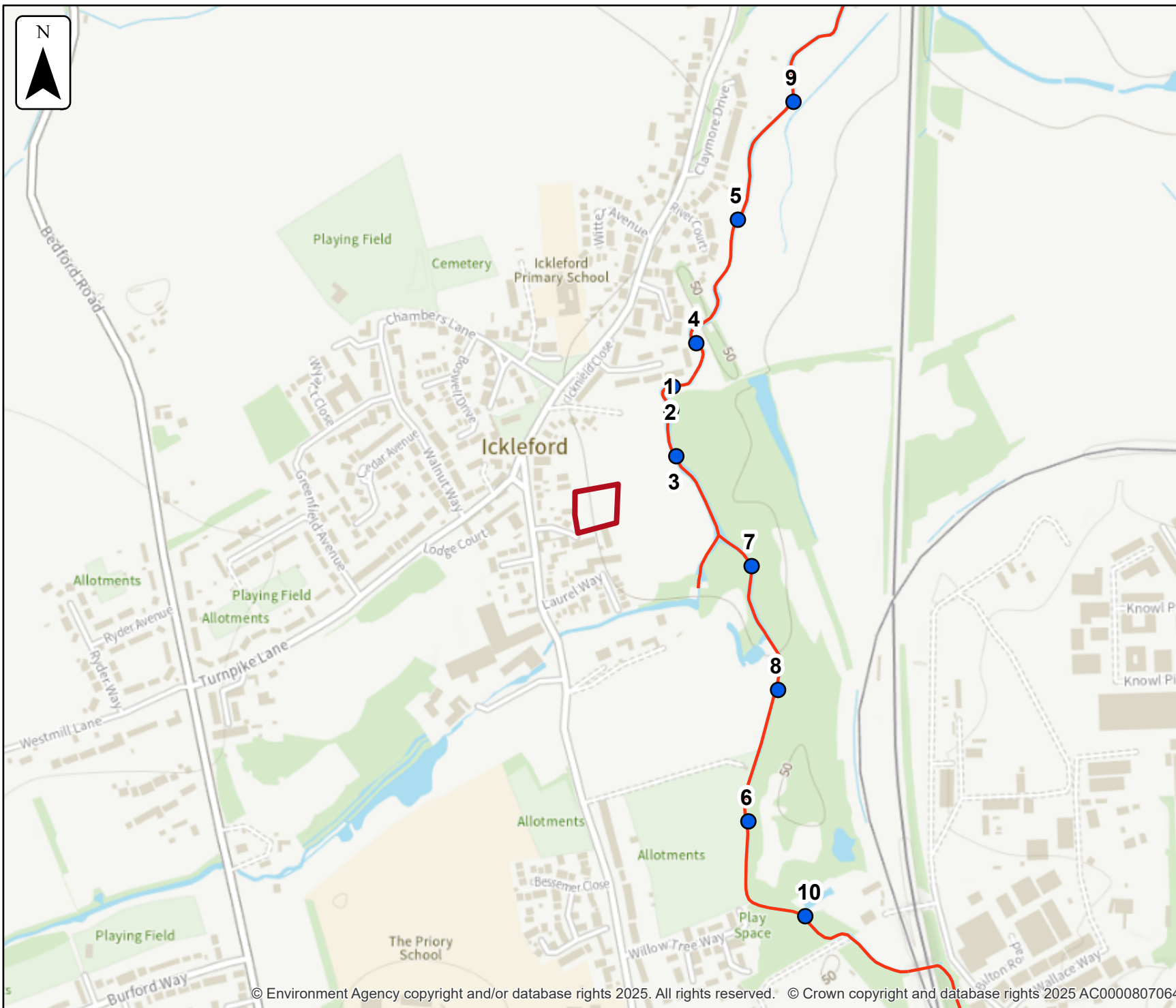


Modelled node locations data

Defences removed

Label	Modelled location ID	Easting	Northing	5% AEP	1% AEP	0.1% AEP	5% AEP	1% AEP	0.1% AEP
				Level	Level	Level	Flow	Flow	Flow
1	1364518	518476	231656	49.15	49.33	49.54	8.07	10.96	16.11
2	1364704	518478	231690	49.05	49.22	49.41	8.15	11.06	16.44
3	1364383	518483	231589	49.22	49.40	49.60	8.01	10.85	14.75
4	1364697	518512	231753	48.75	48.98	49.18	8.21	12.89	19.64
5	1364376	518573	231933	48.08	48.33	48.63	8.28	13.03	21.36
6	1364338	518588	231057	50.08	50.39	50.72	7.87	12.39	21.23
7	1364553	518593	231429	49.36	49.51	49.73	8.01	10.34	15.46
8	1364554	518631	231248	49.57	49.78	50.01	7.94	12.43	19.74
9	1364348	518653	232104	47.56	47.83	48.03	8.35	13.11	19.19
10	1364544	518670	230919	50.84	51.09	51.45	7.80	12.28	21.02

Data in this table comes from the EAn Ivel Project Ivel Model 2019 model.
Level values are shown in mAOD, and flow values are shown in cubic metres per second.
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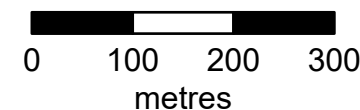
Defended climate change modelled fluvial node locations

