

Flood risk assessment data



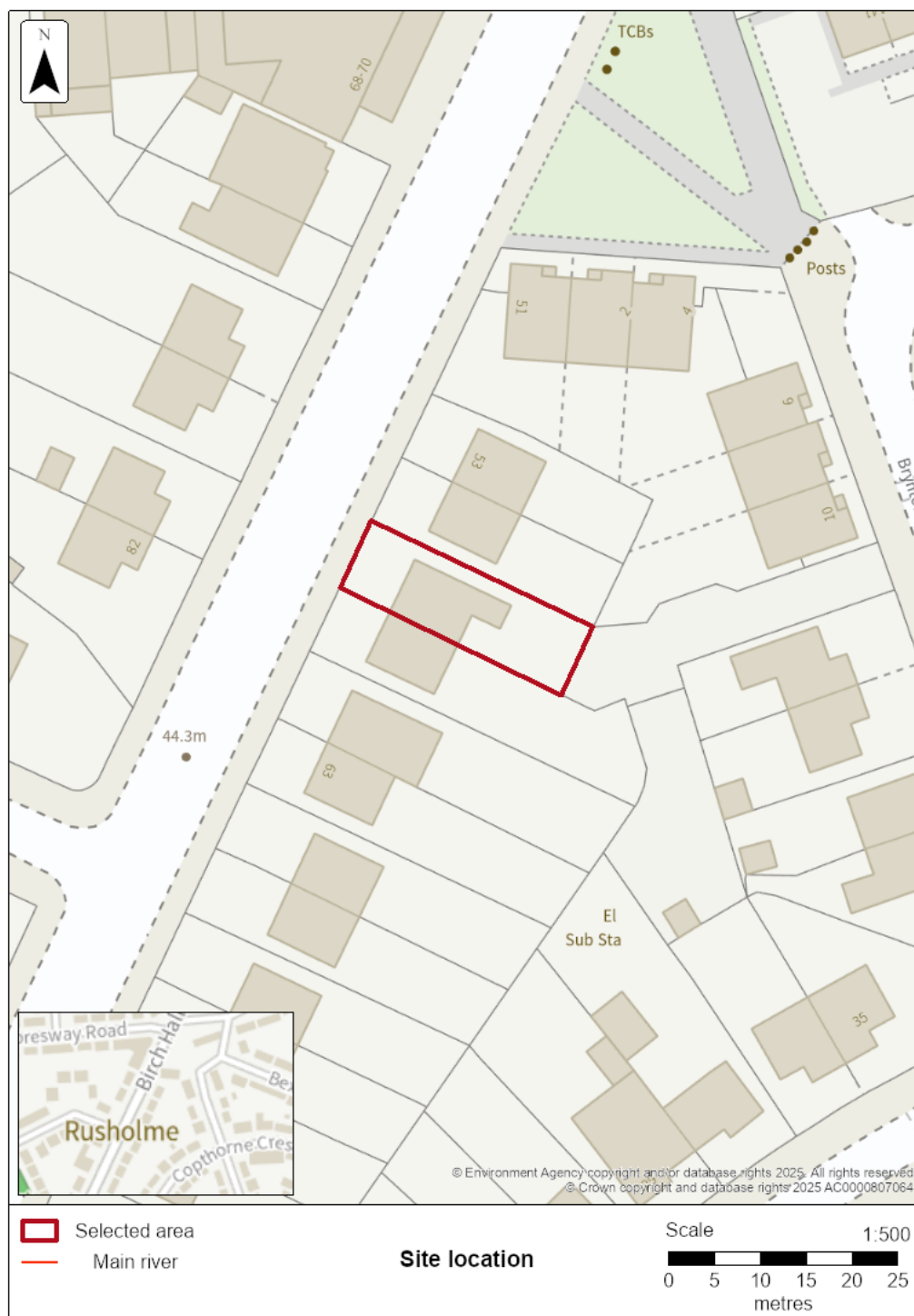
Location of site: 386338 / 395070 (shown as easting and northing coordinates)

Document created on: 7 May 2025

This information was previously known as a product 4.

Customer reference number: 7YGF8VHG3B1X

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
- flood defences and attributes
- information to help you assess if there is a reduced flood risk from rivers and the sea because of defences
- modelled data
- information about strategic flood risk assessments
- information about this data
- information about flood risk activity permits
- help and advice

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 Manchester District.

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

About the models used

Model name: Chorlton Platt Gore 2024

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

Date: 15 April 2024

This model contains 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



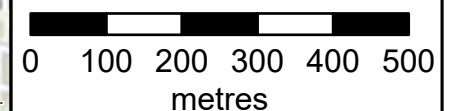
Flood map for planning

Location (easting/northing)
386338/395070

Scale
1:10,000

Created
7 May 2025

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



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



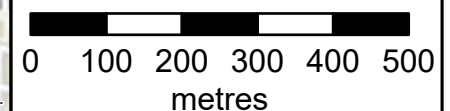
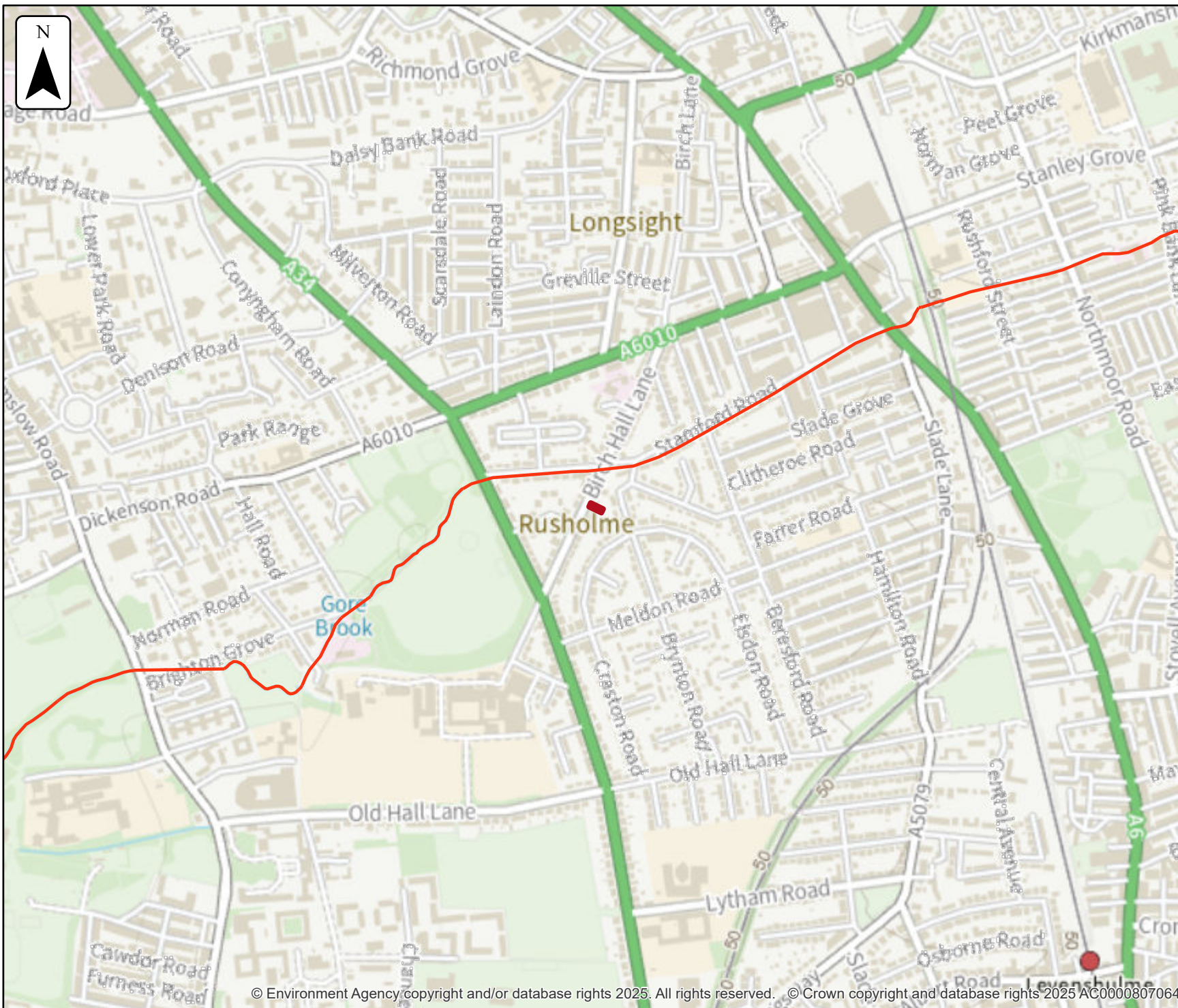
Past floods

