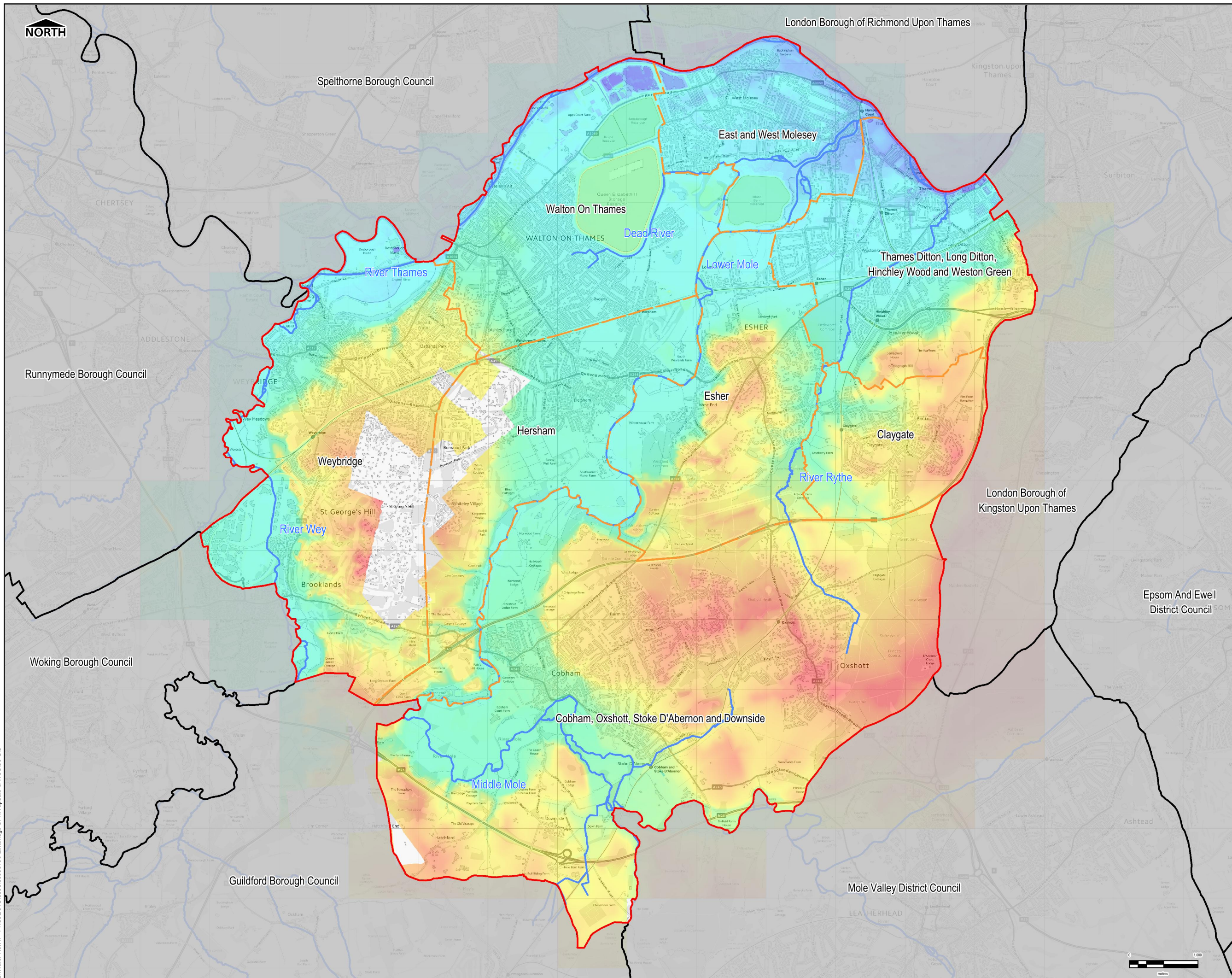


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LEGEND

- Elmsbridge BC boundary
- Settlement Area boundary
- Local Planning Authority Boundaries
- Main Rivers

LIDAR Topographic Survey (mAOD)

- < 5m
- 10m
- 20m
- 30m
- 50m
- >70m

Notes

1. Light Detection and Ranging (LIDAR) is an airborne mapping technique, which uses a laser to measure the distance between the aircraft and the ground.
2. This dataset has a spatial resolution of 1m. The Environment Agency's LIDAR data archive contains digital elevation data derived from surveys carried out since 1998.
3. The Environment Agency typically fly LIDAR along the river corridors and this accounts for the missing coverage over the south east part of Weybridge.

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Revision Details	By	Check	Date	Suffix

Purpose of Issue	FINAL
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Client	
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Project Title	Elmsbridge Borough Council Level 1 Strategic Flood Risk Assessment
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Drawing Title	LiDAR Topographic Survey
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Drawn	Checked	Approved	Date
HB	SL	SK	September 2018
Internal Project No.	Scale at A3		
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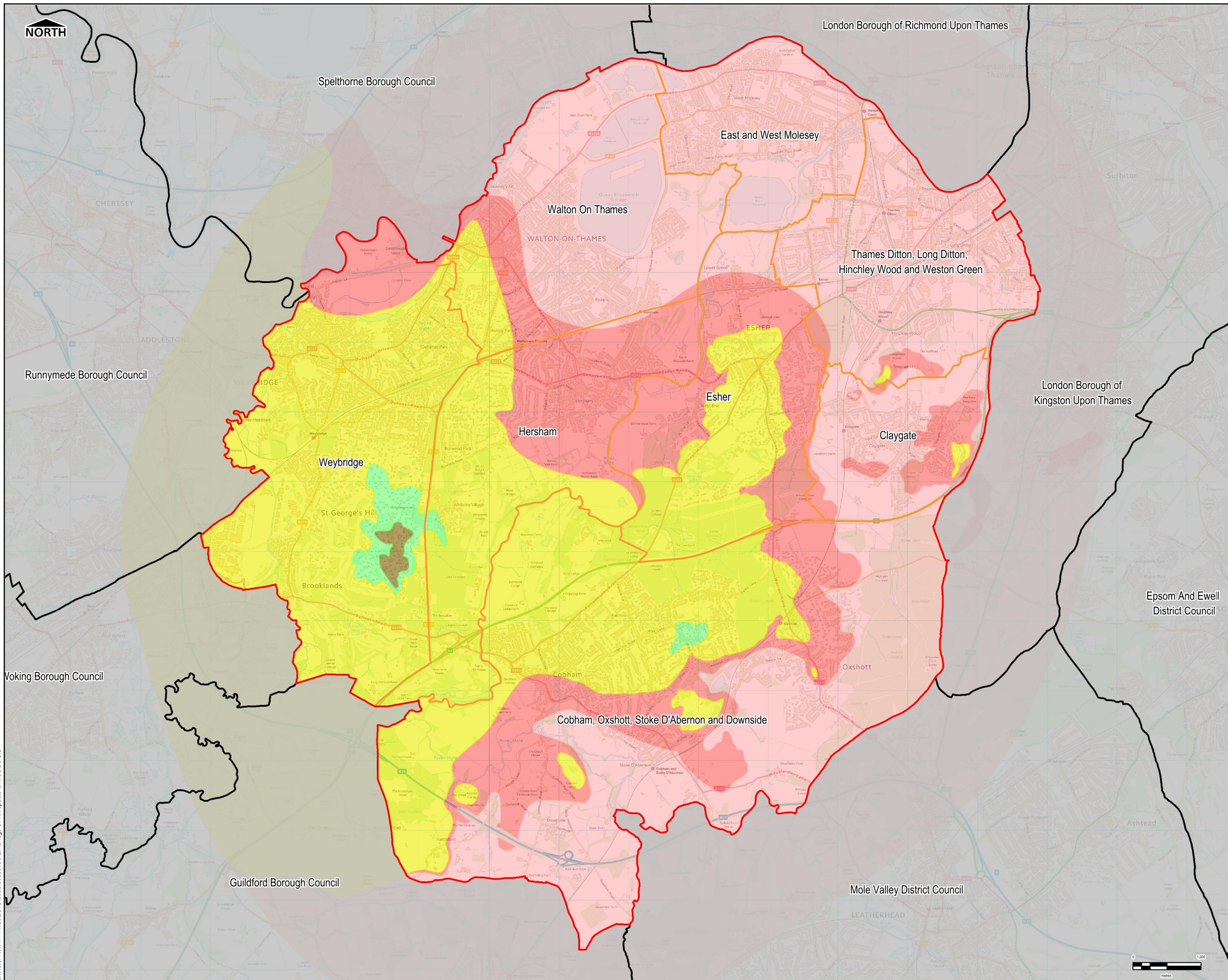
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Drawing Number	Rev
FIGURE B1	01

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LEGEND

- Elbridge BC boundary
- Settlement Area boundary
- Local Planning Authority boundary

Bedrock Formation

- Bedrock Bagshot Formation
- London Clay
- Windlesham Formation
- Camberley Sand
- Claygate Member

Notes

1. Bedrock geology (formerly known as 'solid' geology by BGS) is the term used for the main mass of rocks forming the earth and is present everywhere, where exposed at the surface, or concealed beneath superficial deposits or water.
2. The data shown is the BGS Bedrock Geology data.
3. Further information on Bedrock Geology can be found within Section 2.3 of the Level 1 SFRA report

Intended Use

The 1:50 000 scale digital map data is generalised and the geological interpretation should be used only as a guide to the geology at a local level, not as a site-specific geological plan based on detailed site investigations.

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Project Title

Elbridge Borough Council Level 1 Strategic Flood Risk Assessment

Drawing Title

Bedrock Geology

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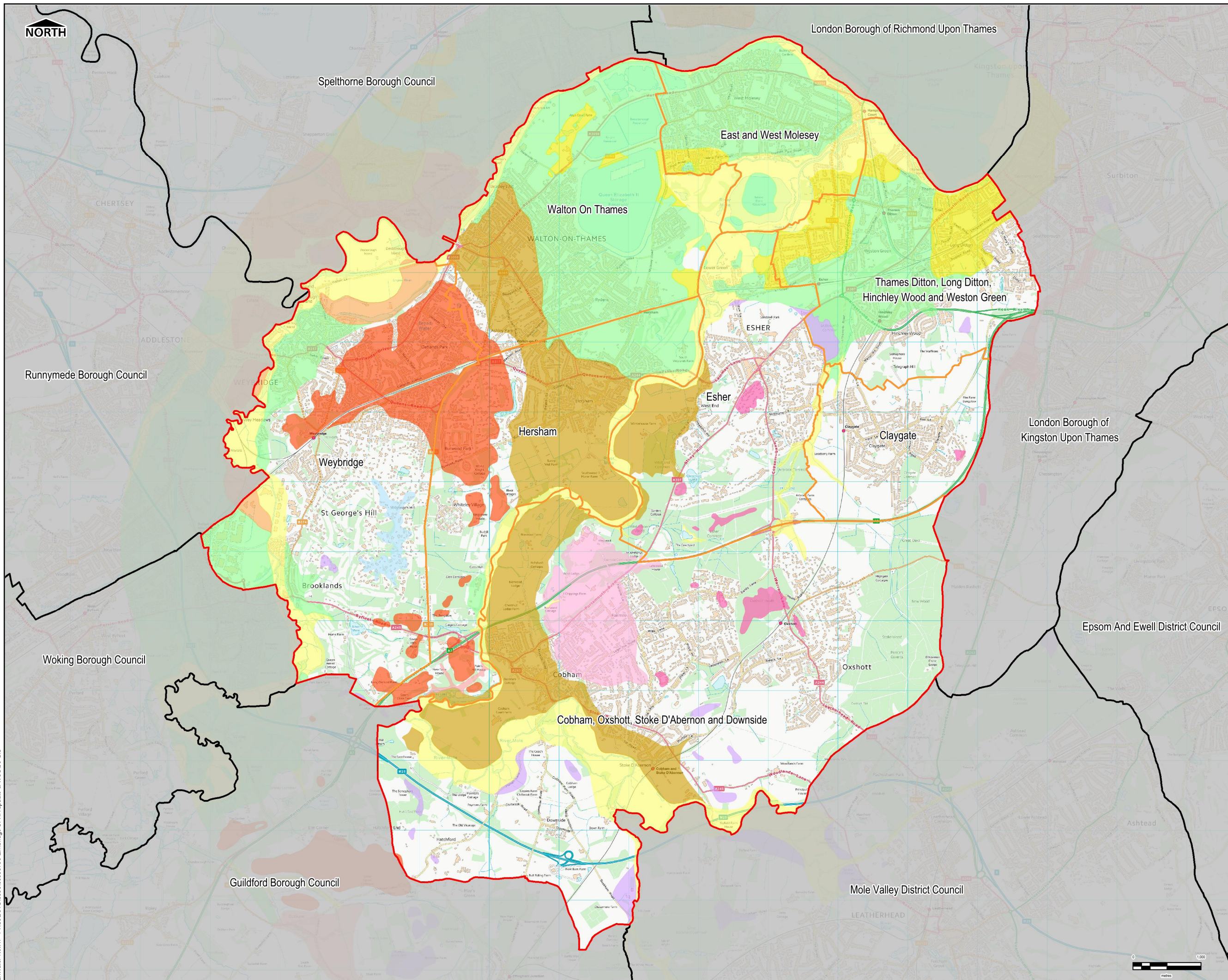
FIGURE B2

Rev

01

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LEGEND

- Elbridge BC boundary
 - Settlement Area boundary
 - Local Planning Authority boundary
- Superficial Deposits
- Sand and Gravel
 - River Terrace Deposits
 - Head
 - Black Pearl Gravel
 - Boyn Hill Gravel
 - Taplow Gravel
 - Lynch Hill Gravel
 - Shepperton Gravel
 - Langley Silt
 - Kempton Park Gravel
 - Alluvium

Notes

1. Superficial deposits (formerly known as 'triff' by BGS) are the youngest geological deposits formed during the most recent period of geological time, the Quaternary, which extends back about 2.6 million years from the present. They rest on older deposits or rocks referred to as bedrock.
2. The data shown is the BGS Superficial Deposits Geology data.
3. Further information on Superficial Deposits Geology can be found within Section 2.3 of the Level 1 SFRA report

Intended Use

The 1:50 000 scale digital map data is generalised and the geological interpretation should be used only as a guide to the geology at a local level, not as a site-specific geological plan based on detailed site investigations.