Location (easting/northing)
518366/231513

Scale Created
1:7,500 9 Apr 2025

Model name
**EAn Ivel Project
Model 2019**

-  Selected area
-  Modelled location
-  Main river



Modelled node locations data

Defended climate change

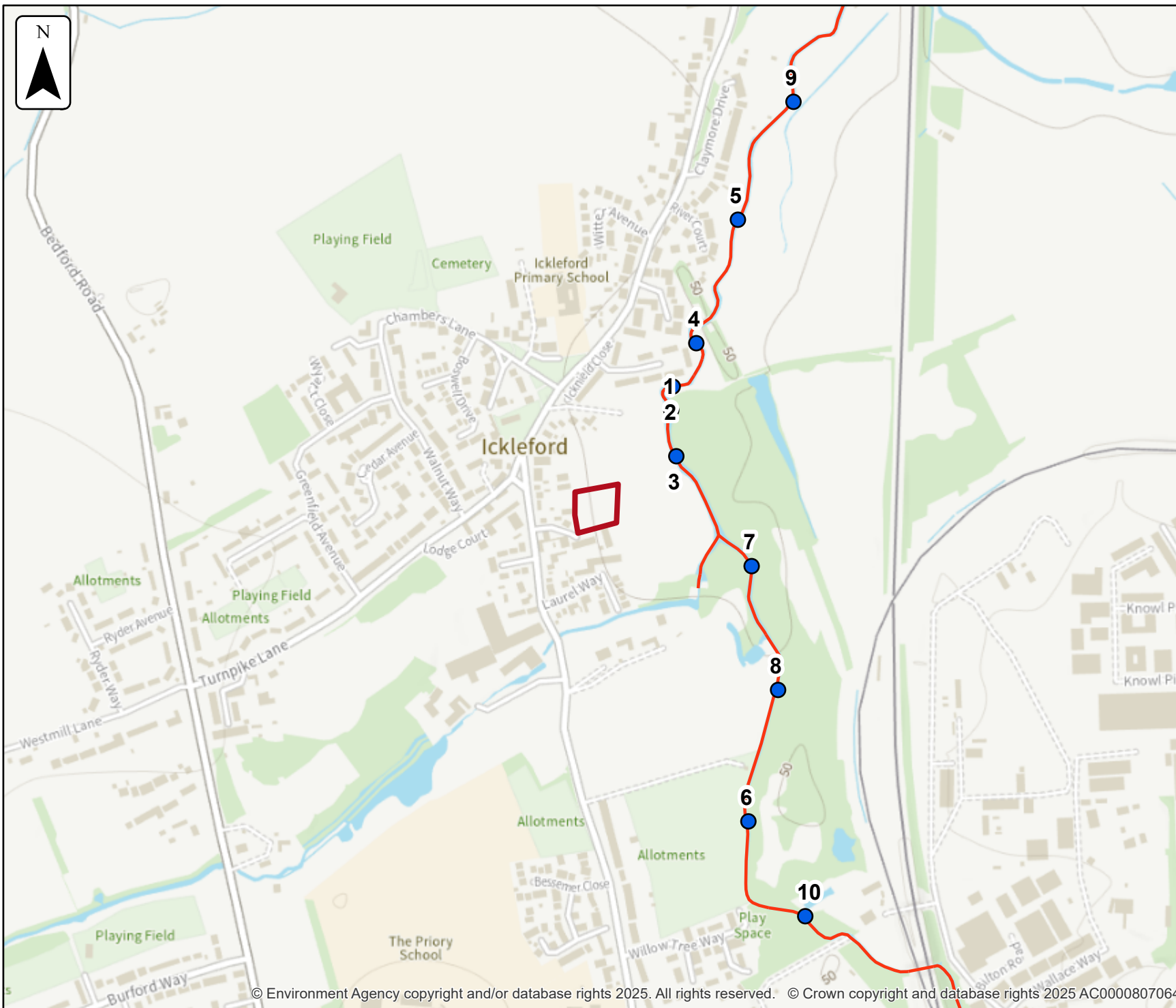
Label	Modelled location ID	Easting	Northing	1% AEP (+25%)	1% AEP (+35%)	1% AEP (+65%)	0.5% AEP (+25%)	0.5% AEP (+35%)	0.5% AEP (+65%)	0.1% AEP (+25%)	0.1% AEP (+35%)	0.1% AEP (+65%)
				Level	Level	Level	Level	Level	Level	Level	Level	Level
1	1364518	518476	231656	49.41	49.44	49.49	49.46	49.49	49.57	49.63	49.66	49.72
2	1364704	518478	231690	49.30	49.32	49.36	49.34	49.36	49.44	49.49	49.52	49.58
3	1364383	518483	231589	49.48	49.50	49.55	49.53	49.55	49.63	49.69	49.72	49.76
4	1364697	518512	231753	49.06	49.09	49.13	49.11	49.13	49.19	49.24	49.27	49.32
5	1364376	518573	231933	48.47	48.51	48.58	48.56	48.58	48.64	48.67	48.69	48.72
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7	1364553	518593	231429	49.60	49.62	49.67	49.65	49.67	49.75	49.81	49.84	49.89
8	1364554	518631	231248	49.89	49.92	49.96	49.94	49.96	50.03	50.09	50.12	50.17
9	1364348	518653	232104	47.93	47.96	47.99	47.98	47.99	48.04	48.08	48.10	48.14
10	1364544	518670	230919	51.26	51.30	51.38	51.35	51.38	51.48	51.53	51.56	51.61

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 Level values are shown in mAOD, and flow values are shown in cubic metres per second.
 Any blank cells show where a particular scenario has not been modelled for this location.

Defended climate change

Label	Modelled location ID	Easting	Northing	1% AEP (+25%)	1% AEP (+35%)	1% AEP (+65%)	0.5% AEP (+25%)	0.5% AEP (+35%)	0.5% AEP (+65%)	0.1% AEP (+25%)	0.1% AEP (+35%)	0.1% AEP (+65%)
				Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow
1	1364518	518476	231656	12.77	13.35	14.57	14.01	14.57	16.85	18.66	19.59	21.20
2	1364704	518478	231690	12.90	13.51	14.80	14.20	14.80	17.21	19.27	20.39	22.58
3	1364383	518483	231589	12.54	13.01	13.87	13.50	13.87	15.12	15.80	16.09	16.59
4	1364697	518512	231753	15.57	16.52	18.12	17.44	18.12	20.30	22.18	23.24	25.34
5	1364376	518573	231933	16.55	17.71	19.75	18.89	19.75	21.91	23.42	24.02	25.24
6	1364338	518588	231057	15.84	16.97	19.19	18.23	19.19	21.95	23.44	24.04	25.35
7	1364553	518593	231429	12.15	12.78	14.03	13.44	14.03	16.06	17.76	18.61	20.39
8	1364554	518631	231248	15.30	16.21	17.88	17.13	17.88	20.53	22.60	23.64	25.76
9	1364348	518653	232104	16.28	17.13	18.19	17.80	18.19	19.63	20.85	21.51	22.88
10	1364544	518670	230919	15.70	16.83	19.02	18.07	19.02	21.77	23.50	24.25	25.96

Data in this table comes from the EAn lvel Project lvel Model 2019 model.
 Level values are shown in mAOD, and flow values are shown in cubic metres per second.
 Any blank cells show where a particular scenario has not been modelled for this location.



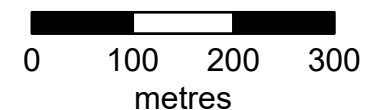
Defended modelled fluvial node locations