Location (easting/northing)
386338/395070

Scale
1:10,000

Created
7 May 2025

-  Selected area
-  Main river
- Date of flood event
-  December, 1997



Data on past flood events

Start date	End date	Source of flood	Cause of flood	Affects location
24 December 1997	25 December 1997	unknown	channel capacity exceeded (no raised defences)	No

Flood defences and attributes

The flood defences map shows the location of the flood defences present.

The flood defences data table shows the type of defences, their condition and the standard of protection. It shows the height above sea level of the top of the flood defence (crest level). The height is in mAOD which is the metres above the mean sea level at Newlyn, Cornwall.

It's important to remember that flood defence data may not be updated on a regular basis. The information here is based on the best available data.

Use this information:

- to help you assess if there is a reduced flood risk for this location because of defences
- with any information in the modelled data section to find out the impact of defences on flood risk



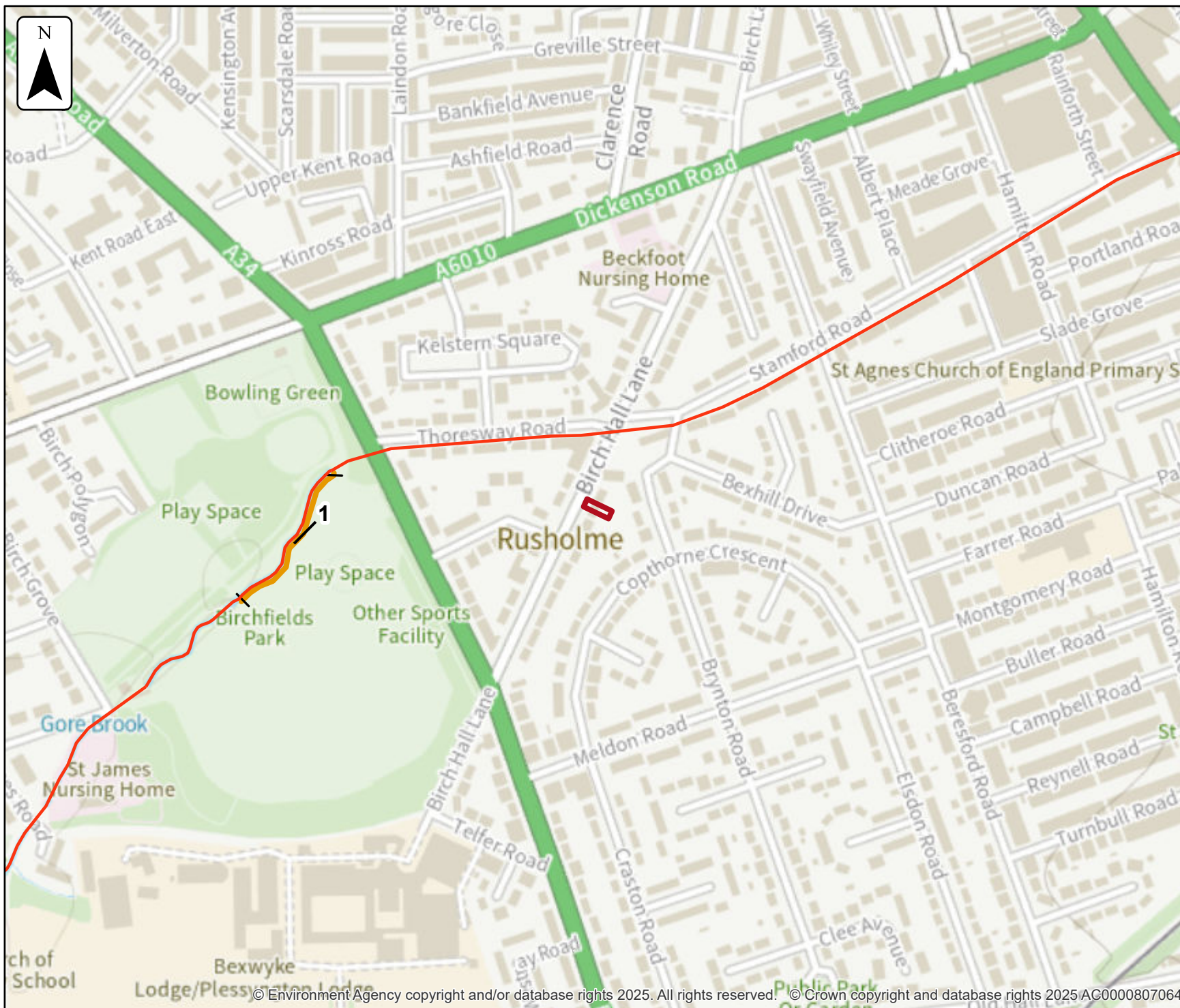
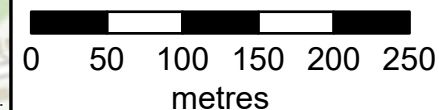
Flood defences

Location (easting/northing)
386338/395070

Scale
1:5,000

Created
7 May 2025

-  Selected area
-  Main river
-  Flood defence



Flood defences data

Label	Asset ID	Asset Type	Standard of protection (years)	Current condition	Downstream actual crest level (mAOD)	Upstream actual crest level (mAOD)	Effective crest level (mAOD)
1	120075	Engineered High Ground	5		41.26	38.68	

Any blank cells show where a particular value has not been recorded for an asset.