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Elbridge Borough Council
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Project Title

Elbridge Borough Council Level 1 Strategic Flood Risk Assessment

Drawing Title

Superficial Geology

Drawn	Checked	Approved	Date
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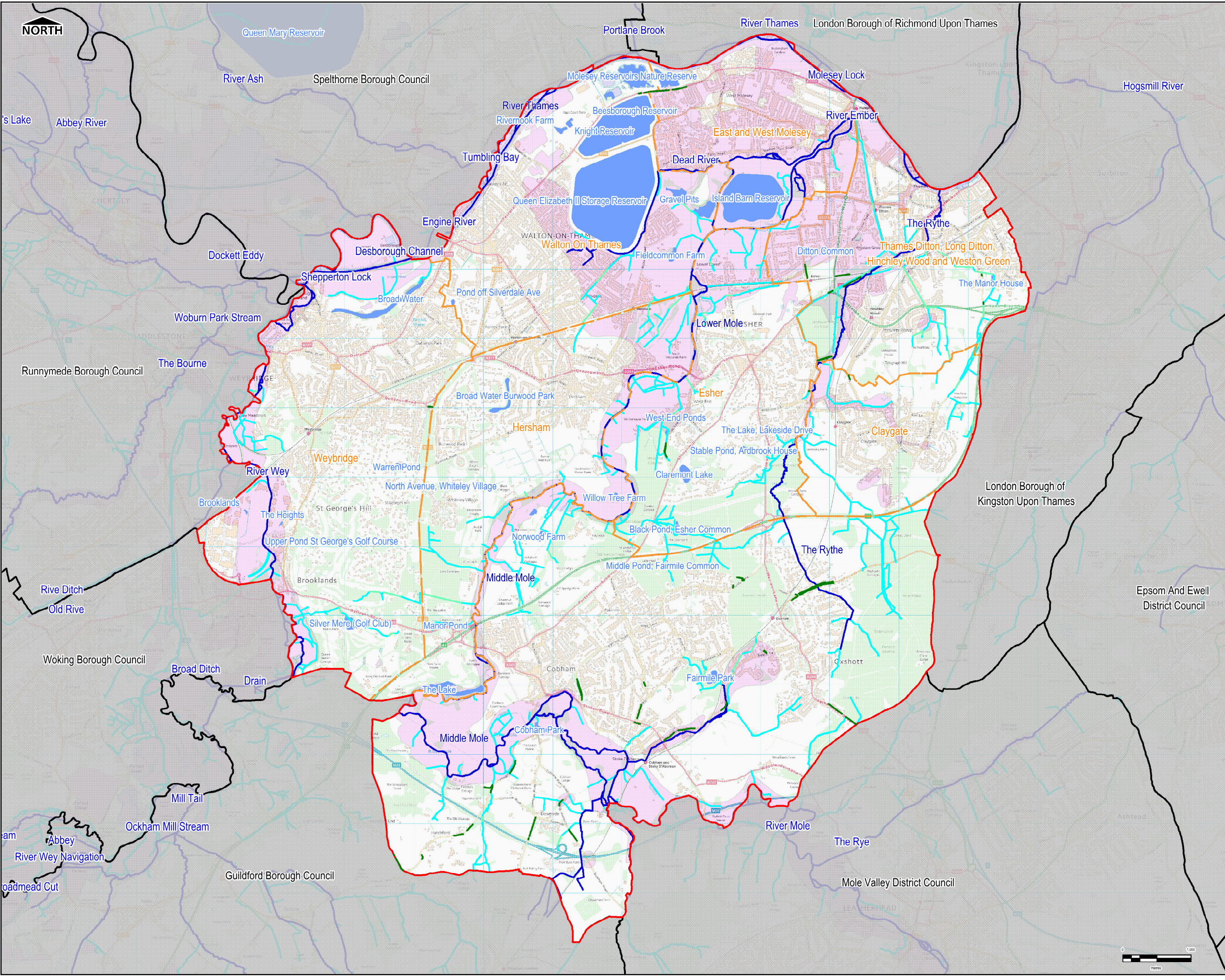
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LEGEND

- Elmbridge BC boundary
- Local Planning Authority boundary
- Settlement Area boundary
- Main Rivers
- Open Ordinary Watercourses
- Culverted Ordinary Watercourses
- Surrey County Council Highways Ditches
- Surface Water Bodies
- Environment Agency Historic Flood Map (Fluvial Flooding)

- Notes**
1. Watercourse defined on a 'Main River Map' designated by Defra. The Environment Agency has permissive powers to carry out flood defence works, maintenance and operational activities for Main Rivers only.
 2. A watercourse that does not form part of a Main River. This includes all rivers and streams and all ditches, drains, cuts, culverts, dikes, sluices (other than public sewers within the meaning of the Water Industry Act 1991) and passages, through which water flows according to the Land Drainage Act 1991.
 3. Water bodies within the Borough have been identified from a review of the Ordnance Survey (OS) 1:10,000 scale mapping. Water bodies have been identified that are 0.01km² or greater.

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Purpose of Issue: **FINAL**



Project Title: **Elmbridge Borough Council Strategic Flood Risk Assessment**

Drawing Title: **Watercourses and Waterbodies**

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Drawing Number	Rev
FIGURE B4	01

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LEGEND

- Elmbridge BC boundary
- Settlement Area boundary
- Local Planning Authority boundary

Areas Susceptible to Groundwater Flooding

- < 25%
- >= 25% < 50%
- >= 50% < 75%
- >= 75%
- Not considered to be prone to groundwater flooding

Notes

1. Areas Susceptible to Groundwater Flooding (ASIGWF) is a strategic scale map showing where groundwater flooding could occur on a 1km square grid. It shows the proportion of each 1km grid square where geological and hydrogeological conditions show that groundwater flooding could occur. The susceptible areas are represented by one of four categories showing the proportion of each 1km square that is susceptible to groundwater emergence. It does not show the likelihood of groundwater flooding occurring.
2. The absence of values for any grid square means that no part of that square is identified as being susceptible to groundwater emergence.
3. The map identifies areas where further investigation is needed to assess whether groundwater flooding may affect property or infrastructure.
4. This data shown is the Environment Agency dataset 'Areas Susceptible to Groundwater Flooding'.
5. Further information on Groundwater Flooding can be found within Section 2.3 of the Level 1 SFRA.

Intended Use

The 1:50 000 scale digital map data is generalised and the geological interpretation should be used only as a guide to the geology at a local level, not as a site-specific geological plan based on detailed site investigations.

This map is intended to provide a strategic overview of susceptibility to groundwater flooding and should not be used to assess flood risk for individual properties.

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Purpose of Issue	FINAL
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Client



Project Title

Elmbridge Borough Council Strategic Flood Risk Assessment

Drawing Title

Areas Susceptible to Groundwater Flooding

Drawn	Checked	Approved	Date
HB	SL	SK	September 2018

Internal Project No.	Scale at A3
60565750	1:50,000

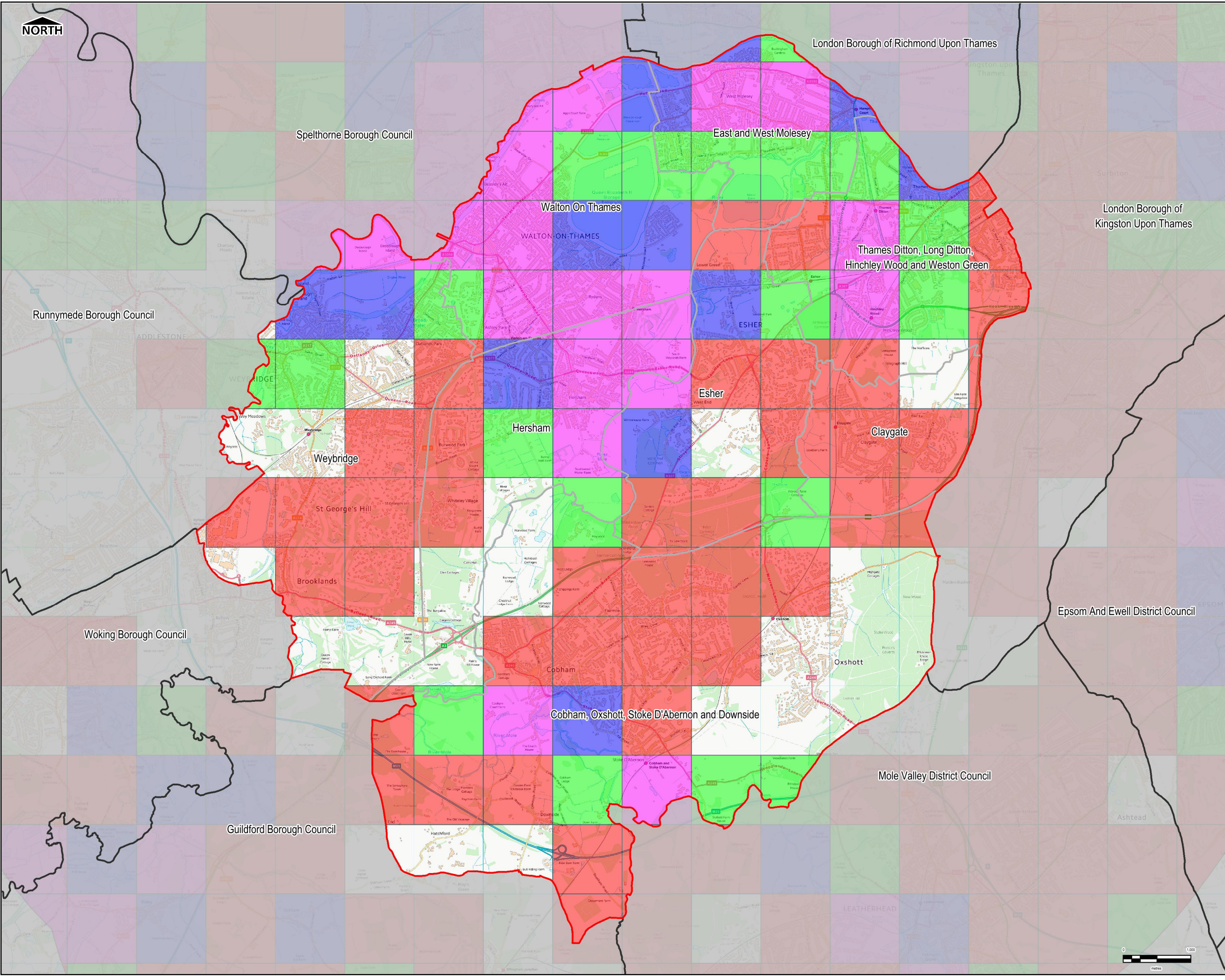
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FIGURE B5	01



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LEGEND

- Elmridge BC boundary
- Local Planning Authority boundary
- Settlement Area boundary

BGS Infiltration SuDS Map (Detailed)

- Highly compatible for infiltration SuDS
- Probably compatible for infiltration SuDS
- Opportunities for bespoke infiltration SuDS
- Very significant constraints are indicated

Notes

The 1:50 000 scale digital map data is generalised and the geological interpretation should be used only as a guide to the geology at a local level, not as a site-specific geological plan based on detailed site investigations.