Location (easting/northing)
518366/231513

Scale Created
1:7,500 9 Apr 2025

Model name
**EAn Ivel Project
Model 2019**

-  Selected area
-  Modelled location
-  Main river



Modelled node locations data

Defended

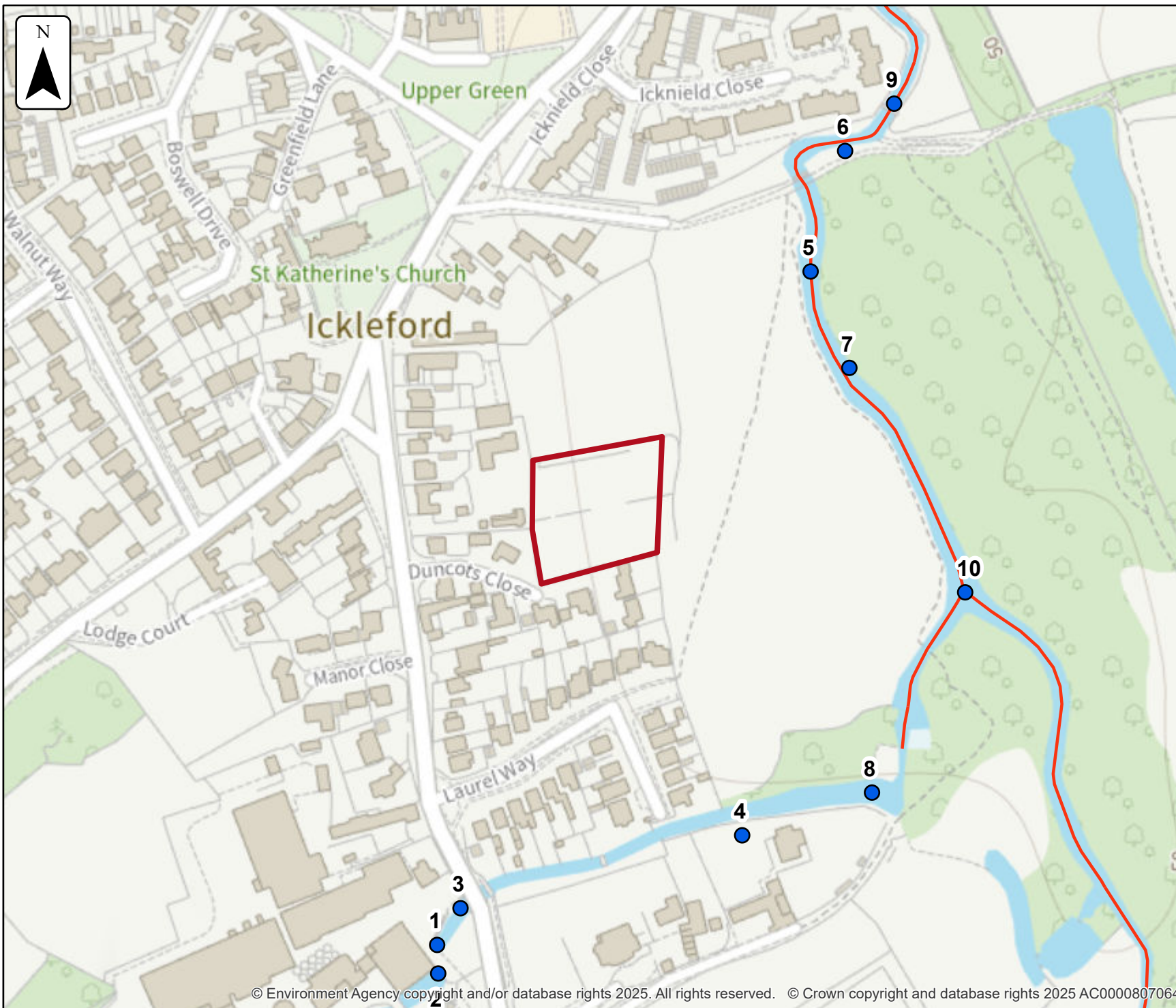
Label	Modelled location ID	Easting	Northing	50% AEP	20% AEP	10% AEP	5% AEP	4% AEP	3.33% AEP	2% AEP	1.33% AEP	1% AEP	0.5% AEP	0.1% AEP
				Level	Level	Level	Level	Level	Level	Level	Level	Level	Level	Level
1	1364518	518476	231656	48.86	48.99	49.08	49.15	49.17	49.18	49.23	49.27	49.33	49.40	49.54
2	1364704	518478	231690	48.77	48.89	48.98	49.05	49.06	49.08	49.12	49.16	49.22	49.29	49.41
3	1364383	518483	231589	48.93	49.06	49.15	49.22	49.24	49.25	49.29	49.34	49.40	49.47	49.60
4	1364697	518512	231753	48.50	48.61	48.69	48.75	48.77	48.79	48.84	48.90	48.98	49.05	49.18
5	1364376	518573	231933	47.81	47.92	48.01	48.08	48.09	48.11	48.17	48.23	48.33	48.45	48.63
6	1364338	518588	231057	49.74	49.89	49.99	50.08	50.12	50.14	50.20	50.27	50.39	50.54	50.72
7	1364553	518593	231429	49.06	49.20	49.28	49.36	49.38	49.39	49.43	49.47	49.51	49.59	49.73
8	1364554	518631	231248	49.25	49.39	49.49	49.57	49.60	49.62	49.66	49.71	49.78	49.88	50.01
9	1364348	518653	232104	47.27	47.40	47.48	47.56	47.58	47.60	47.66	47.73	47.83	47.92	48.03
10	1364544	518670	230919	50.54	50.67	50.76	50.84	50.87	50.89	50.93	50.99	51.09	51.24	51.45

Data in this table comes from the EAn Ivel Project Ivel Model 2019 model.
Level values are shown in mAOD, and flow values are shown in cubic metres per second.
Any blank cells show where a particular scenario has not been modelled for this location.

Defended

Label	Modelled location ID	Easting	Northing	50% AEP	20% AEP	10% AEP	5% AEP	4% AEP	3.33% AEP	2% AEP	1.33% AEP	1% AEP	0.5% AEP	0.1% AEP
				Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow
1	1364518	518476	231656	4.35	5.84	7.0	8.07	8.35	8.58	9.20	9.91	10.96	12.54	16.11
2	1364704	518478	231690	4.38	5.89	7.06	8.15	8.42	8.66	9.29	10.01	11.06	12.67	16.44
3	1364383	518483	231589	4.31	5.79	6.95	8.01	8.28	8.50	9.12	9.82	10.85	12.35	14.75
4	1364697	518512	231753	4.42	5.93	7.12	8.21	8.50	8.84	9.79	10.98	12.89	15.21	19.64
5	1364376	518573	231933	4.45	5.98	7.18	8.28	8.57	8.91	9.88	11.07	13.03	16.09	21.36
6	1364338	518588	231057	4.22	5.66	6.80	7.87	8.29	8.64	9.40	10.48	12.39	15.37	21.23
7	1364553	518593	231429	4.28	5.75	6.89	8.01	8.41	8.75	9.26	9.62	10.34	11.94	15.46
8	1364554	518631	231248	4.25	5.71	6.85	7.94	8.36	8.72	9.48	10.57	12.43	14.94	19.74
9	1364348	518653	232104	4.48	6.03	7.23	8.35	8.64	8.99	9.96	11.17	13.11	15.89	19.19
10	1364544	518670	230919	4.18	5.62	6.74	7.80	8.21	8.57	9.31	10.39	12.28	15.24	21.02

Data in this table comes from the EAn Ivel Project Ivel Model 2019 model.
Level values are shown in mAOD, and flow values are shown in cubic metres per second.
Any blank cells show where a particular scenario has not been modelled for this location.



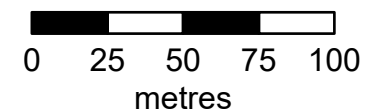
**No defences exist
climate change
modelled fluvial
node locations**