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
- 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



Defences removed climate change modelled fluvial extent

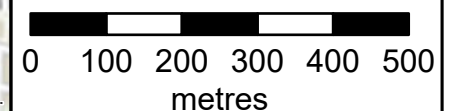
Location (easting/northing)
386338/395070

Scale Created
1:10,000 7 May 2025

Model name
**Chorlton Platt Gore
2024**

-  Selected area
 Main river
- Modelled flood extent
-  1% AEP (+41%)
 -  1% AEP (+53%)
 -  1% AEP (+85%)
 -  0.1% AEP (+53%)

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





Defences removed modelled fluvial extent

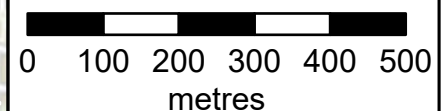
Location (easting/northing)
386338/395070

Scale Created
1:10,000 7 May 2025

Model name
**Chorlton Platt Gore
2024**

-  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





Defended climate change modelled fluvial extent

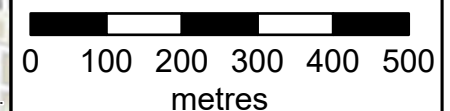
Location (easting/northing)
386338/395070

Scale Created
1:10,000 7 May 2025

Model name
**Chorlton Platt Gore
2024**

-  Selected area
 Main river
- Modelled flood extent
-  50% AEP (+53%)
 -  5% AEP (+53%)
 -  1% AEP (+41%)
 -  1% AEP (+53%)
 -  1% AEP (+85%)
 -  0.1% AEP (+53%)

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





Defended modelled fluvial extent

Location (easting/northing)
386338/395070

Scale Created
1:10,000 7 May 2025

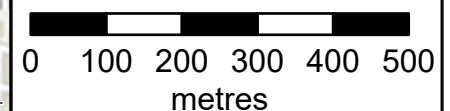
Model name
**Chorlton Platt Gore
2024**

-  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





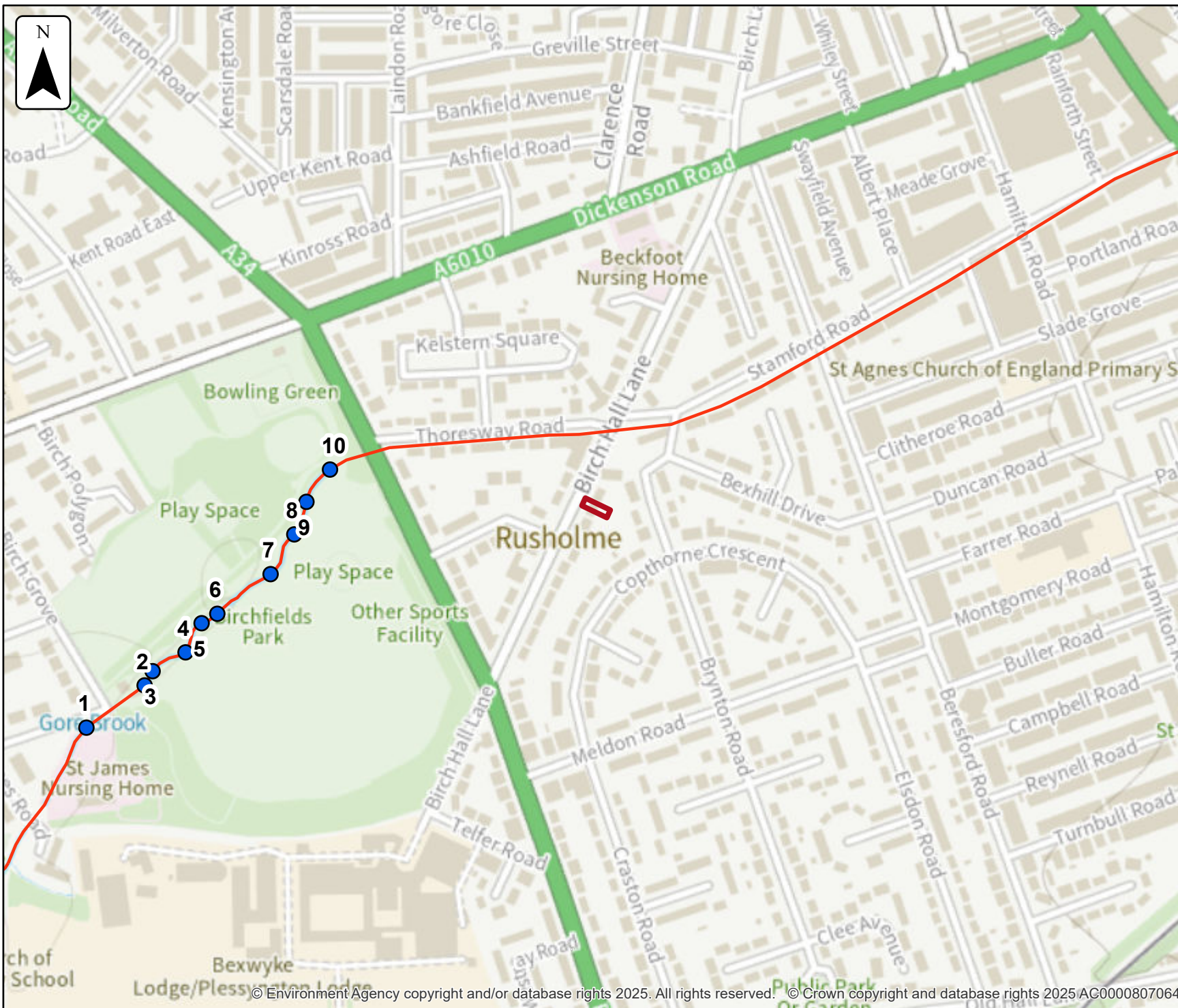
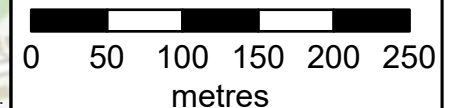
Defences removed climate change modelled fluvial node locations