Descriptions of each of the categories are as follows:

- Highly compatible for infiltration SuDS: The subsurface is likely to be suitable for free-draining infiltration SuDS.
- Probably compatible for infiltration SuDS: The subsurface is probably suitable for infiltration SuDS although the design may be influenced by the ground conditions.
- Opportunities for bespoke infiltration SuDS: The subsurface is potentially suitable for infiltration SuDS although the design will be influenced by the ground conditions.
- Very significant constraints are indicated: There is a very significant potential for one or more geohazards associated with infiltration.

Intended Use

This map is intended to provide a strategic overview of infiltration SuDS suitability and should not be used to assess suitability for individual properties.

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Purpose of Issue: **FINAL**



Project Title: **Elmridge Borough Council Strategic Flood Risk Assessment**

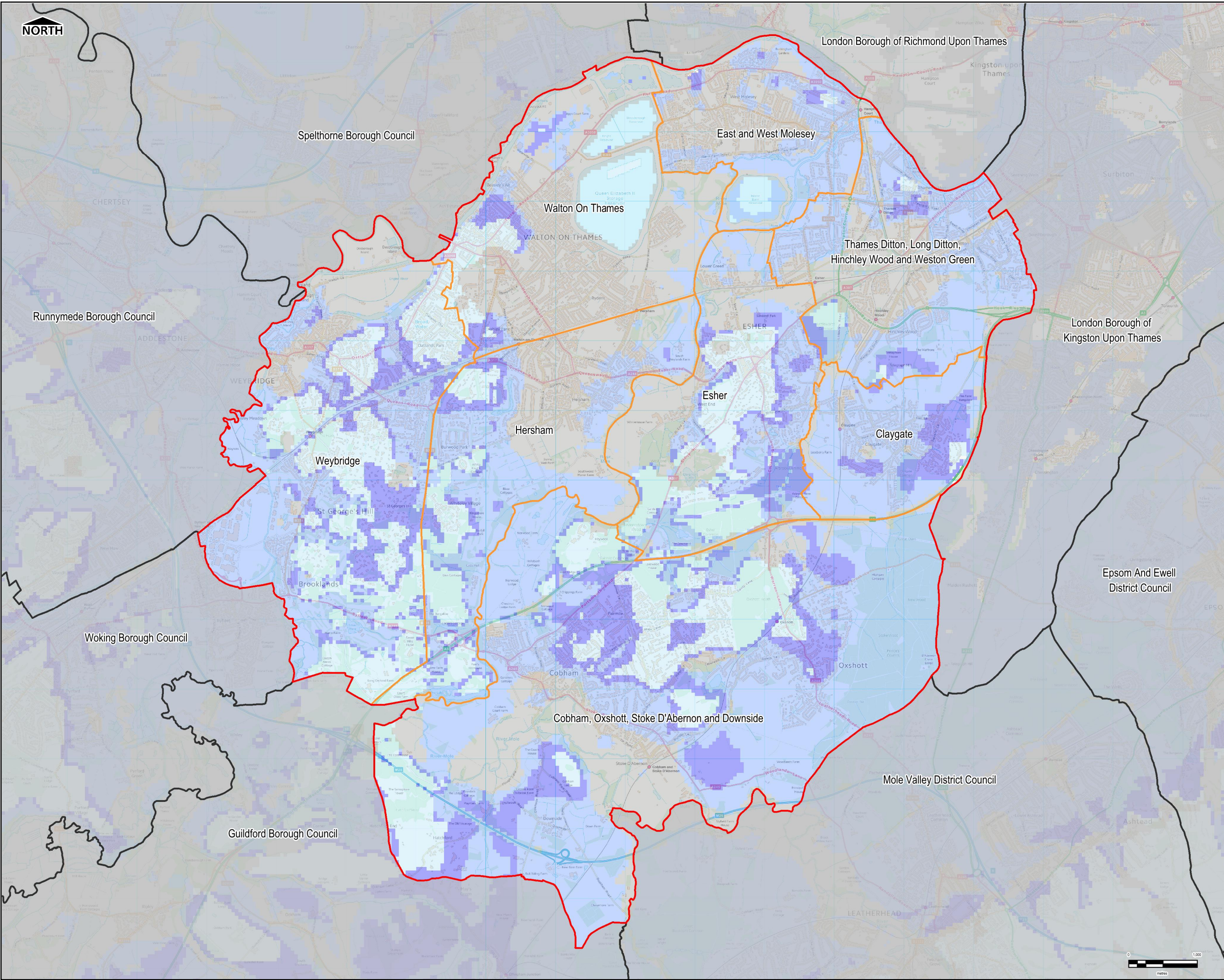
Drawing Title: **BGS Infiltration SuDS Map (detailed)**

Drawn	Checked	Approved	Date
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Internal Project No.		Scale at A3	
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Drawing Number: **FIGURE B6** Rev: **01**



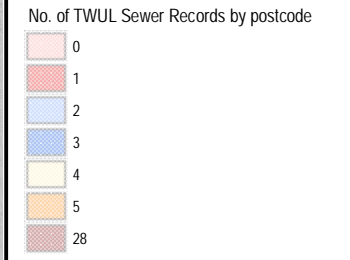
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LEGEND

- Elmbridge BC boundary
- Local Planning Authority boundary
- Settlement Area boundary
- Post Code Sector Boundary



Notes

1. TWUL has supplied records of sewer flooding for the Borough through their DG5 register on the total number of properties affected by and at risk of sewer flooding based on historic flooding. This data has been displayed using the 4 digit postcode boundaries in the Borough.

Intended Use

This map is intended to provide a strategic overview of historic sewer flooding and should not be used to assess flood risk for individual properties

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Revision Details			
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Project Title

Elmbridge Borough Council Level 1 Strategic Flood Risk Assessment

Drawing Title

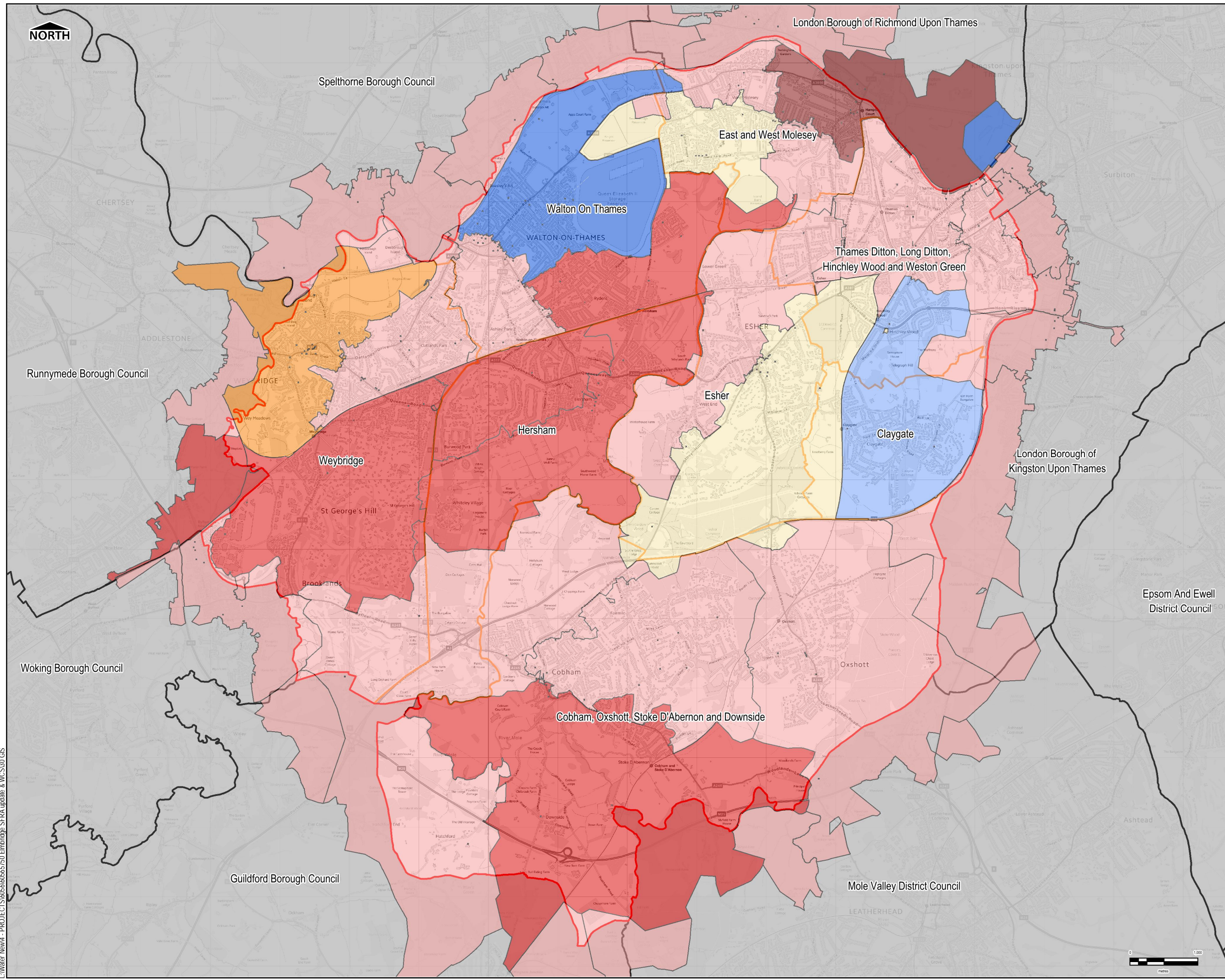
Recorded Incidents of Internal Sewer Flooding

Drawn	Checked	Approved	Date
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FIGURE B7	01



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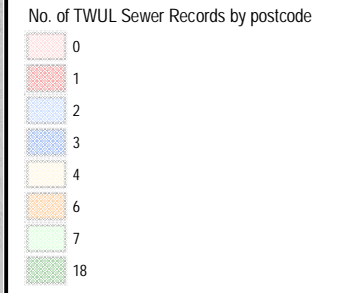


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LEGEND

- Elmridge BC boundary
- Local Planning Authority boundary
- Settlement Area boundary
- Post Code Sector Boundary



Notes

1. TWUL has supplied records of sewer flooding for the Borough through their DG5 register on the total number of properties affected by and at risk of sewer flooding based on historic flooding. This data has been displayed using the 4 digit postcode boundaries in the Borough.

Intended Use

This map is intended to provide a strategic overview of historic sewer flooding and should not be used to assess flood risk for individual properties

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Purpose of Issue

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Project Title

Elmridge Borough Council Level 1 Strategic Flood Risk Assessment

Drawing Title

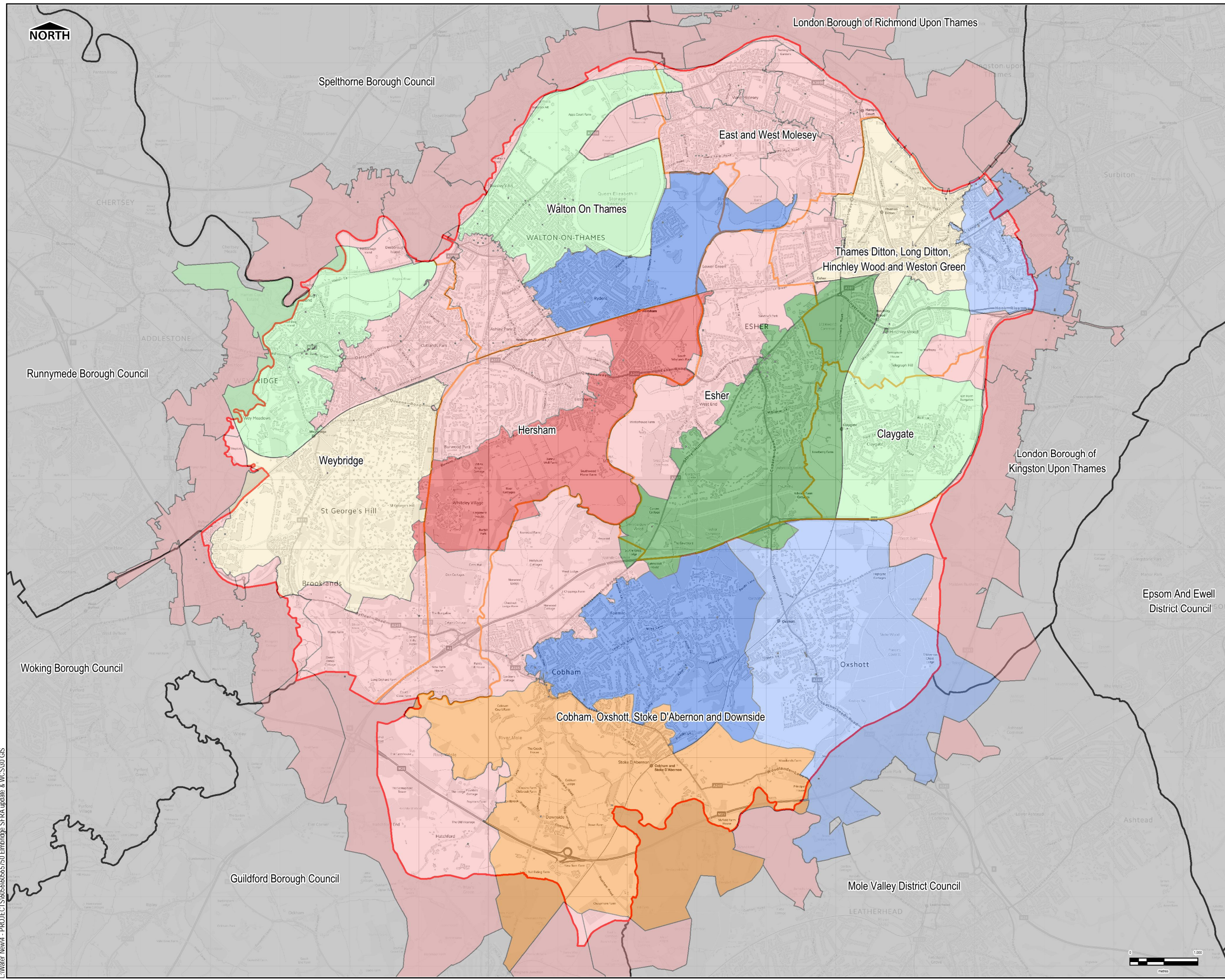
Recorded Incidents of External Sewer Flooding