Location (easting/northing)
518366/231513

Scale Created
1:2,500 9 Apr 2025

Model name
Hiz NHDC SFRA change

-  Selected area
-  Modelled location
-  Main river

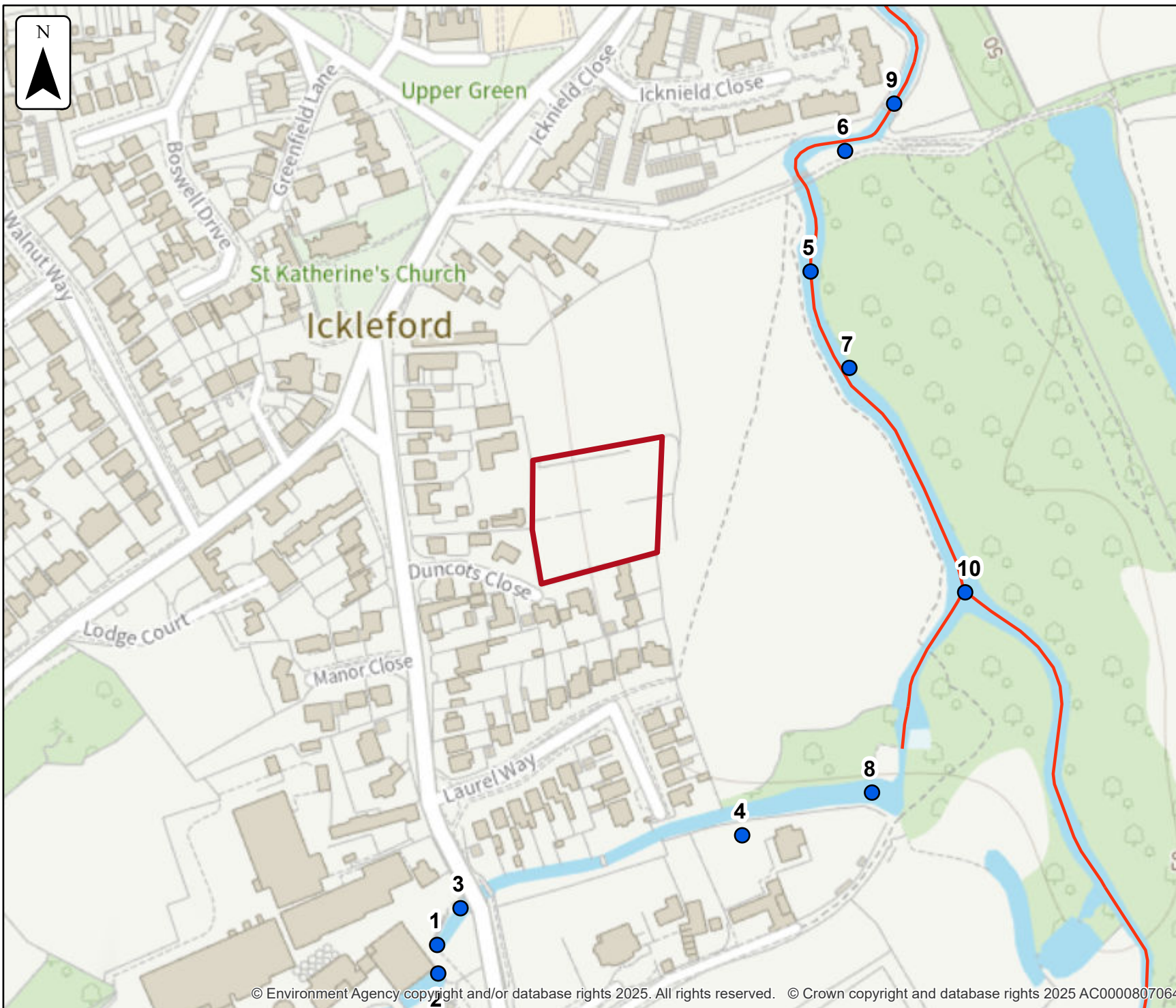


Modelled node locations data

No defences exist climate change

Label	Modelled location ID	Easting	Northing	1% AEP (+20%)
				Level
1	1503392	518289	231301	50.87
2	1503473	518290	231288	51.53
3	1503420	518301	231319	50.76
4	1503531	518437	231355	49.67
5	1503395	518470	231628	48.66
6	1503465	518487	231687	48.64
7	1503404	518489	231581	48.98
8	1503396	518500	231375	48.98
9	1503439	518511	231710	48.05
10	1503413	518545	231472	48.98

Data in this table comes from the Hiz NHDC SFRA Climate change model.
 Level values are shown in mAOD, and flow values are shown in cubic metres per second.
 Any blank cells show where a particular scenario has not been modelled for this location.



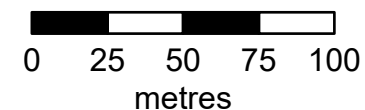
No defences exist modelled fluvial node locations

Location (easting/northing)
518366/231513

Scale Created
1:2,500 9 Apr 2025

Model name
Hiz NHDC SFRA change

-  Selected area
-  Modelled location
-  Main river

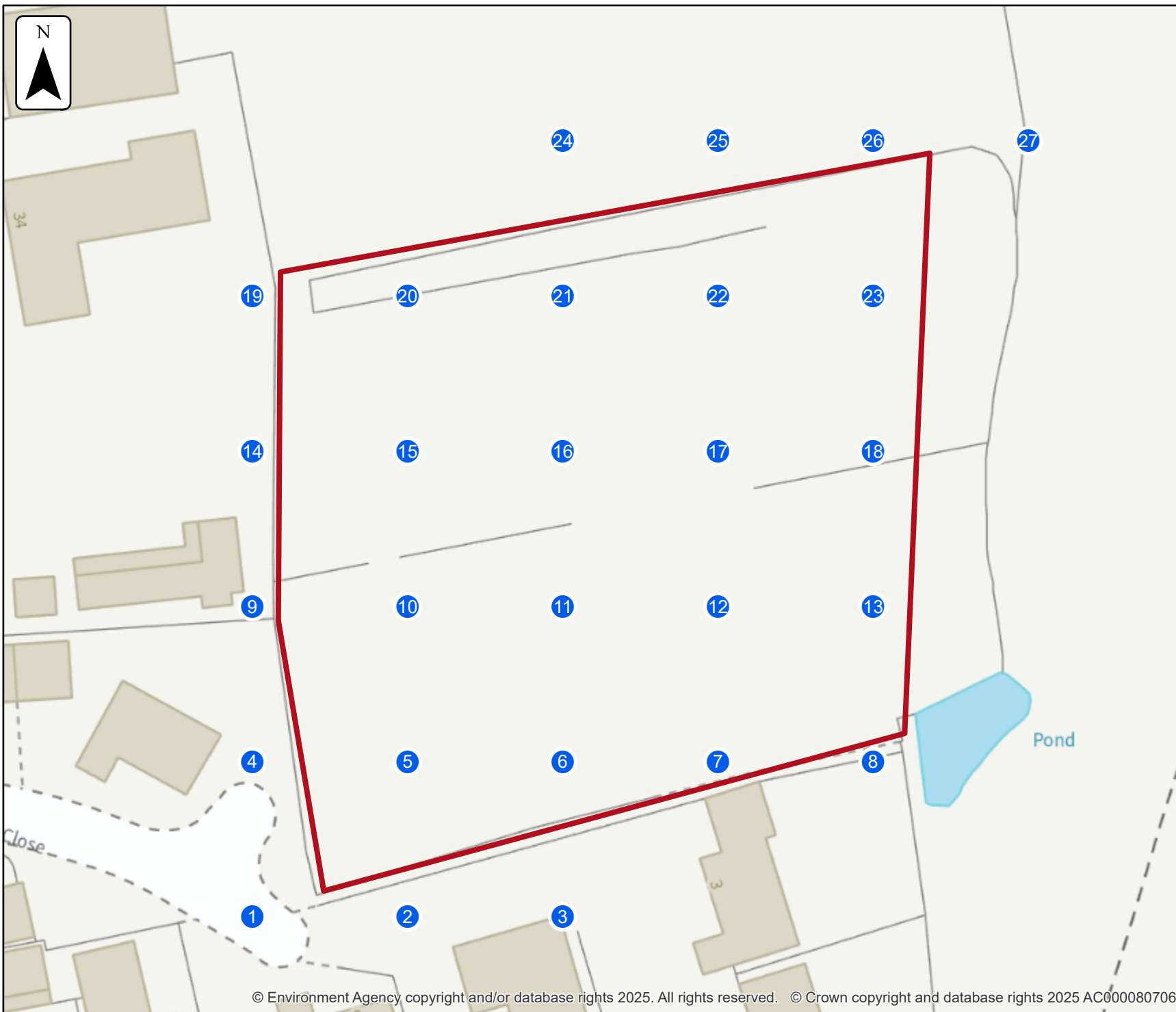


Modelled node locations data

No defences exist

Label	Modelled location ID	Easting	Northing	5% AEP	1% AEP	0.1% AEP
				Level	Level	Level
1	1503392	518289	231301	50.76	50.85	51.08
2	1503473	518290	231288	51.47	51.52	51.66
3	1503420	518301	231319	50.64	50.73	50.99
4	1503531	518437	231355	49.56	49.65	49.86
5	1503395	518470	231628	48.56	48.63	48.80
6	1503465	518487	231687	48.55	48.62	48.77
7	1503404	518489	231581	48.86	48.94	49.13
8	1503396	518500	231375	48.86	48.94	49.13
9	1503439	518511	231710	47.94	48.02	48.20
10	1503413	518545	231472	48.86	48.94	49.13

Data in this table comes from the Hiz NHDC SFRA Climate change model.
 Level values are shown in mAOD, and flow values are shown in cubic metres per second.
 Any blank cells show where a particular scenario has not been modelled for this location.