Location (easting/northing)
386338/395070

Scale Created
1:5,000 7 May 2025

Model name
**Chorlton Platt Gore
2024**

-  Selected area
-  Modelled location
-  Main river



Modelled node locations data

Defences removed climate change

Label	Modelled location ID	Easting	Northing	1% AEP (+41%)	1% AEP (+53%)	1% AEP (+85%)	0.1% AEP (+53%)
				Level	Level	Level	Level
1	1601013	385844	394856	39.74	39.75	39.77	39.91
2	1601012	385900	394897	40.06	40.09	40.17	40.43
3	1600884	385908	394911	40.06	40.10	40.18	40.42
4	1600829	385940	394930	40.08	40.12	40.20	40.42
5	1600849	385956	394958	40.11	40.15	40.23	40.44
6	1600891	385971	394967	40.12	40.15	40.24	40.44
7	1600844	386023	395005	40.15	40.19	40.28	40.58
8	1600881	386046	395044	40.18	40.22	40.32	40.63
9	1600902	386057	395076	40.19	40.23	40.32	40.65
10	1600842	386080	395107	40.21	40.25	40.34	40.72

Data in this table comes from the Chorlton Platt Gore 2024 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 (+41%)	1% AEP (+53%)	1% AEP (+85%)	0.1% AEP (+53%)
				Flow	Flow	Flow	Flow
1	1601013	385844	394856	15.73	16.26	17.57	19.62
2	1601012	385900	394897	15.73	16.26	17.57	19.62
3	1600884	385908	394911	15.74	16.20	17.57	21.83
4	1600829	385940	394930	15.73	16.25	17.81	24.21
5	1600849	385956	394958	15.73	16.25	17.89	26.58
6	1600891	385971	394967	15.73	16.25	17.89	26.59
7	1600844	386023	395005	15.73	16.25	17.90	26.60
8	1600881	386046	395044	14.95	15.43	17.18	25.52
9	1600902	386057	395076	14.94	15.43	17.19	24.30
10	1600842	386080	395107	14.94	15.43	17.20	21.72

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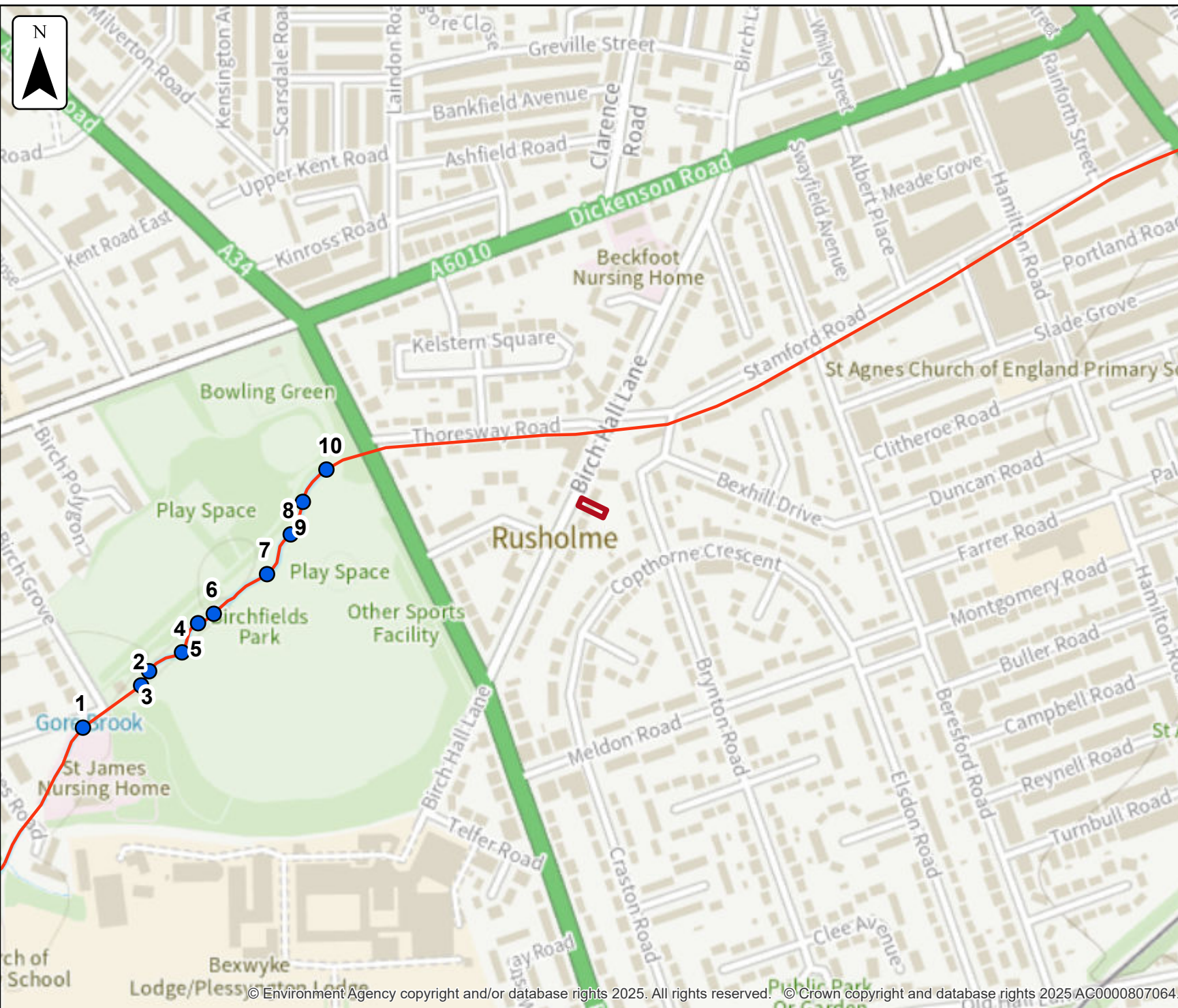
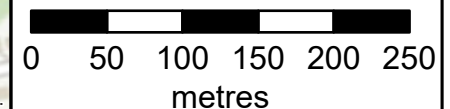
Defences removed modelled fluvial node locations

Location (easting/northing)
386338/395070

Scale Created
1:5,000 7 May 2025

Model name
**Chorlton Platt Gore
2024**

-  Selected area
-  Modelled location
-  Main river



Modelled node locations data

Defences removed

Label	Modelled location ID	Easting	Northing	50% AEP	20% AEP	10% AEP	5% 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
1	1601013	385844	394856	38.0	38.37	38.70	39.09	39.33	39.50	39.63	39.67	39.71	39.86
2	1601012	385900	394897	38.11	38.48	38.80	39.17	39.45	39.67	39.84	39.90	39.99	40.22
3	1600884	385908	394911	38.13	38.49	38.81	39.18	39.46	39.68	39.84	39.90	39.99	40.22
4	1600829	385940	394930	38.20	38.53	38.84	39.20	39.47	39.69	39.86	39.92	40.01	40.24
5	1600849	385956	394958	38.43	38.69	38.94	39.26	39.51	39.73	39.89	39.95	40.04	40.27
6	1600891	385971	394967	38.51	38.75	38.98	39.28	39.53	39.74	39.90	39.96	40.05	40.27
7	1600844	386023	395005	38.62	38.82	39.03	39.32	39.55	39.77	39.92	39.98	40.08	40.31
8	1600881	386046	395044	38.66	38.86	39.06	39.34	39.58	39.79	39.95	40.01	40.10	40.35
9	1600902	386057	395076	38.83	39.01	39.17	39.41	39.62	39.81	39.97	40.02	40.12	40.35
10	1600842	386080	395107	38.91	39.09	39.24	39.46	39.65	39.85	39.99	40.05	40.14	40.37

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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.