Drawn	Checked	Approved	Date
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Internal Project No.		Scale at A3	
60565750		1:50,000	

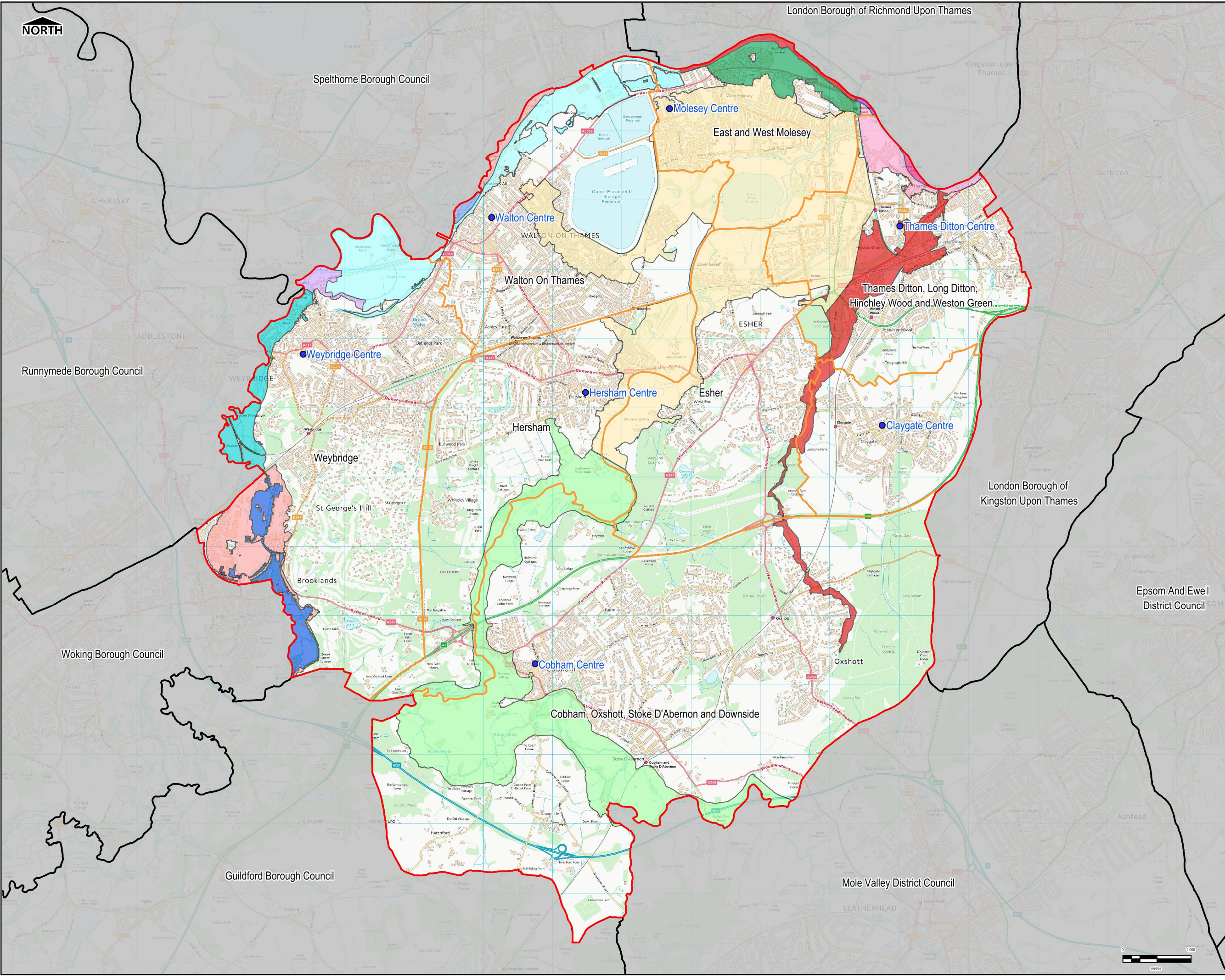
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FIGURE B8	01



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London Borough of Richmond Upon Thames

Spelthorne Borough Council

● Molesey Centre

East and West Molesey

● Walton Centre

WALTON-ON-THAMES

Walton On Thames

● Thames Ditton Centre

Thames Ditton, Long Ditton, Hinchley Wood and Weston Green

● Hersham Centre

Esher

● Claygate Centre

Runnymede Borough Council

● Weybridge Centre

Weybridge

Hersham

London Borough of Kingston Upon Thames

St George's Hill

Brooklands

● Cobham Centre

Cobham, Oxshott, Stoke D'Abernon and Downside

Woking Borough Council

Epsom And Ewell District Council

Guildford Borough Council

Mole Valley District Council

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LEGEND

- Elbridge BC boundary
 - Local Planning Authority boundary
 - Settlement Area boundary
 - Elbridge BC Emergency Rest Centres
- Environment Agency Flood Warning Areas
- | | |
|--|--|
| Properties closest to the River Thames at Sunbury | River Thames at Hampton and Hampton Wick |
| Properties closest to the River Thames from Platts Eyot to Hampton Court Bridge | River Thames at Shepperton and Lower Hallford |
| Properties closest to the River Thames from Shepperton Lock to Beasley's Ait | River Thames at Sunbury |
| Properties closest to the River Wey between Walsham Meadow and Byfleet town | River Thames at Thames Ditton |
| River Mole at Esher and East Molesey | River Thames at Thames Ditton Island |
| River Mole at Leatherhead and Felcham | River Thames at Wallon |
| River Mole at Stoke D'Abernon, Cobham and South Hersham | River Wey at Weybridge town |
| River Thames at East and West Molesey | River Wey at Wisley and Byfleet |
| River Thames at Hamm Court | The River Rylde between Oxshott and Thames Ditton |

Notes

The Environment Agency provide a free flood warning service for many areas at risk of flooding from rivers and the sea. In some parts of England the Environment Agency may be able to provide warnings when flooding from groundwater is possible. The Environment Agency free flood warning service can provide advance notice of flooding and can provide time to prepare.

The Environment Agency issue flood warnings to homes and businesses when flooding is expected. Upon receipt of a flood warning, occupants should take immediate action.

The Environment Agency issue flood alerts when flooding is possible. Flood alerts cover larger areas than flood warnings and are issued more frequently. Upon receipt of a flood warning, occupants should be prepared for flooding and to take action.

If a flood alert for groundwater is available this does not mean that your property is definitely at risk. It is very difficult to predict the exact location of flooding from groundwater as it is often related to local geology. To help people, the Environment Agency provide flood alerts for large areas that could be affected if groundwater levels were high.

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Purpose of Issue: **FINAL**

Client: Elbridge Borough Council

Project Title: **Elbridge Borough Council Level 1 Strategic Flood Risk Assessment**

Drawing Title: **Environment Agency Flood Warning Areas**

Drawn: HB	Checked: SL	Approved: SK	Date: September 2018
Internal Project No: 60575750	Scale: at A3 1:50,000		

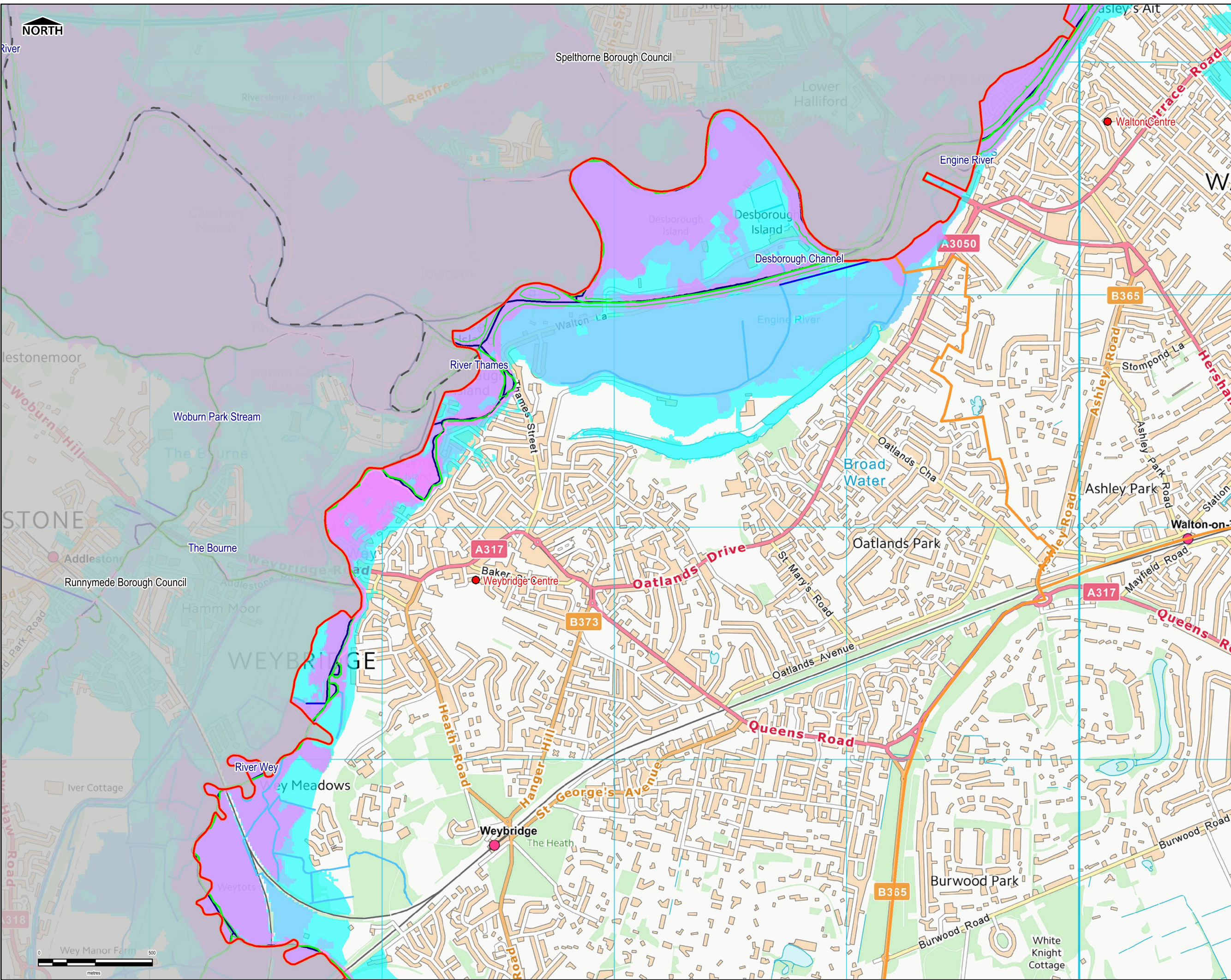
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LEGEND

- Borough Boundary
- LPAS
- Settlement Areas

Watercourses

- Main River
- Ordinary Watercourses- Culverted
- Ordinary Watercourses- Surface

Environment Agency Flood Zones

- Flood Zone 2
- Flood Zone 3
- Modelled Flood Zone 3b

Environment Agency Maintained Flood Defences

- Embankment
- High Ground
- Wall

Third Party Maintained Defences

- Embankment
- High Ground
- Wall

- Areas Benefiting from Defences
- Elmbridge Primary Rest Centres

Notes

- This map shows the predicted likelihood of fluvial flooding based on the Environment Agency's Flood Map for Planning (Rivers and the Sea) and catchment modelling studies, which may be subject to revision in the future. The Flood Map for Planning is provided on the Environment Agency website (www.gov.uk/environment-agency).
- The probability of fluvial flooding is divided into the following categories:
 - Flood Zone 1 - Land having a less than 0.1% annual exceedance probability (AEP) of river flooding (<1 in 1,000 chance each year). Shown as clear on the Flood Map - all land outside Flood Zones 2 and 3.
 - Flood Zone 2 - Land having between a 1% and 0.1% AEP of river flooding (between 1 in 100 and 1 in 1,000 chance each year).
 - Flood Zone 3 - Land having a 1% AEP or greater of river flooding (<1 in 100 chance).
- Flood Zone 3b Functional Floodplain is defined as land where water has to flow or be stored in times of flood, or land purposely designed to flood in an extreme event (0.1% AEP). For the purpose of this SFRA, land modelled to have a probability of flooding of 5% AEP or greater has been used by Elmbridge BC as a starting point for identifying areas of Functional Floodplain. Refer to Section 2.3 of the SFRA Report for further detail of the modelling studies used to define the extents of Flood Zone 3b.