Defended modelled fluvial extent and height

Location (easting/northing)
518366/231513

Scale Created
1:500 9 Apr 2025

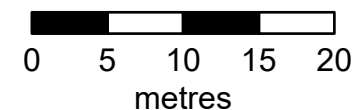
Model name
**EAn Ivel Project
Model 2019**

- Selected area
- Main river

Modelled 2D grid
Water level in mAOD

- 0 - 49.0
- 49.0 - 49.25
- 49.25 - 49.5
- 49.5 - 49.75
- 49.75 - 50.0
- 50.0 - 50.25
- 50.25 - 50.5
- 50.5 - 50.75
- 50.75 - 51.0

This map shows the
0.1% AEP height data



Sample point data

Defended

Label	Easting	Northing	50% AEP	20% AEP	10% AEP	5% AEP	4% AEP	3.33% AEP	2% AEP	1.33% AEP	1% AEP	0.5% AEP	0.1% AEP
			Depth	Depth	Depth	Depth	Depth	Depth	Depth	Depth	Depth	Depth	Depth
1	518333	231474	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
2	518348	231474	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
3	518363	231474	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
4	518333	231489	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
5	518348	231489	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
6	518363	231489	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
7	518378	231489	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
8	518393	231489	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
9	518333	231504	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
10	518348	231504	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
11	518363	231504	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
12	518378	231504	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData

Label	Easting	Northing	50% AEP	20% AEP	10% AEP	5% AEP	4% AEP	3.33% AEP	2% AEP	1.33% AEP	1% AEP	0.5% AEP	0.1% AEP
			Depth	Depth	Depth	Depth	Depth	Depth	Depth	Depth	Depth	Depth	Depth
13	518393	231504	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
14	518333	231519	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
15	518348	231519	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
16	518363	231519	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
17	518378	231519	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
18	518393	231519	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
19	518333	231534	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
20	518348	231534	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
21	518363	231534	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
22	518378	231534	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
23	518393	231534	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
24	518363	231549	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData

Label	Easting	Northing	50% AEP	20% AEP	10% AEP	5% AEP	4% AEP	3.33% AEP	2% AEP	1.33% AEP	1% AEP	0.5% AEP	0.1% AEP
			Depth	Depth	Depth	Depth	Depth	Depth	Depth	Depth	Depth	Depth	Depth
25	518378	231549	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
26	518393	231549	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
27	518408	231549	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
Max value in selected area:			NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData

Data in this table comes from the EAn Ivel Project Ivel Model 2019 model. Height values are shown in mAOD, and depth values are shown in metres.

Any blank cells show where a particular scenario has not been modelled for this location.

Cells which contain text 'NoData' for a scenario show that return period has been modelled but there is no flood risk for that return period for that location.

'Max value in selected area' is the deepest depth or highest height at any location within your drawn boundary.

Defended

Label	Easting	Northing	50% AEP	20% AEP	10% AEP	5% AEP	4% AEP	3.33% AEP	2% AEP	1.33% AEP	1% AEP	0.5% AEP	0.1% AEP
			Height	Height	Height	Height	Height	Height	Height	Height	Height	Height	Height
1	518333	231474	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
2	518348	231474	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
3	518363	231474	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
4	518333	231489	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
5	518348	231489	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
6	518363	231489	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
7	518378	231489	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
8	518393	231489	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
9	518333	231504	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
10	518348	231504	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
11	518363	231504	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
12	518378	231504	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData

Label	Easting	Northing	50% AEP	20% AEP	10% AEP	5% AEP	4% AEP	3.33% AEP	2% AEP	1.33% AEP	1% AEP	0.5% AEP	0.1% AEP
			Height	Height	Height	Height	Height	Height	Height	Height	Height	Height	Height
13	518393	231504	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
14	518333	231519	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
15	518348	231519	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
16	518363	231519	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
17	518378	231519	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
18	518393	231519	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
19	518333	231534	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
20	518348	231534	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
21	518363	231534	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
22	518378	231534	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
23	518393	231534	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
24	518363	231549	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData

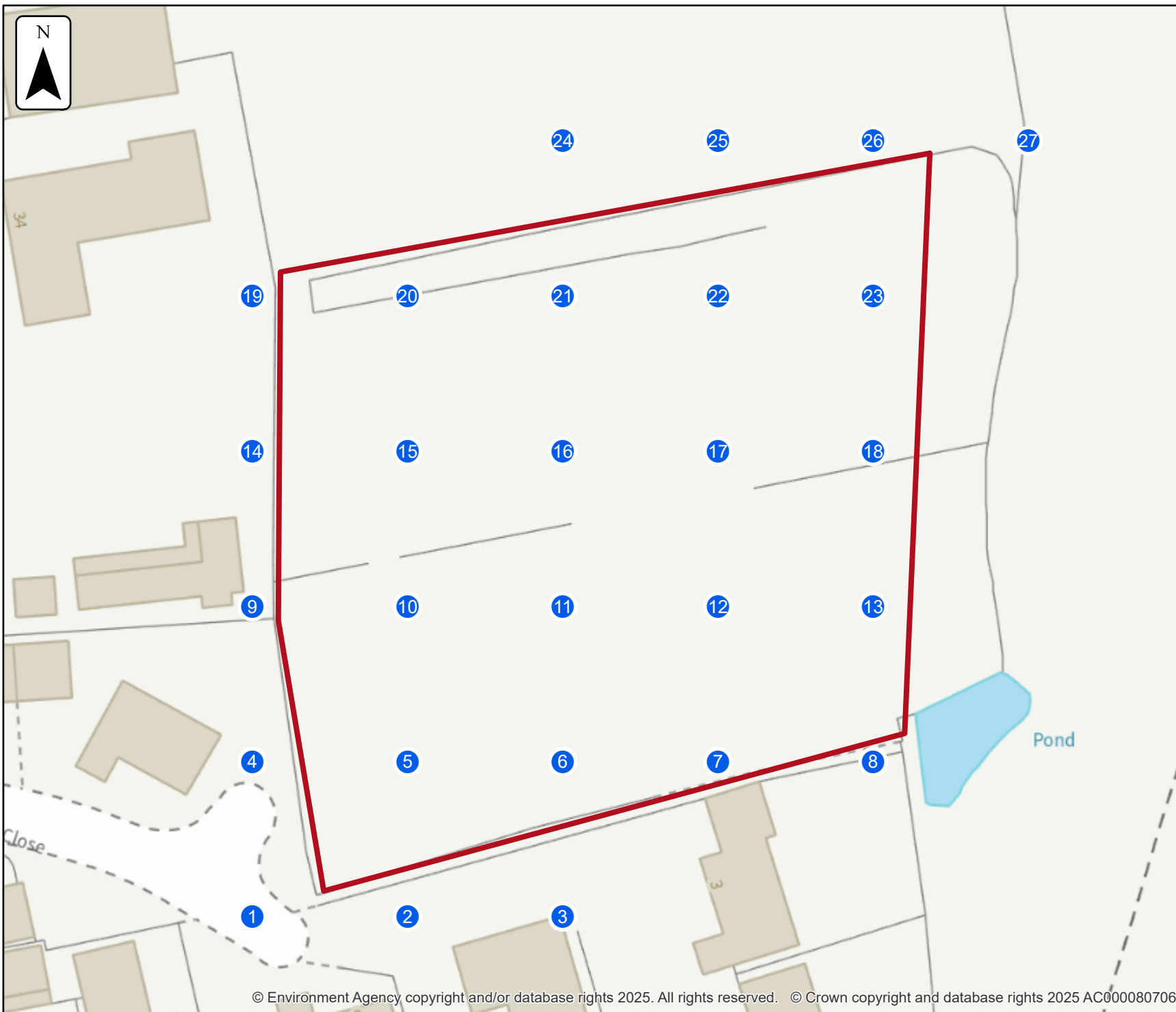
Label	Easting	Northing	50% AEP	20% AEP	10% AEP	5% AEP	4% AEP	3.33% AEP	2% AEP	1.33% AEP	1% AEP	0.5% AEP	0.1% AEP
			Height	Height	Height	Height	Height	Height	Height	Height	Height	Height	Height
25	518378	231549	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
26	518393	231549	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
27	518408	231549	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
Max value in selected area:			NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData

Data in this table comes from the EAn Ivel Project Ivel Model 2019 model. Height values are shown in mAOD, and depth values are shown in metres.

Any blank cells show where a particular scenario has not been modelled for this location.

Cells which contain text 'NoData' for a scenario show that return period has been modelled but there is no flood risk for that return period for that location.

'Max value in selected area' is the deepest depth or highest height at any location within your drawn boundary.



Defences removed modelled fluvial extent and height

Location (easting/northing)
518366/231513

Scale Created
1:500 9 Apr 2025

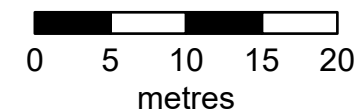
Model name
**EAn Ivel Project
Model 2019**

-  Selected area
-  Main river

Modelled 2D grid
Water level in mAOD

-  0 - 49.0
-  49.0 - 49.25
-  49.25 - 49.5
-  49.5 - 49.75
-  49.75 - 50.0
-  50.0 - 50.25
-  50.25 - 50.5
-  50.5 - 50.75
-  50.75 - 51.0

This map shows the
0.1% AEP height data



Sample point data

Defences removed

Label	Easting	Northing	5% AEP	1% AEP	0.1% AEP	5% AEP	1% AEP	0.1% AEP
			Depth	Depth	Depth	Height	Height	Height
1	518333	231474	NoData	NoData	NoData	NoData	NoData	NoData
2	518348	231474	NoData	NoData	NoData	NoData	NoData	NoData
3	518363	231474	NoData	NoData	NoData	NoData	NoData	NoData
4	518333	231489	NoData	NoData	NoData	NoData	NoData	NoData
5	518348	231489	NoData	NoData	NoData	NoData	NoData	NoData
6	518363	231489	NoData	NoData	NoData	NoData	NoData	NoData
7	518378	231489	NoData	NoData	NoData	NoData	NoData	NoData
8	518393	231489	NoData	NoData	NoData	NoData	NoData	NoData
9	518333	231504	NoData	NoData	NoData	NoData	NoData	NoData
10	518348	231504	NoData	NoData	NoData	NoData	NoData	NoData
11	518363	231504	NoData	NoData	NoData	NoData	NoData	NoData
12	518378	231504	NoData	NoData	NoData	NoData	NoData	NoData

Label	Easting	Northing	5% AEP	1% AEP	0.1% AEP	5% AEP	1% AEP	0.1% AEP
			Depth	Depth	Depth	Height	Height	Height
13	518393	231504	NoData	NoData	NoData	NoData	NoData	NoData
14	518333	231519	NoData	NoData	NoData	NoData	NoData	NoData
15	518348	231519	NoData	NoData	NoData	NoData	NoData	NoData
16	518363	231519	NoData	NoData	NoData	NoData	NoData	NoData
17	518378	231519	NoData	NoData	NoData	NoData	NoData	NoData
18	518393	231519	NoData	NoData	NoData	NoData	NoData	NoData
19	518333	231534	NoData	NoData	NoData	NoData	NoData	NoData
20	518348	231534	NoData	NoData	NoData	NoData	NoData	NoData
21	518363	231534	NoData	NoData	NoData	NoData	NoData	NoData
22	518378	231534	NoData	NoData	NoData	NoData	NoData	NoData
23	518393	231534	NoData	NoData	NoData	NoData	NoData	NoData
24	518363	231549	NoData	NoData	NoData	NoData	NoData	NoData

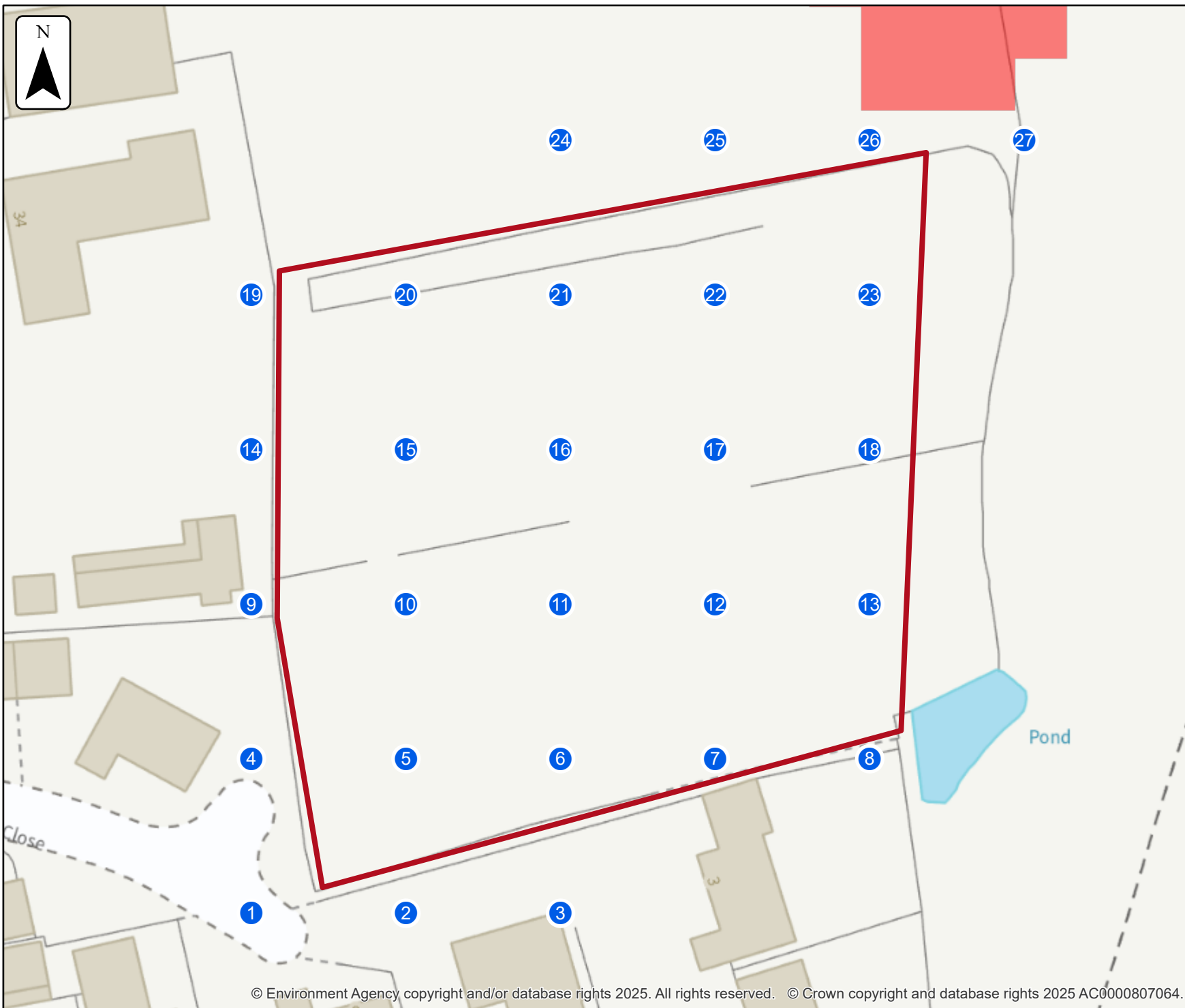
Label	Easting	Northing	5% AEP	1% AEP	0.1% AEP	5% AEP	1% AEP	0.1% AEP
			Depth	Depth	Depth	Height	Height	Height
25	518378	231549	NoData	NoData	NoData	NoData	NoData	NoData
26	518393	231549	NoData	NoData	NoData	NoData	NoData	NoData
27	518408	231549	NoData	NoData	NoData	NoData	NoData	NoData
Max value in selected area:			NoData	NoData	NoData	NoData	NoData	NoData