Defences removed

Label	Modelled location ID	Easting	Northing	50% AEP	20% AEP	10% AEP	5% 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
1	1601013	385844	394856	4.31	6.22	7.67	9.26	10.18	11.79	12.90	13.52	14.65	16.61
2	1601012	385900	394897	4.31	6.23	7.68	9.27	10.18	11.79	12.90	13.52	14.65	16.61
3	1600884	385908	394911	4.32	6.23	7.68	9.27	10.18	11.79	12.90	13.52	14.65	16.85
4	1600829	385940	394930	4.32	6.23	7.69	9.27	10.19	11.79	12.91	13.52	14.65	17.21
5	1600849	385956	394958	4.32	6.24	7.70	9.31	10.23	11.79	12.92	13.53	14.65	17.37
6	1600891	385971	394967	4.32	6.24	7.70	9.32	10.24	11.78	12.92	13.53	14.66	17.37
7	1600844	386023	395005	4.32	6.24	7.71	9.33	10.27	11.73	12.92	13.54	14.66	17.37
8	1600881	386046	395044	4.11	5.93	7.33	8.89	9.78	11.15	12.30	12.87	13.92	16.79
9	1600902	386057	395076	4.11	5.94	7.34	8.90	9.81	11.25	12.31	12.87	13.92	16.79
10	1600842	386080	395107	4.11	5.94	7.34	8.91	9.82	11.28	12.31	12.87	13.92	16.79

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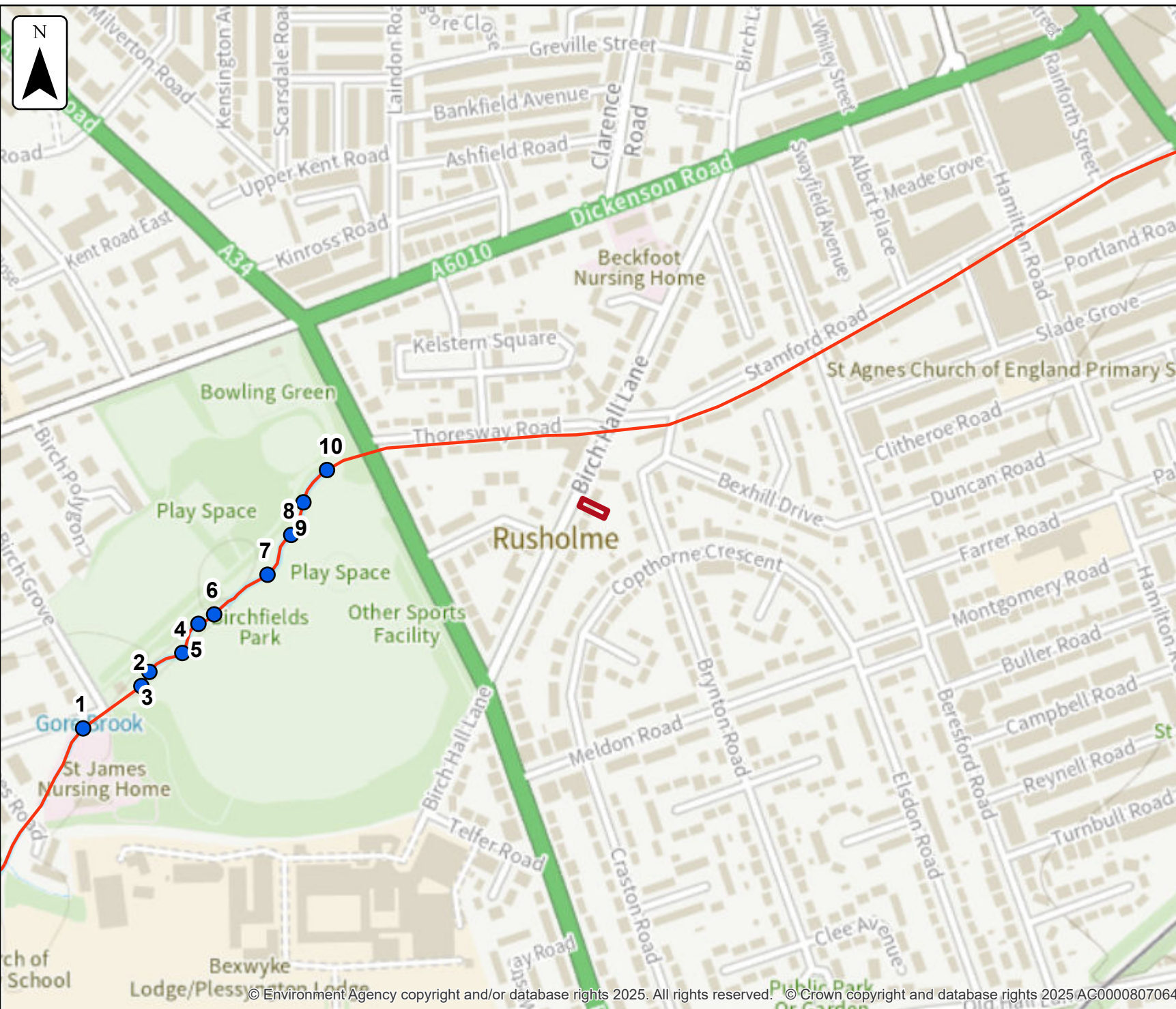
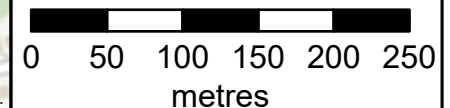
Defended climate change modelled fluvial node locations

Location (easting/northing)
386338/395070

Scale Created
1:5,000 7 May 2025

Model name
**Chorlton Platt Gore
2024**

-  Selected area
-  Modelled location
-  Main river



Modelled node locations data

Defended climate change

Label	Modelled location ID	Easting	Northing	50% AEP (+53%)	5% AEP (+53%)	1% AEP (+41%)	1% AEP (+53%)	1% AEP (+85%)	0.1% AEP (+53%)
				Level	Level	Level	Level	Level	Level
1	1601013	385844	394856	38.43	39.66	39.74	39.75	39.77	39.91
2	1601012	385900	394897	38.53	39.89	40.06	40.09	40.18	40.43
3	1600884	385908	394911	38.55	39.90	40.06	40.10	40.18	40.41
4	1600829	385940	394930	38.58	39.92	40.08	40.12	40.20	40.42
5	1600849	385956	394958	38.73	39.94	40.11	40.15	40.23	40.44
6	1600891	385971	394967	38.78	39.95	40.12	40.15	40.24	40.43
7	1600844	386023	395005	38.86	39.98	40.15	40.19	40.29	40.57
8	1600881	386046	395044	38.89	40.0	40.18	40.22	40.32	40.62
9	1600902	386057	395076	39.04	40.02	40.19	40.23	40.32	40.64
10	1600842	386080	395107	39.12	40.05	40.21	40.25	40.34	40.71

Data in this table comes from the Chorlton Platt Gore 2024 model.