Intended Use

This map is intended to provide a strategic overview of fluvial flood risk and should not be used to assess flood risk for individual properties.

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Purpose of Issue

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Project Title

Elmbridge Borough Council Level 1 Strategic Flood Risk Assessment

Drawing Title

Flood Risk from Rivers Weybridge (View 1)

Drawn	Checked	Approved	Date
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Internal Project No. 60565750 **Scale at A3** 1:15,000

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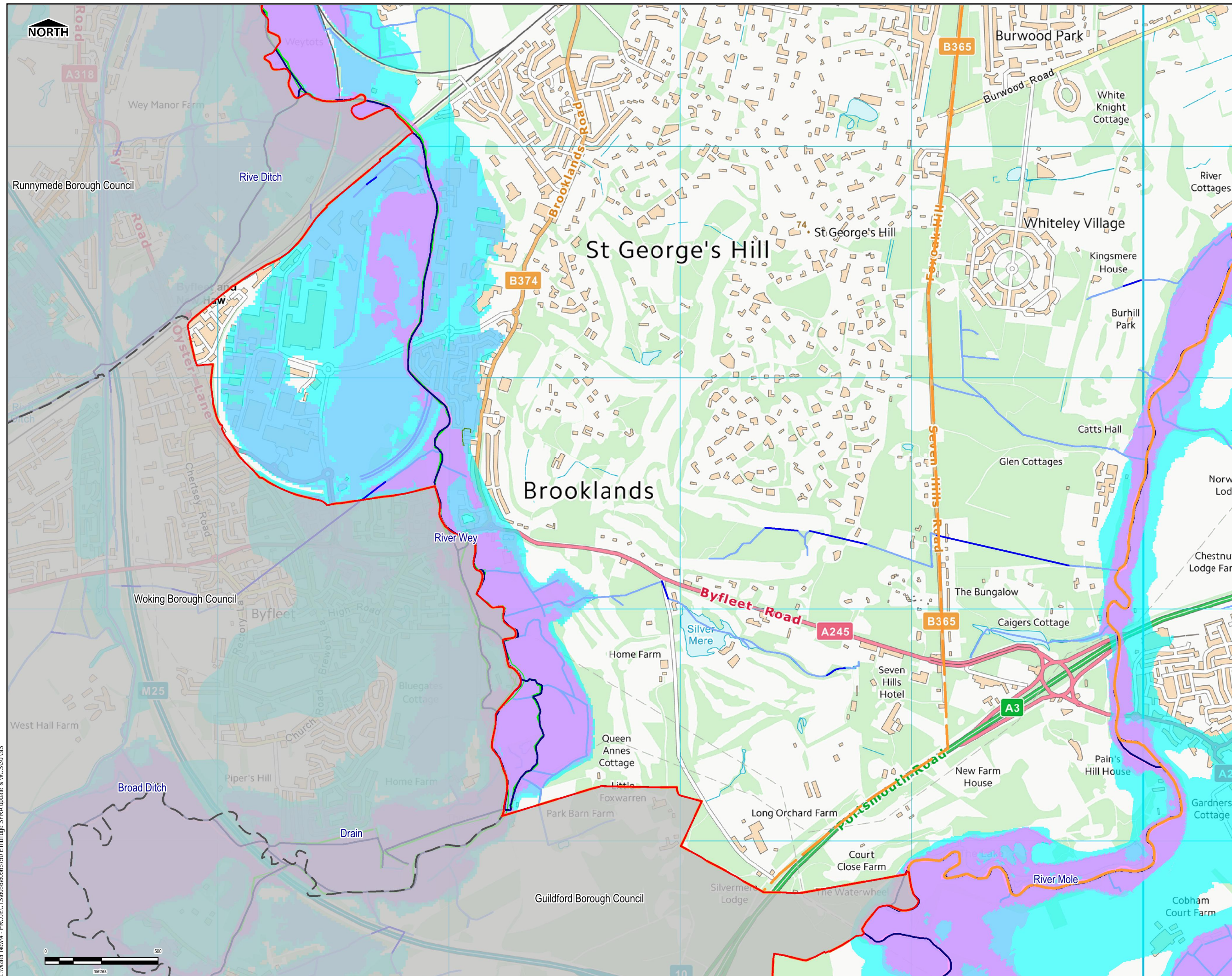
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FIGURE C1	01

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LEGEND

- Borough Boundary
- LPAS
- Settlement Areas
- Watercourses
 - Main River
 - Ordinary Watercourses- Culverted
 - Ordinary Watercourses- Surface
- Environment Agency Flood Zones
 - Flood Zone 2
 - Flood Zone 3
 - Modelled Flood Zone 3b
- Environment Agency Flood Defences
 - Embankment
 - High Ground
 - Wall
- Third Party Maintained Flood Defences
 - Embankment
 - High Ground
 - Wall
- Areas Benefitting from Flood Defences
- Elmbridge Primary Rest Centres

Notes

- This map shows the predicted likelihood of fluvial flooding based on the Environment Agency's Flood Map for Planning (Rivers and the Sea) and catchment modelling studies, which may be subject to revision in the future. The Flood Map for Planning is provided on the Environment Agency website (www.gov.uk/environment-agency).
- The probability of fluvial flooding is divided into the following categories:
 - Flood Zone 1 - Land having a less than 0.1% annual exceedance probability (AEP) of river flooding (<1 in 1,000 chance each year). Shown as clear on the Flood Map - all land outside Flood Zones 2 and 3.
 - Flood Zone 2 - Land having between a 1% and 0.1% AEP of river flooding (between 1 in 100 and 1 in 1,000 chance each year).
 - Flood Zone 3 - Land having a 1% AEP or greater of river flooding (>1 in 100 chance).
- Flood Zone 3b Functional Floodplain is defined as land where water has to flow or be stored in times of flood, or land purposely designed to flood in an extreme event (0.1% AEP). For the purpose of this SFRA, land modelled to have a probability of flooding of 5% AEP or greater has been used by Elmbridge BC as a starting point for identifying areas of Functional Floodplain. Refer to Section 2.3 of the SFRA Report for further detail of the modelling studies used to define the extents of Flood Zone 3b.

Intended Use
This map is intended to provide a strategic overview of fluvial flood risk and should not be used to assess flood risk for individual properties.

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 Elmbridge Borough Council

Project Title
Elmbridge Borough Council Level 1 Strategic Flood Risk Assessment

Drawing Title
Flood Risk from Rivers Weybridge (View 2)

Drawn	Checked	Approved	Date
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Internal Project No. 60565750 **Scale at A3** 1:15,000

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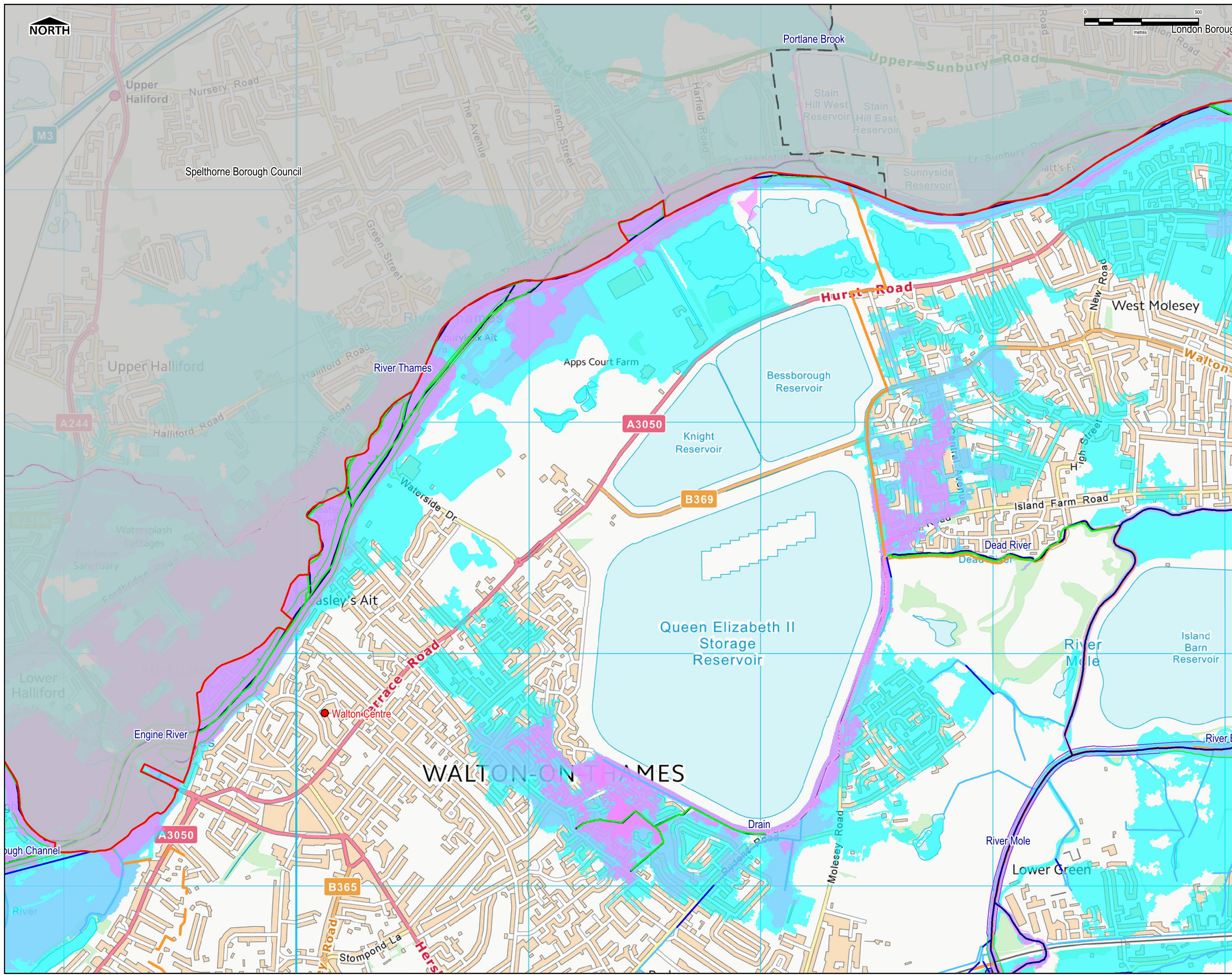
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FIGURE C2	01

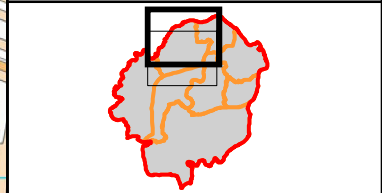
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LEGEND

- Borough Boundary
- LPAS
- Settlement Areas
- Watercourses**
 - Main River
 - Ordinary Watercourses- Culverted
 - Ordinary Watercourses- Surface
- Environment Agency Flood Zones**
 - Flood Zone 2
 - Flood Zone 3
 - Modelled Flood Zone 3b
- Environment Agency Maintained Flood Defences**
 - Embankment
 - High Ground
 - Wall
- Third Party Maintained Defences**
 - Embankment
 - High Ground
 - Wall
- Areas Benefiting from Defences
- Elmbridge Primary Rest Centres



Notes

- This map shows the predicted likelihood of fluvial flooding based on the Environment Agency's Flood Map for Planning (Rivers and the Sea) and catchment modelling studies, which may be subject to revision in the future. The Flood Map for Planning is provided on the Environment Agency website (www.gov.uk/environment-agency).
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 - Flood Zone 2 - Land having between a 1% and 0.1% AEP of river flooding (between 1 in 100 and 1 in 1,000 chance each year).
 - Flood Zone 3 - Land having a 1% AEP or greater of river flooding (<1 in 100 chance).
- Flood Zone 3b Functional Floodplain is defined as land where water has to flow or be stored in times of flood, or land purposely designed to flood in an extreme event (0.1% AEP). For the purpose of this SFRA, land modelled to have a probability of flooding of 5% AEP or greater has been used by Elmbridge BC as a starting point for identifying areas of Functional Floodplain. Refer to Section 2.2 of the SFRA Report for further detail of the modelling studies used to define the extents of Flood Zone 3b.