Data in this table comes from the EAn Ivel Project Ivel Model 2019 model. Height values are shown in mAOD, and depth values are shown in metres.

Any blank cells show where a particular scenario has not been modelled for this location.

Cells which contain text 'NoData' for a scenario show that return period has been modelled but there is no flood risk for that return period for that location.

'Max value in selected area' is the deepest depth or highest height at any location within your drawn boundary.



Defended climate change modelled fluvial extent and height

Location (easting/northing)
518366/231513

Scale Created
1:500 9 Apr 2025

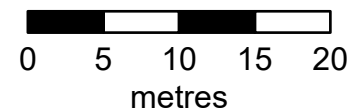
Model name
**EAn Ivel Project
Model 2019**

- Selected area
- Main river

Modelled 2D grid
Water level in mAOD

- 0 - 0.0
- 0.0 - 6.375
- 6.375 - 12.75
- 12.75 - 19.125
- 19.125 - 25.5
- 25.5 - 31.875
- 31.875 - 38.25
- 38.25 - 44.625
- 44.625 - 51.0

This map shows the
0.1% AEP +65% height data



Sample point data

Defended climate change

Label	Easting	Northing	1% AEP (+25%)	1% AEP (+35%)	1% AEP (+65%)	0.5% AEP (+25%)	0.5% AEP (+35%)	0.5% AEP (+65%)	0.1% AEP (+25%)	0.1% AEP (+35%)	0.1% AEP (+65%)
			Depth	Depth	Depth	Depth	Depth	Depth	Depth	Depth	Depth
1	518333	231474	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
2	518348	231474	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
3	518363	231474	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
4	518333	231489	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
5	518348	231489	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
6	518363	231489	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
7	518378	231489	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
8	518393	231489	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
9	518333	231504	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
10	518348	231504	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
11	518363	231504	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
12	518378	231504	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData

Label	Easting	Northing	1% AEP (+25%)	1% AEP (+35%)	1% AEP (+65%)	0.5% AEP (+25%)	0.5% AEP (+35%)	0.5% AEP (+65%)	0.1% AEP (+25%)	0.1% AEP (+35%)	0.1% AEP (+65%)
			Depth	Depth	Depth	Depth	Depth	Depth	Depth	Depth	Depth
13	518393	231504	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
14	518333	231519	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
15	518348	231519	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
16	518363	231519	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
17	518378	231519	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
18	518393	231519	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
19	518333	231534	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
20	518348	231534	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
21	518363	231534	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
22	518378	231534	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
23	518393	231534	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
24	518363	231549	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData

Label	Easting	Northing	1% AEP (+25%)	1% AEP (+35%)	1% AEP (+65%)	0.5% AEP (+25%)	0.5% AEP (+35%)	0.5% AEP (+65%)	0.1% AEP (+25%)	0.1% AEP (+35%)	0.1% AEP (+65%)
			Depth	Depth	Depth	Depth	Depth	Depth	Depth	Depth	Depth
25	518378	231549	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
26	518393	231549	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
27	518408	231549	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
Max value in selected area:			NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData

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'Max value in selected area' is the deepest depth or highest height at any location within your drawn boundary.

Defended climate change

Label	Easting	Northing	1% AEP (+25%)	1% AEP (+35%)	1% AEP (+65%)	0.5% AEP (+25%)	0.5% AEP (+35%)	0.5% AEP (+65%)	0.1% AEP (+25%)	0.1% AEP (+35%)	0.1% AEP (+65%)
			Height	Height	Height	Height	Height	Height	Height	Height	Height
1	518333	231474	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
2	518348	231474	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
3	518363	231474	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
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7	518378	231489	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
8	518393	231489	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
9	518333	231504	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
10	518348	231504	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
11	518363	231504	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
12	518378	231504	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData

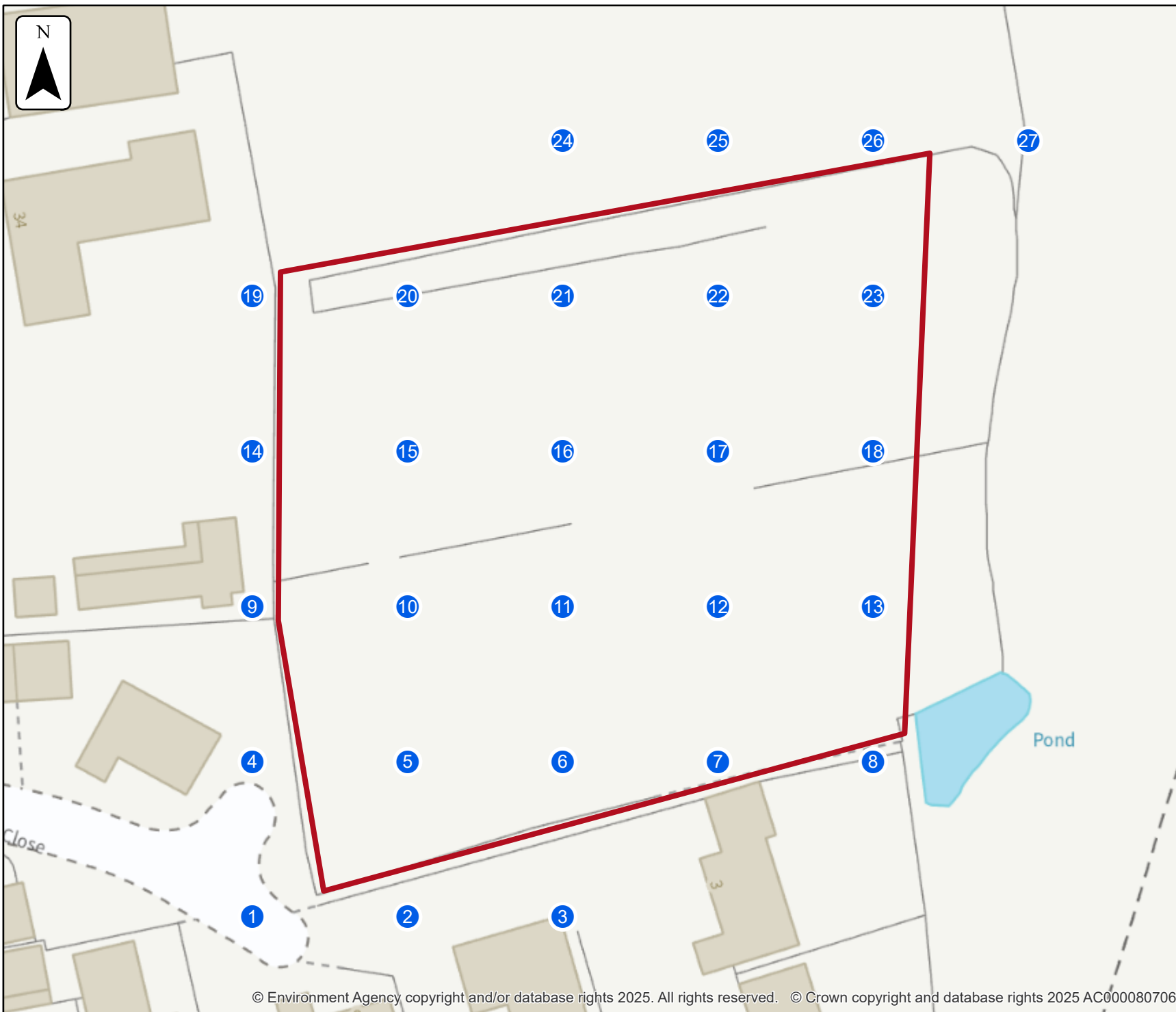
Label	Easting	Northing	1% AEP (+25%)	1% AEP (+35%)	1% AEP (+65%)	0.5% AEP (+25%)	0.5% AEP (+35%)	0.5% AEP (+65%)	0.1% AEP (+25%)	0.1% AEP (+35%)	0.1% AEP (+65%)
			Height	Height	Height	Height	Height	Height	Height	Height	Height
13	518393	231504	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
14	518333	231519	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
15	518348	231519	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
16	518363	231519	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
17	518378	231519	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
18	518393	231519	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
19	518333	231534	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
20	518348	231534	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
21	518363	231534	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
22	518378	231534	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
23	518393	231534	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
24	518363	231549	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData

Label	Easting	Northing	1% AEP (+25%)	1% AEP (+35%)	1% AEP (+65%)	0.5% AEP (+25%)	0.5% AEP (+35%)	0.5% AEP (+65%)	0.1% AEP (+25%)	0.1% AEP (+35%)	0.1% AEP (+65%)
			Height	Height	Height	Height	Height	Height	Height	Height	Height
25	518378	231549	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
26	518393	231549	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
27	518408	231549	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
Max value in selected area:			NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData

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Defences removed climate change modelled fluvial extent and height

Location (easting/northing)
518366/231513

Scale Created
1:500 9 Apr 2025

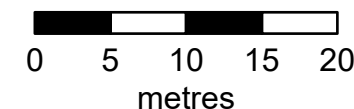
Model name
**EAn Ivel Project
Model 2019**

- Selected area
- Main river

Modelled 2D grid
Water level in mAOD

- 0 - 49.0
- 49.0 - 49.125
- 49.125 - 49.25
- 49.25 - 49.375
- 49.375 - 49.5
- 49.5 - 49.625
- 49.625 - 49.75
- 49.75 - 49.875
- 49.875 - 50.0

This map shows the
1% AEP +65% height data



Sample point data

Defences removed climate change

Label	Easting	Northing	1% AEP (+25%)	1% AEP (+35%)	1% AEP (+65%)	1% AEP (+25%)	1% AEP (+35%)	1% AEP (+65%)
			Depth	Depth	Depth	Height	Height	Height
1	518333	231474	NoData	NoData	NoData	NoData	NoData	NoData
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9	518333	231504	NoData	NoData	NoData	NoData	NoData	NoData
10	518348	231504	NoData	NoData	NoData	NoData	NoData	NoData
11	518363	231504	NoData	NoData	NoData	NoData	NoData	NoData
12	518378	231504	NoData	NoData	NoData	NoData	NoData	NoData

Label	Easting	Northing	1% AEP (+25%)	1% AEP (+35%)	1% AEP (+65%)	1% AEP (+25%)	1% AEP (+35%)	1% AEP (+65%)
			Depth	Depth	Depth	Height	Height	Height
13	518393	231504	NoData	NoData	NoData	NoData	NoData	NoData
14	518333	231519	NoData	NoData	NoData	NoData	NoData	NoData
15	518348	231519	NoData	NoData	NoData	NoData	NoData	NoData
16	518363	231519	NoData	NoData	NoData	NoData	NoData	NoData
17	518378	231519	NoData	NoData	NoData	NoData	NoData	NoData
18	518393	231519	NoData	NoData	NoData	NoData	NoData	NoData
19	518333	231534	NoData	NoData	NoData	NoData	NoData	NoData
20	518348	231534	NoData	NoData	NoData	NoData	NoData	NoData
21	518363	231534	NoData	NoData	NoData	NoData	NoData	NoData
22	518378	231534	NoData	NoData	NoData	NoData	NoData	NoData
23	518393	231534	NoData	NoData	NoData	NoData	NoData	NoData
24	518363	231549	NoData	NoData	NoData	NoData	NoData	NoData

Label	Easting	Northing	1% AEP (+25%)	1% AEP (+35%)	1% AEP (+65%)	1% AEP (+25%)	1% AEP (+35%)	1% AEP (+65%)
			Depth	Depth	Depth	Height	Height	Height
25	518378	231549	NoData	NoData	NoData	NoData	NoData	NoData
26	518393	231549	NoData	NoData	NoData	NoData	NoData	NoData
27	518408	231549	NoData	NoData	NoData	NoData	NoData	NoData
Max value in selected area:			NoData	NoData	NoData	NoData	NoData	NoData

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Strategic flood risk assessments

We recommend that you check the relevant local authority's strategic flood risk assessment (SFRA) as part of your work to prepare a site specific flood risk assessment.

This should give you information about:

- the potential impacts of climate change in this catchment
- areas defined as functional floodplain
- flooding from other sources, such as surface water, ground water and reservoirs

Your Lead Local Flood Authority is Hertfordshire County.

About this data

This data has been generated by strategic scale flood models and is not intended for use at the individual property scale. If you're intending to use this data as part of a flood risk assessment, please include an appropriate modelling tolerance as part of your assessment. The Environment Agency regularly updates its modelling. We recommend that you check the data provided is the most recent, before submitting your flood risk assessment.

Flood risk activity permits

Under the Environmental Permitting (England and Wales) Regulations 2016 some developments may require an environmental permit for flood risk activities from the Environment Agency. This includes any permanent or temporary works that are in, over, under, or nearby a designated main river or flood defence structure.

[Find out more about flood risk activity permits](#)

Help and advice

Contact the East Anglia Environment Agency team at enquiries_eastanglia@environment-agency.gov.uk for:

- [more information about getting a product 5, 6, 7 or 8](#)
- general help and advice about the site you're requesting data for