Level values are shown in mAOD, and flow values are shown in cubic metres per second.

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Defended climate change

Label	Modelled location ID	Easting	Northing	50% AEP (+53%)	5% AEP (+53%)	1% AEP (+41%)	1% AEP (+53%)	1% AEP (+85%)	0.1% AEP (+53%)
				Flow	Flow	Flow	Flow	Flow	Flow
1	1601013	385844	394856	6.48	13.46	15.73	16.26	17.56	19.57
2	1601012	385900	394897	6.49	13.46	15.73	16.26	17.56	19.57
3	1600884	385908	394911	6.49	13.46	15.73	16.20	17.57	21.72
4	1600829	385940	394930	6.49	13.46	15.73	16.25	17.82	24.06
5	1600849	385956	394958	6.50	13.46	15.73	16.25	17.90	26.36
6	1600891	385971	394967	6.50	13.47	15.73	16.25	17.90	26.37
7	1600844	386023	395005	6.50	13.47	15.73	16.25	17.91	26.38
8	1600881	386046	395044	6.18	12.81	14.95	15.44	17.20	25.31
9	1600902	386057	395076	6.18	12.81	14.94	15.43	17.20	24.13
10	1600842	386080	395107	6.18	12.81	14.94	15.43	17.21	21.67

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Level values are shown in mAOD, and flow values are shown in cubic metres per second.

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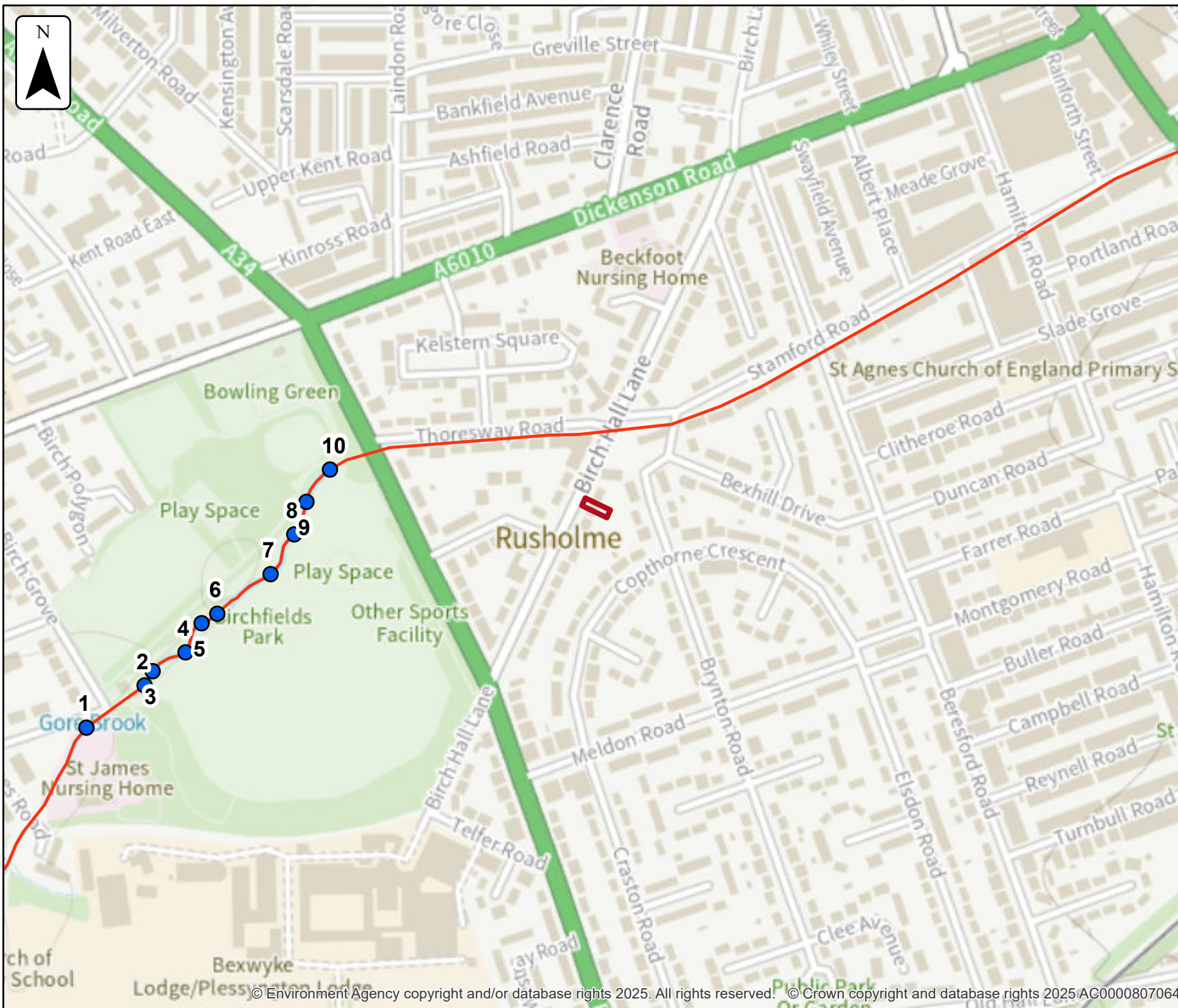
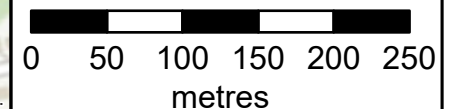
Defended modelled fluvial node locations