Intended Use
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Project Title
 Elmbridge Borough Council Level 1 Strategic Flood Risk Assessment

Drawing Title
 Flood Risk from Rivers Walton on Thames (View 1)

Drawn	Checked	Approved	Date
HB	SL	SK	September 2018

Internal Project No.
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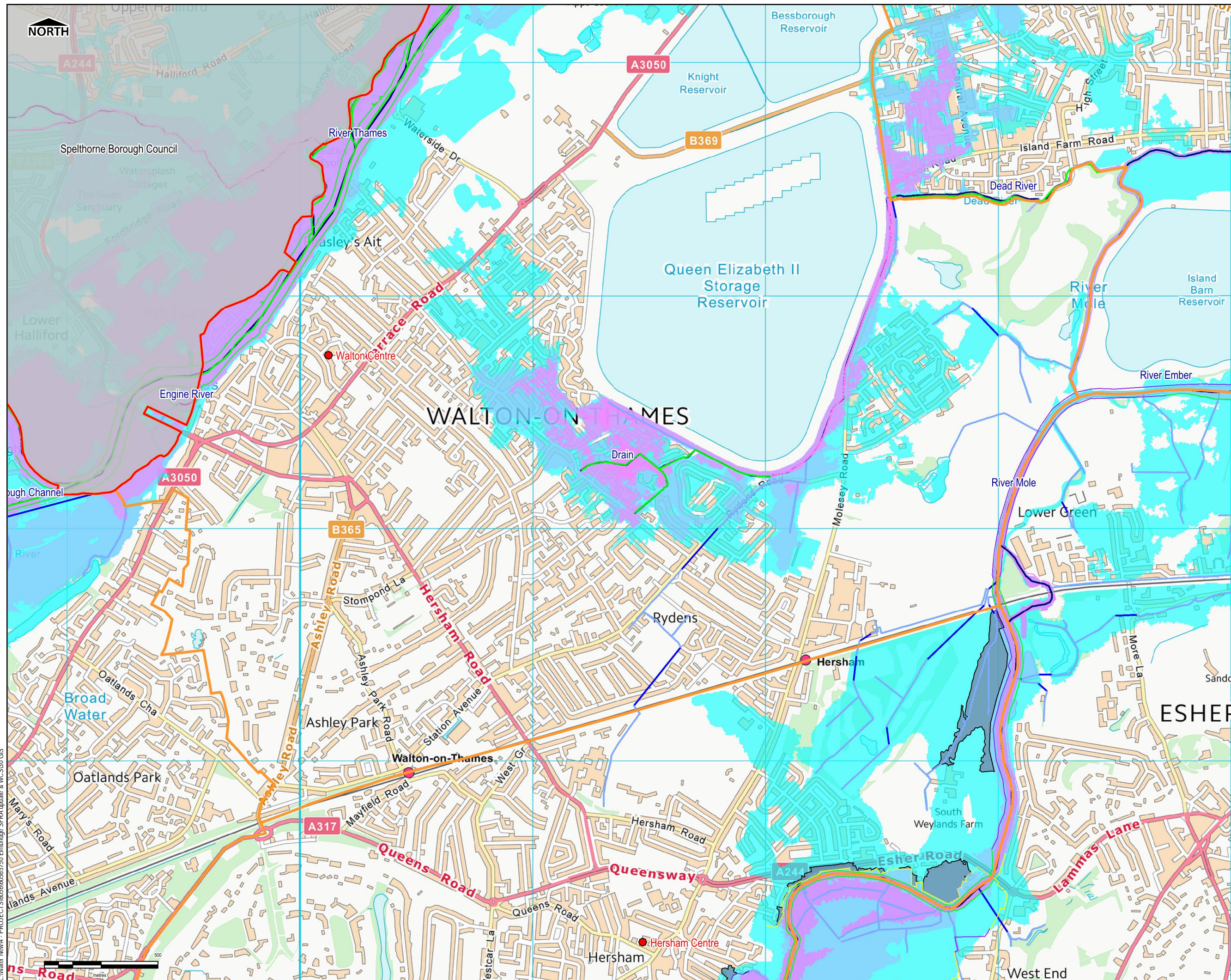
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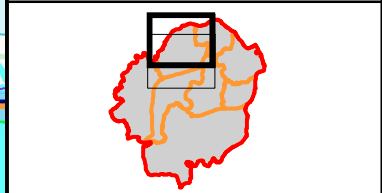
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LEGEND

- Borough Boundary
- LPAS
- Settlement Areas
- Watercourses
 - Main Rivers
 - Ordinary Watercourses- Culverted
 - Ordinary Watercourses- Surface
- Environment Agency Flood Zones
 - Flood Zone 2
 - Flood Zone 3
 - Modelled Flood Zone 3b
- Environment Agency Maintained Flood Defences
 - Embankment
 - High Ground
 - Wall
- Third Party Maintained Defences
 - Embankment
 - High Ground
 - Wall
- Areas Benefiting from Defences
- Elmbridge Primary Rest Centres



Notes

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 - Flood Zone 2 - Land having between a 1% and 0.1% AEP of river flooding (between 1 in 100 and 1 in 1,000 chance each year).
 - Flood Zone 3 - Land having a 1% AEP or greater of river flooding (<1 in 100 chance).
- Flood Zone 3b Functional Floodplain is defined as land where water has to flow or be stored in times of flood, or land purposely designed to flood in an extreme event (0.1% AEP). For the purpose of this SFRA, land purposely designed to have a probability of flooding of 5% AEP or greater has been used by Elmbridge BC as a starting point for identifying areas of Functional Floodplain. Refer to Section 2.3 of the SFRA Report for further detail of the modelling studies used to define the extents of Flood Zone 3b.

Intended Use
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Project Title
 Elmbridge Borough Council Level 1 Strategic Flood Risk Assessment

Drawing Title
 Flood Risk from Rivers Walton on Thames (View 2)

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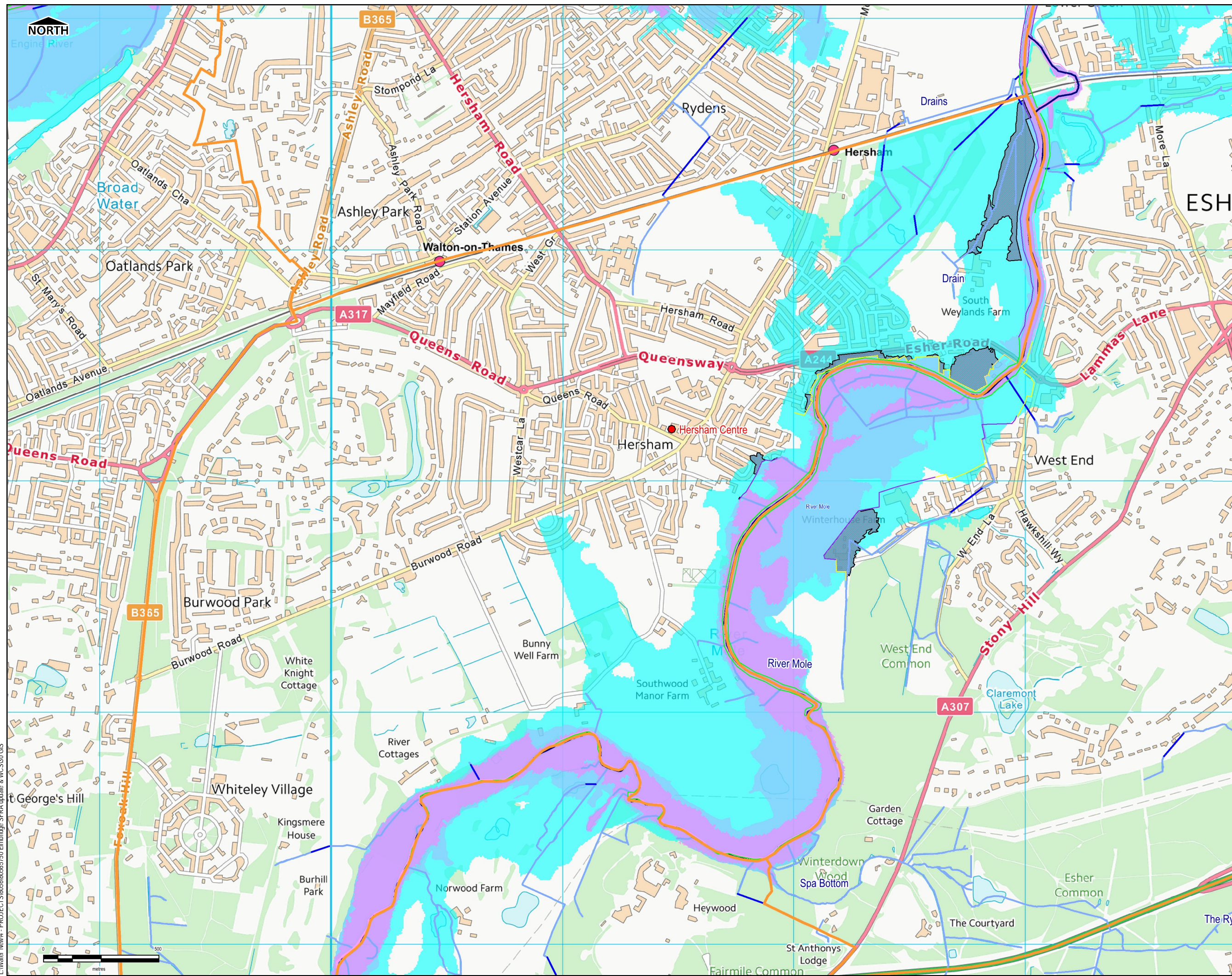
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LEGEND

- Borough Boundary
- LPAS
- Settlement Areas

Watercourses

- Main River
- Ordinary Watercourses- Culverted
- Ordinary Watercourses- Surface

Environment Agency Flood Zones

- Flood Zone 2
- Flood Zone 3
- Modelled Flood Zone 3b

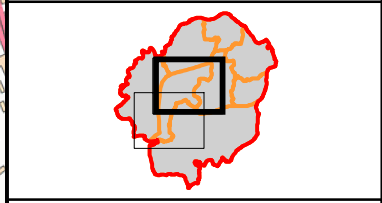
Environment Agency Maintained Flood Defences

- Embankment
- High Ground
- Wall

Third Party Maintained Defences

- Embankment
- High Ground
- Wall

- Areas Benefiting from Defences
- Elmbridge Primary Rest Centres



Notes

- This map shows the predicted likelihood of fluvial flooding based on the Environment Agency's Flood Map for Planning (Rivers and the Sea) and catchment modelling studies, which may be subject to revision in the future. The Flood Map for Planning is provided on the Environment Agency website (www.gov.uk/environment-agency).
- The probability of fluvial flooding is divided into the following categories:
 Flood Zone 1 - Land having a less than 0.1% annual exceedance probability (AEP) of river flooding (<1 in 1,000 chance each year). Shown as clear on the Flood Map - all land outside Flood Zones 2 and 3.
 Flood Zone 2 - Land having between a 1% and 0.1% AEP of river flooding (between 1 in 100 and 1 in 1,000 chance each year).
 Flood Zone 3 - Land having a 1% AEP or greater of river flooding (<1 in 100 chance).
 Flood Zone 3b Functional Floodplain is defined as land where water is to flow or be stored in times of flood, or land purposely designed to flood in an extreme event (0.1% AEP). For the purpose of this SFRA, land modelled to have a probability of flooding of 5% AEP or greater has been used by Elmbridge BC as a starting point for identifying areas of Functional Floodplain. Refer to Section 2.3 of the SFRA Report for further detail of the modelling studies used to define the extents of Flood Zone 3b.

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Project Title
 Elmbridge Borough Council Level 1 Strategic Flood Risk Assessment

Drawing Title
 Flood Risk from Rivers Hersham (View 1)

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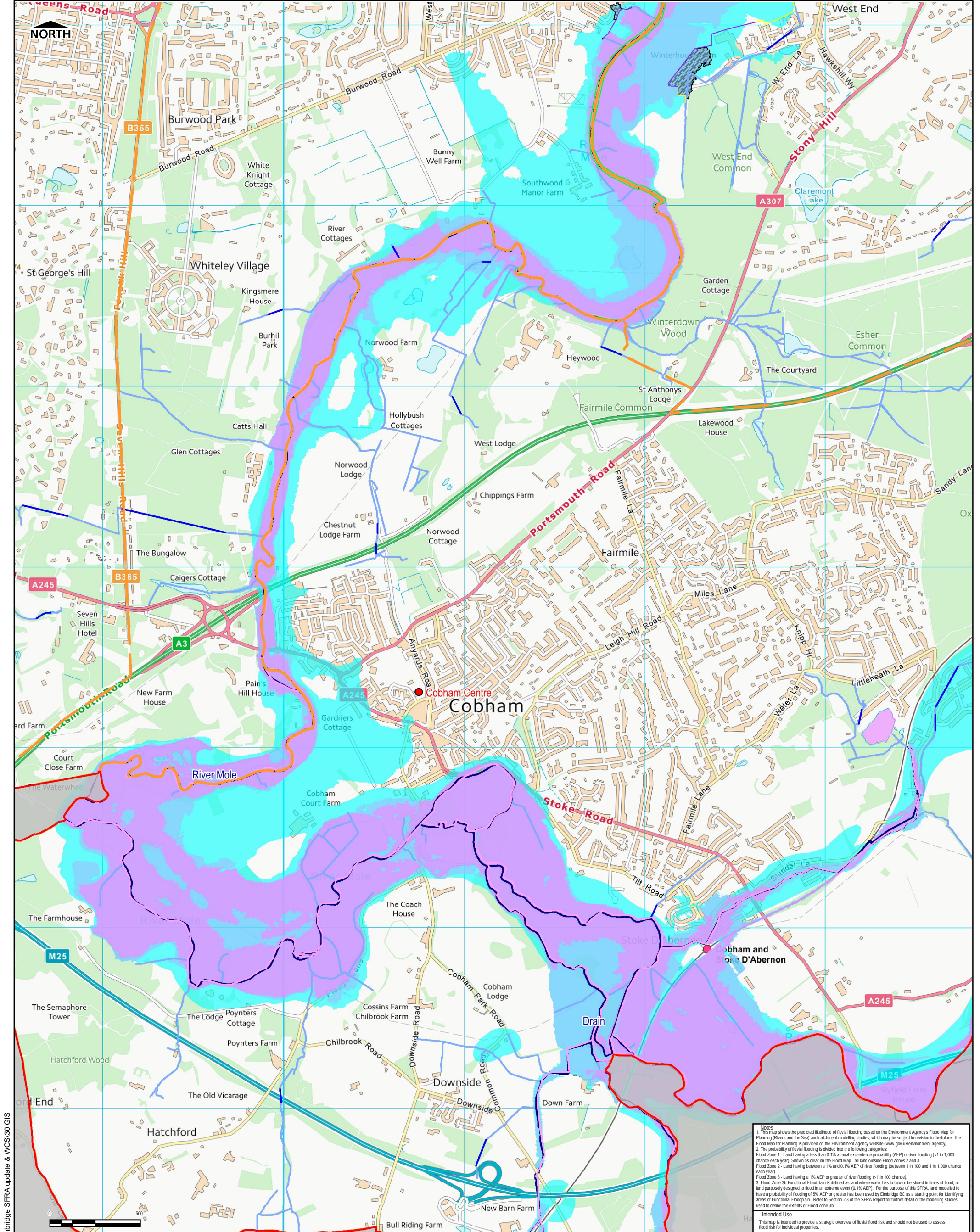
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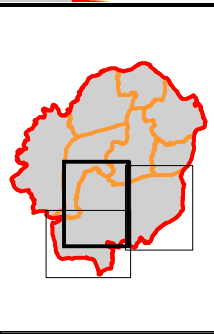
Notes

- This map shows the predicted likelihood of fluvial flooding based on the Environment Agency's Flood Map for Planning (Rivers and the Sea) and catchment modelling studies, which may be subject to revision in the future. The Flood Map for Planning is provided on the Environment Agency website (www.gov.uk/environment-agency).
- The probability of fluvial flooding is divided into the following categories:
 Flood Zone 1 - Land having a less than 0.1% annual exceedance probability (AEP) of river flooding (-1 in 1,000 chance each year). Shown as clear on the Flood Map - all land outside Flood Zones 2 and 3.
 Flood Zone 2 - Land having between a 1% and 0.1% AEP of river flooding (between 1 in 100 and 1 in 1,000 chance each year).
 Flood Zone 3 - Land having a 1% AEP or greater of river flooding (-1 in 100 chance).
 Flood Zone 3b Functional Floodplain is defined as land where water has to flow or be stored in times of flood, or land purposely designed to flood in an extreme event (0.1% AEP). For the purpose of this SFRA, land modelled to have a probability of flooding of 5% AEP or greater has been used by Elmbridge BC as a starting point for identifying areas of Functional Floodplain. Refer to Section 2.3 of the SFRA Report for further detail of the modelling studies used to define the extents of Flood Zone 3b.

Intended Use
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LEGEND	
	Borough Boundary
	LPAS
	Settlement Areas
Watercourses	
	Main River
	Ordinary Watercourse - Culverted
	Ordinary Watercourses - Surface
	Elmbridge Primary Rest Centres
Environment Agency Flood Zones	
	Flood Zone 2
	Flood Zone 3
	Modelled Flood Zone 3b
Environment Agency Flood Defences	
	Embankment
	High Ground
	Wall
Third Party Maintained Flood Defences	
	Embankment
	High Ground
	Wall
	Areas Benefiting from Defences



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Approved	SK	Date	Sept 2018

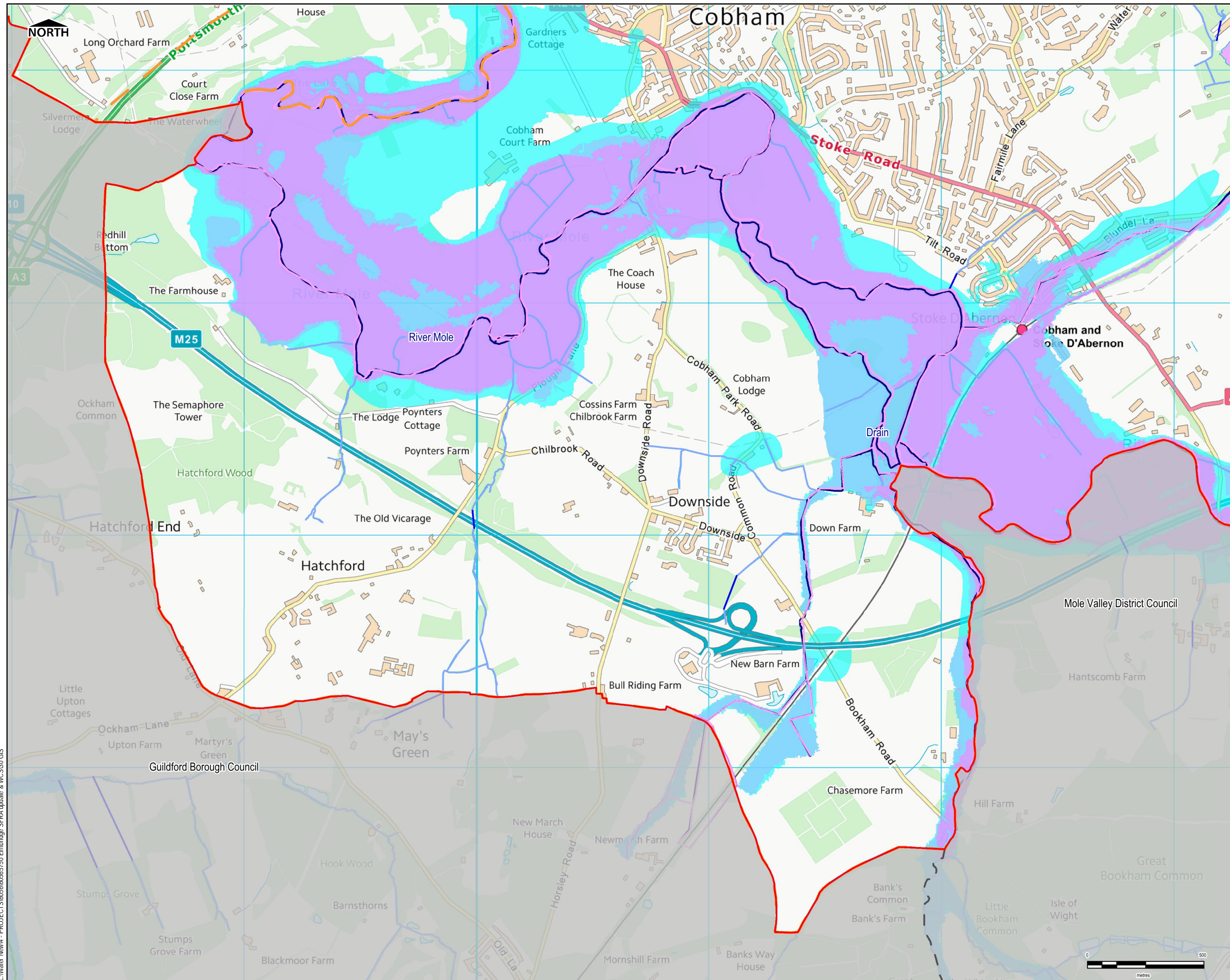
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Project Title
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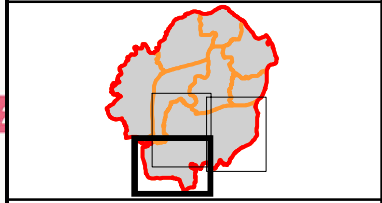
Drawing Title
Flood Risk from Rivers Cobham, Oxshott, Stoke D'Abernon & Downside (View 1)

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FIGURE C7	01



LEGEND

- Borough Boundary
- LPAS
- Settlement Areas
- Watercourses
 - Main River
 - Ordinary Watercourses- Culverted
 - Ordinary Watercourses- Surface
- Environment Agency Flood Zones
 - Flood Zone 2
 - Flood Zone 3
 - Modelled Flood Zone 3b
- Environment Agency Flood Defences
 - Embankment
 - High Ground
 - Wall
- Third Party Maintained Flood Defences
 - Embankment
 - High Ground
 - Wall
- Areas Benefitting from Flood Defences
- Elmbridge Primary Rest Centres



Notes

- This map shows the predicted likelihood of fluvial flooding based on the Environment Agency's Flood Map for Planning (Rivers and the Sea) and catchment modelling studies, which may be subject to revision in the future. The Flood Map for Planning is provided on the Environment Agency website (www.gov.uk/environment-agency).
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Intended Use
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Project Title
 Elmbridge Borough Council Level 1 Strategic Flood Risk Assessment

Drawing Title
 Flood Risk from Rivers Cobham (View 2)