Location (easting/northing)
386338/395070

Scale Created
1:5,000 7 May 2025

Model name
**Chorlton Platt Gore
2024**

-  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	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
1	1601013	385844	394856	38.0	38.37	38.70	39.09	39.33	39.50	39.63	39.67	39.71	39.86
2	1601012	385900	394897	38.11	38.48	38.80	39.17	39.45	39.67	39.84	39.90	39.99	40.22
3	1600884	385908	394911	38.13	38.49	38.81	39.18	39.46	39.68	39.84	39.90	39.99	40.22
4	1600829	385940	394930	38.20	38.53	38.84	39.20	39.47	39.69	39.86	39.92	40.01	40.24
5	1600849	385956	394958	38.43	38.69	38.94	39.26	39.51	39.73	39.89	39.95	40.04	40.27
6	1600891	385971	394967	38.51	38.75	38.98	39.28	39.53	39.74	39.90	39.96	40.05	40.27
7	1600844	386023	395005	38.62	38.82	39.03	39.32	39.55	39.77	39.92	39.98	40.08	40.32
8	1600881	386046	395044	38.66	38.86	39.06	39.34	39.58	39.79	39.95	40.01	40.10	40.35
9	1600902	386057	395076	38.83	39.01	39.17	39.41	39.62	39.81	39.97	40.02	40.12	40.35
10	1600842	386080	395107	38.91	39.09	39.24	39.46	39.65	39.85	39.99	40.05	40.14	40.37

Data in this table comes from the Chorlton Platt Gore 2024 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	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
1	1601013	385844	394856	4.31	6.22	7.67	9.26	10.18	11.79	12.90	13.52	14.65	16.62
2	1601012	385900	394897	4.31	6.23	7.68	9.27	10.18	11.79	12.90	13.52	14.65	16.62
3	1600884	385908	394911	4.32	6.23	7.68	9.27	10.18	11.79	12.90	13.52	14.64	16.87
4	1600829	385940	394930	4.32	6.23	7.69	9.27	10.19	11.79	12.91	13.52	14.65	17.23
5	1600849	385956	394958	4.32	6.24	7.70	9.31	10.23	11.79	12.92	13.53	14.65	17.39
6	1600891	385971	394967	4.32	6.24	7.70	9.32	10.24	11.78	12.92	13.53	14.66	17.39
7	1600844	386023	395005	4.32	6.24	7.71	9.33	10.27	11.73	12.92	13.54	14.66	17.39
8	1600881	386046	395044	4.11	5.93	7.33	8.89	9.78	11.15	12.30	12.87	13.92	16.82
9	1600902	386057	395076	4.11	5.94	7.34	8.90	9.81	11.25	12.31	12.87	13.92	16.82
10	1600842	386080	395107	4.11	5.94	7.34	8.91	9.82	11.28	12.31	12.87	13.92	16.82

Data in this table comes from the Chorlton Platt Gore 2024 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 climate change modelled fluvial extent and height

Location (easting/northing)
386338/395070

Scale Created
1:500 7 May 2025

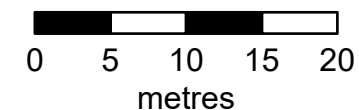
Model name
**Chorlton Platt Gore
2024**

-  Selected area
-  Main river

Modelled 2D grid
Water level in mAOD

-  0 - 0.0
-  0.0 - 5.625
-  5.625 - 11.25
-  11.25 - 16.875
-  16.875 - 22.5
-  22.5 - 28.125
-  28.125 - 33.75
-  33.75 - 39.375
-  39.375 - 45.0

This map shows the
0.1% AEP +53% height data



Sample point data

Defended climate change

Label	Easting	Northing	50% AEP (+53%)	5% AEP (+53%)	1% AEP (+41%)	1% AEP (+53%)	0.1% AEP (+53%)
			Depth	Depth	Depth	Depth	Depth
1	386346	395054	NoData	NoData	NoData	NoData	NoData
2	386353	395054	NoData	NoData	NoData	NoData	NoData
3	386325	395061	NoData	NoData	NoData	NoData	NoData
4	386332	395061	NoData	NoData	NoData	NoData	NoData
5	386339	395061	NoData	NoData	NoData	NoData	NoData
6	386346	395061	NoData	NoData	NoData	NoData	NoData
7	386353	395061	NoData	NoData	NoData	NoData	NoData
8	386318	395068	NoData	NoData	NoData	NoData	0.05
9	386325	395068	NoData	NoData	NoData	NoData	NoData
10	386332	395068	NoData	NoData	NoData	NoData	NoData
11	386339	395068	NoData	NoData	NoData	NoData	NoData
12	386346	395068	NoData	NoData	NoData	NoData	NoData

Label	Easting	Northing	50% AEP (+53%)	5% AEP (+53%)	1% AEP (+41%)	1% AEP (+53%)	0.1% AEP (+53%)
			Depth	Depth	Depth	Depth	Depth
13	386353	395068	NoData	NoData	NoData	NoData	NoData
14	386360	395068	NoData	NoData	NoData	NoData	NoData
15	386318	395075	NoData	NoData	NoData	NoData	NoData
16	386325	395075	NoData	NoData	NoData	NoData	NoData
17	386332	395075	NoData	NoData	NoData	NoData	NoData
18	386339	395075	NoData	NoData	NoData	NoData	NoData
19	386346	395075	NoData	NoData	NoData	NoData	NoData
20	386353	395075	NoData	NoData	NoData	NoData	NoData
21	386318	395082	NoData	NoData	NoData	NoData	0.09
22	386325	395082	NoData	NoData	NoData	NoData	0.09
23	386332	395082	NoData	NoData	NoData	NoData	NoData
24	386339	395082	NoData	NoData	NoData	NoData	NoData

Label	Easting	Northing	50% AEP (+53%)	5% AEP (+53%)	1% AEP (+41%)	1% AEP (+53%)	0.1% AEP (+53%)
			Depth	Depth	Depth	Depth	Depth
25	386346	395082	NoData	NoData	NoData	NoData	NoData
26	386325	395089	NoData	NoData	NoData	NoData	0.04
Max value in selected area:			NoData	NoData	NoData	NoData	NoData

Data in this table comes from the Chorlton Platt Gore 2024 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

Label	Easting	Northing	50% AEP (+53%)	5% AEP (+53%)	1% AEP (+41%)	1% AEP (+53%)	0.1% AEP (+53%)
			Height	Height	Height	Height	Height
1	386346	395054	NoData	NoData	NoData	NoData	NoData
2	386353	395054	NoData	NoData	NoData	NoData	NoData
3	386325	395061	NoData	NoData	NoData	NoData	NoData
4	386332	395061	NoData	NoData	NoData	NoData	NoData
5	386339	395061	NoData	NoData	NoData	NoData	NoData
6	386346	395061	NoData	NoData	NoData	NoData	NoData
7	386353	395061	NoData	NoData	NoData	NoData	NoData
8	386318	395068	NoData	NoData	NoData	NoData	44.42
9	386325	395068	NoData	NoData	NoData	NoData	NoData
10	386332	395068	NoData	NoData	NoData	NoData	NoData
11	386339	395068	NoData	NoData	NoData	NoData	NoData
12	386346	395068	NoData	NoData	NoData	NoData	NoData

Label	Easting	Northing	50% AEP (+53%)	5% AEP (+53%)	1% AEP (+41%)	1% AEP (+53%)	0.1% AEP (+53%)
			Height	Height	Height	Height	Height
13	386353	395068	NoData	NoData	NoData	NoData	NoData
14	386360	395068	NoData	NoData	NoData	NoData	NoData
15	386318	395075	NoData	NoData	NoData	NoData	NoData
16	386325	395075	NoData	NoData	NoData	NoData	NoData
17	386332	395075	NoData	NoData	NoData	NoData	NoData
18	386339	395075	NoData	NoData	NoData	NoData	NoData
19	386346	395075	NoData	NoData	NoData	NoData	NoData
20	386353	395075	NoData	NoData	NoData	NoData	NoData
21	386318	395082	NoData	NoData	NoData	NoData	44.42
22	386325	395082	NoData	NoData	NoData	NoData	44.42
23	386332	395082	NoData	NoData	NoData	NoData	NoData
24	386339	395082	NoData	NoData	NoData	NoData	NoData

Label	Easting	Northing	50% AEP (+53%)	5% AEP (+53%)	1% AEP (+41%)	1% AEP (+53%)	0.1% AEP (+53%)
			Height	Height	Height	Height	Height
25	386346	395082	NoData	NoData	NoData	NoData	NoData
26	386325	395089	NoData	NoData	NoData	NoData	44.42
Max value in selected area:			NoData	NoData	NoData	NoData	NoData

Data in this table comes from the Chorlton Platt Gore 2024 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 climate change modelled fluvial extent and height

Location (easting/northing)
386338/395070

Scale Created
1:500 7 May 2025

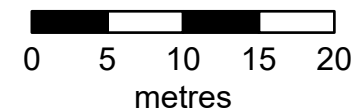
Model name
**Chorlton Platt Gore
2024**

-  Selected area
-  Main river

Modelled 2D grid
Water level in mAOD

-  0 - 0.0
-  0.0 - 5.625
-  5.625 - 11.25
-  11.25 - 16.875
-  16.875 - 22.5
-  22.5 - 28.125
-  28.125 - 33.75
-  33.75 - 39.375
-  39.375 - 45.0

This map shows the
0.1% AEP +53% height data



Sample point data

Defences removed climate change

Label	Easting	Northing	1% AEP (+41%)	1% AEP (+53%)	1% AEP (+85%)	0.1% AEP (+53%)
			Depth	Depth	Depth	Depth
1	386346	395054	NoData	NoData	NoData	NoData
2	386353	395054	NoData	NoData	NoData	NoData
3	386325	395061	NoData	NoData	NoData	NoData
4	386332	395061	NoData	NoData	NoData	NoData
5	386339	395061	NoData	NoData	NoData	NoData
6	386346	395061	NoData	NoData	NoData	NoData
7	386353	395061	NoData	NoData	NoData	NoData
8	386318	395068	NoData	NoData	NoData	0.06
9	386325	395068	NoData	NoData	NoData	NoData
10	386332	395068	NoData	NoData	NoData	NoData
11	386339	395068	NoData	NoData	NoData	NoData
12	386346	395068	NoData	NoData	NoData	NoData

Label	Easting	Northing	1% AEP (+41%)	1% AEP (+53%)	1% AEP (+85%)	0.1% AEP (+53%)
			Depth	Depth	Depth	Depth
13	386353	395068	NoData	NoData	NoData	NoData
14	386360	395068	NoData	NoData	NoData	NoData
15	386318	395075	NoData	NoData	NoData	NoData
16	386325	395075	NoData	NoData	NoData	NoData
17	386332	395075	NoData	NoData	NoData	NoData
18	386339	395075	NoData	NoData	NoData	NoData
19	386346	395075	NoData	NoData	NoData	NoData
20	386353	395075	NoData	NoData	NoData	NoData
21	386318	395082	NoData	NoData	NoData	0.10
22	386325	395082	NoData	NoData	NoData	0.10
23	386332	395082	NoData	NoData	NoData	NoData
24	386339	395082	NoData	NoData	NoData	NoData

Label	Easting	Northing	1% AEP (+41%)	1% AEP (+53%)	1% AEP (+85%)	0.1% AEP (+53%)
			Depth	Depth	Depth	Depth
25	386346	395082	NoData	NoData	NoData	NoData
26	386325	395089	NoData	NoData	NoData	0.04
Max value in selected area:			NoData	NoData	NoData	NoData

Data in this table comes from the Chorlton Platt Gore 2024 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 climate change

Label	Easting	Northing	1% AEP (+41%)	1% AEP (+53%)	1% AEP (+85%)	0.1% AEP (+53%)
			Height	Height	Height	Height
1	386346	395054	NoData	NoData	NoData	NoData
2	386353	395054	NoData	NoData	NoData	NoData
3	386325	395061	NoData	NoData	NoData	NoData
4	386332	395061	NoData	NoData	NoData	NoData
5	386339	395061	NoData	NoData	NoData	NoData
6	386346	395061	NoData	NoData	NoData	NoData
7	386353	395061	NoData	NoData	NoData	NoData
8	386318	395068	NoData	NoData	NoData	44.43
9	386325	395068	NoData	NoData	NoData	NoData
10	386332	395068	NoData	NoData	NoData	NoData
11	386339	395068	NoData	NoData	NoData	NoData
12	386346	395068	NoData	NoData	NoData	NoData

Label	Easting	Northing	1% AEP (+41%)	1% AEP (+53%)	1% AEP (+85%)	0.1% AEP (+53%)
			Height	Height	Height	Height
13	386353	395068	NoData	NoData	NoData	NoData
14	386360	395068	NoData	NoData	NoData	NoData
15	386318	395075	NoData	NoData	NoData	NoData
16	386325	395075	NoData	NoData	NoData	NoData
17	386332	395075	NoData	NoData	NoData	NoData
18	386339	395075	NoData	NoData	NoData	NoData
19	386346	395075	NoData	NoData	NoData	NoData
20	386353	395075	NoData	NoData	NoData	NoData
21	386318	395082	NoData	NoData	NoData	44.43
22	386325	395082	NoData	NoData	NoData	44.43
23	386332	395082	NoData	NoData	NoData	NoData
24	386339	395082	NoData	NoData	NoData	NoData

Label	Easting	Northing	1% AEP (+41%)	1% AEP (+53%)	1% AEP (+85%)	0.1% AEP (+53%)
			Height	Height	Height	Height
25	386346	395082	NoData	NoData	NoData	NoData
26	386325	395089	NoData	NoData	NoData	44.43
Max value in selected area:			NoData	NoData	NoData	NoData

Data in this table comes from the Chorlton Platt Gore 2024 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.

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 Manchester District.

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 Greater Manchester Merseyside and Cheshire Environment Agency team at inforequests.gmmc@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