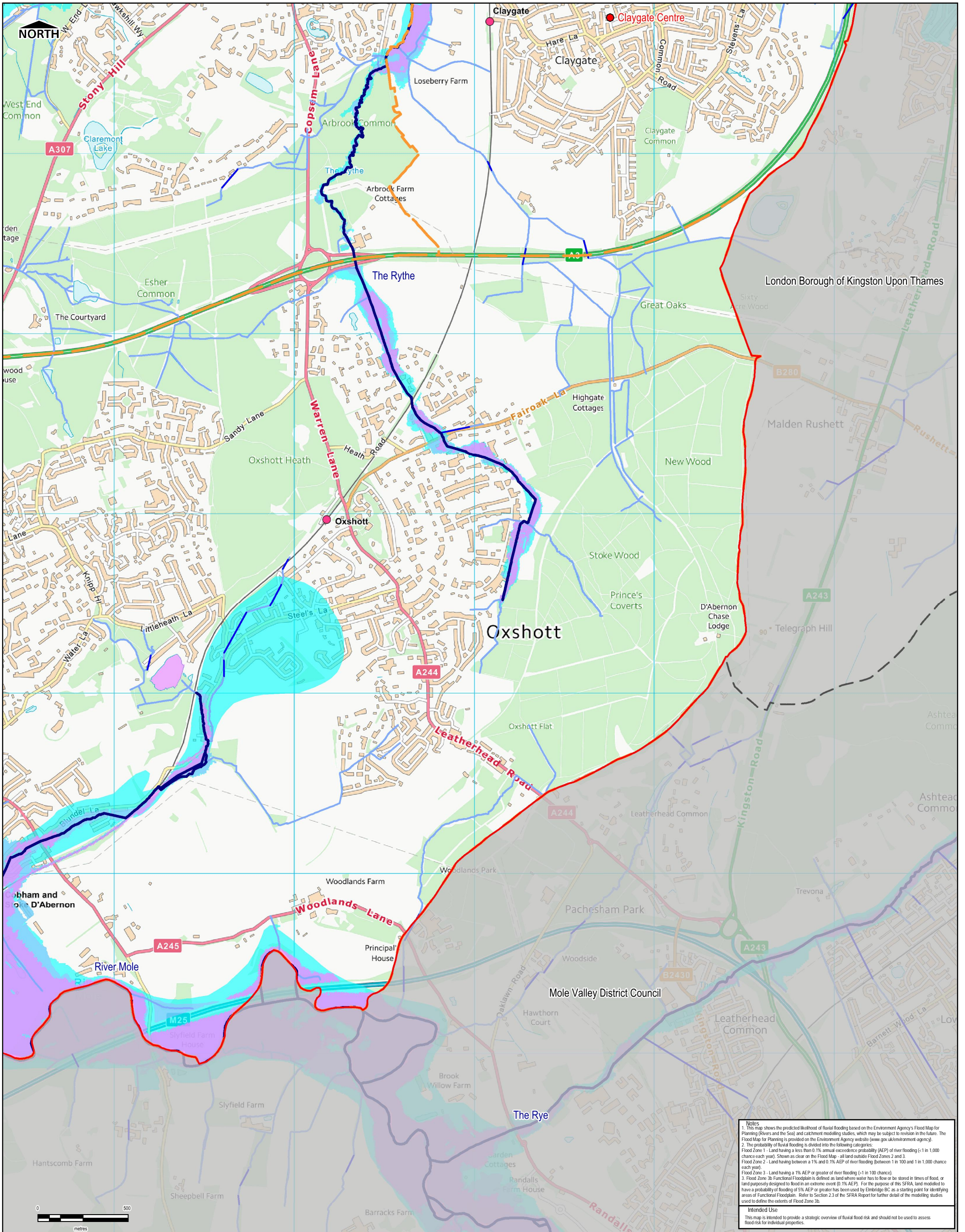
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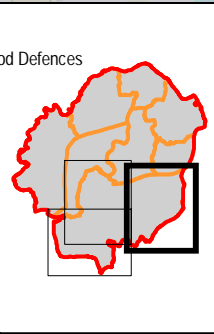


Notes

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LEGEND	
	Borough Boundary
	LPAS
	Settlement Areas
Watercourses	
	Main River
	Ordinary Watercourse- Culverted
	Ordinary Watercourses- Surface
	Elmbridge Primary Rest Centres
Environment Agency Flood Zone/Third Party Maintained Flood Defences	
	Flood Zone 2
	Flood Zone 3
	Modelled Flood Zone 3b
Environment Agency Flood Defences	
	Embankment
	High Ground
	Wall
	Areas Benefiting from Defences

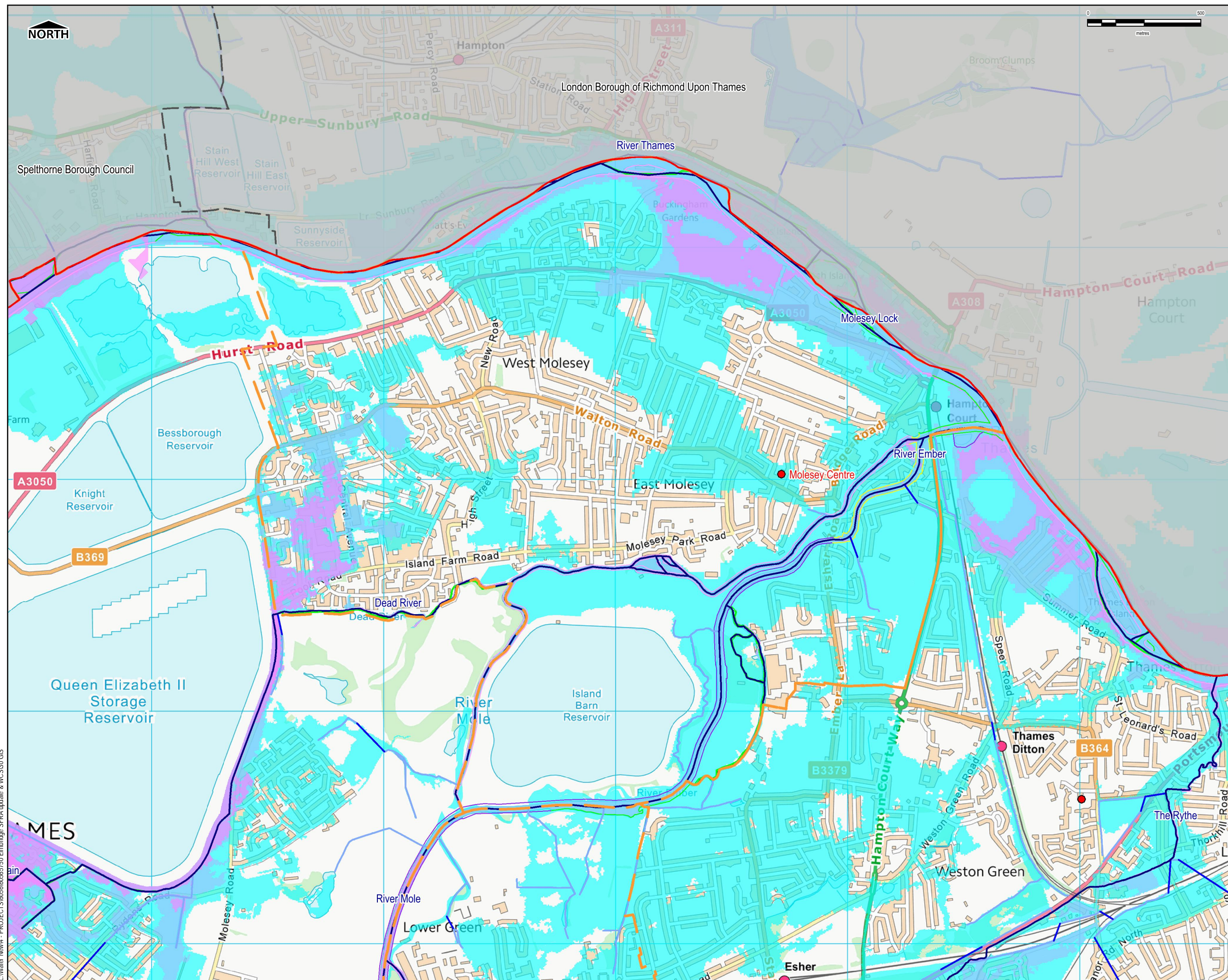


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Project Title	
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Drawing Title	
Flood Risk from Rivers Cobham, Oxshott, Stoke D'abernon & Downside (View 3)	

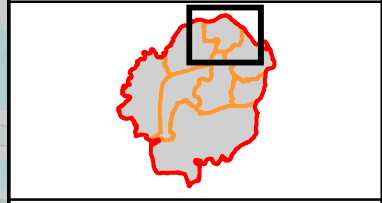
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LEGEND

- Borough Boundary
- LPAS
- Settlement Areas
- Watercourses
 - Main River
 - Ordinary Watercourses- Culverted
 - Ordinary Watercourses- Surface
- Environment Agency Flood Zones
 - Flood Zone 2
 - Flood Zone 3
 - Modelled Flood Zone 3b
- Environment Agency Flood Zones
 - Embankment
 - High Ground
 - Wall
- Third Party Maintained Flood Defences
 - Embankment
 - High Ground
 - Wall
- Areas Benefitting from Flood Defences
- Elmbridge Primary Rest Centres



Notes

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Project Title
 Elmbridge Borough Council Level 1 Strategic Flood Risk Assessment

Drawing Title
 Flood Risk from Rivers East and West Molesey

Drawn	Checked	Approved	Date
HB	SL	SK	September 2018

Internal Project No.
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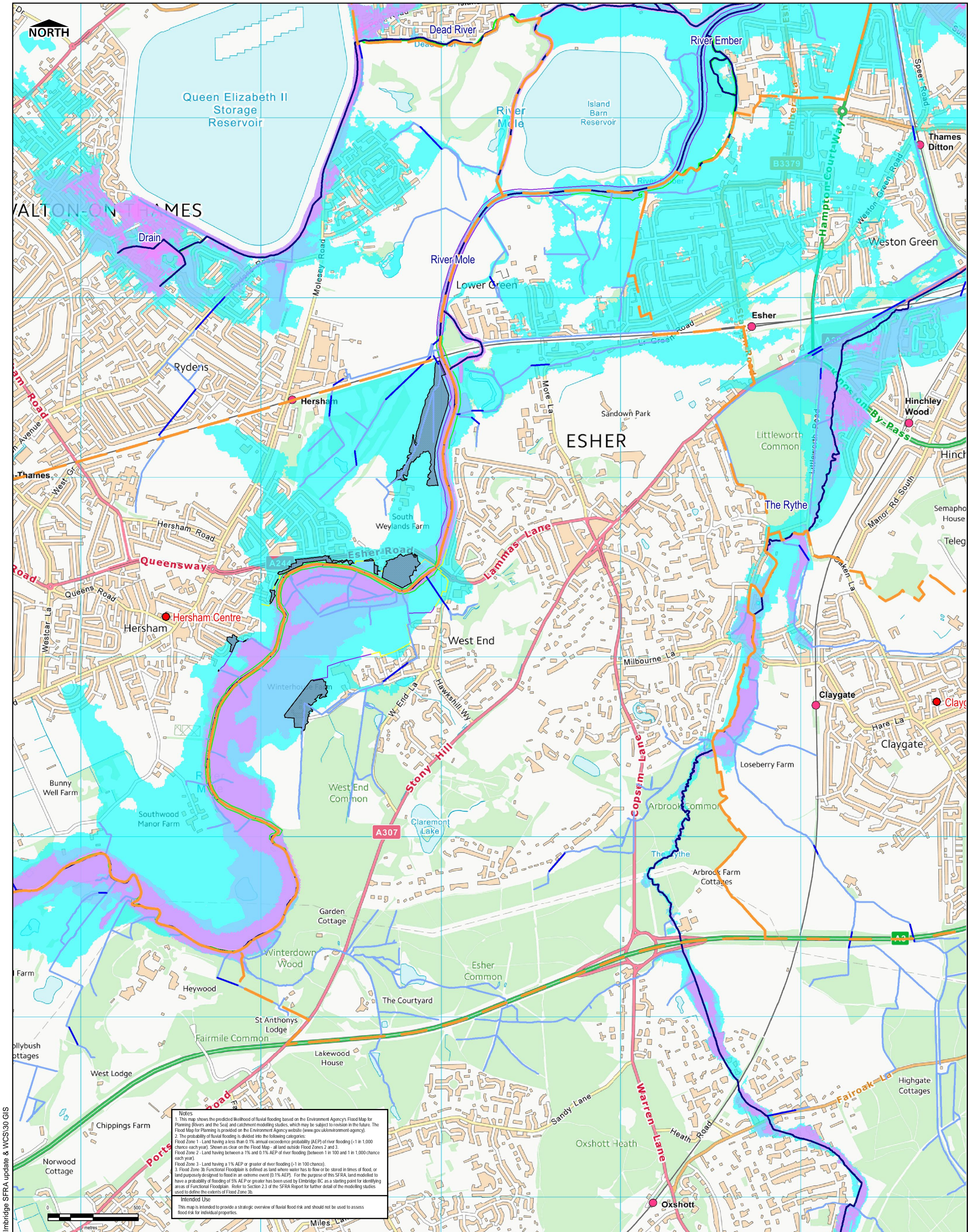
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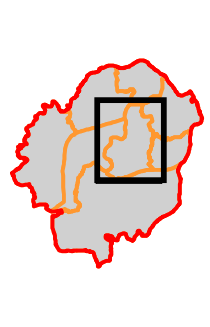
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Intended Use
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LEGEND	
	Borough Boundary
	LPAS
	Settlement Areas
Watercourses	
	Main River
	Ordinary Watercourse- Culverted
	Ordinary Watercourses- Surface
	Elmbridge Primary Rest Centres
Environment Agency Flood Zones	
	Flood Zone 2
	Flood Zone 3
	Modelled Flood Zone 3b
Environment Agency Flood Defences	
	Embankment
	High Ground
	Wall
Third Party Maintained Flood Defences	
	Embankment
	High Ground
	Wall
	Areas Benefiting from Defences



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Drawing Title	Flood Risk from Rivers
Esher	

Client

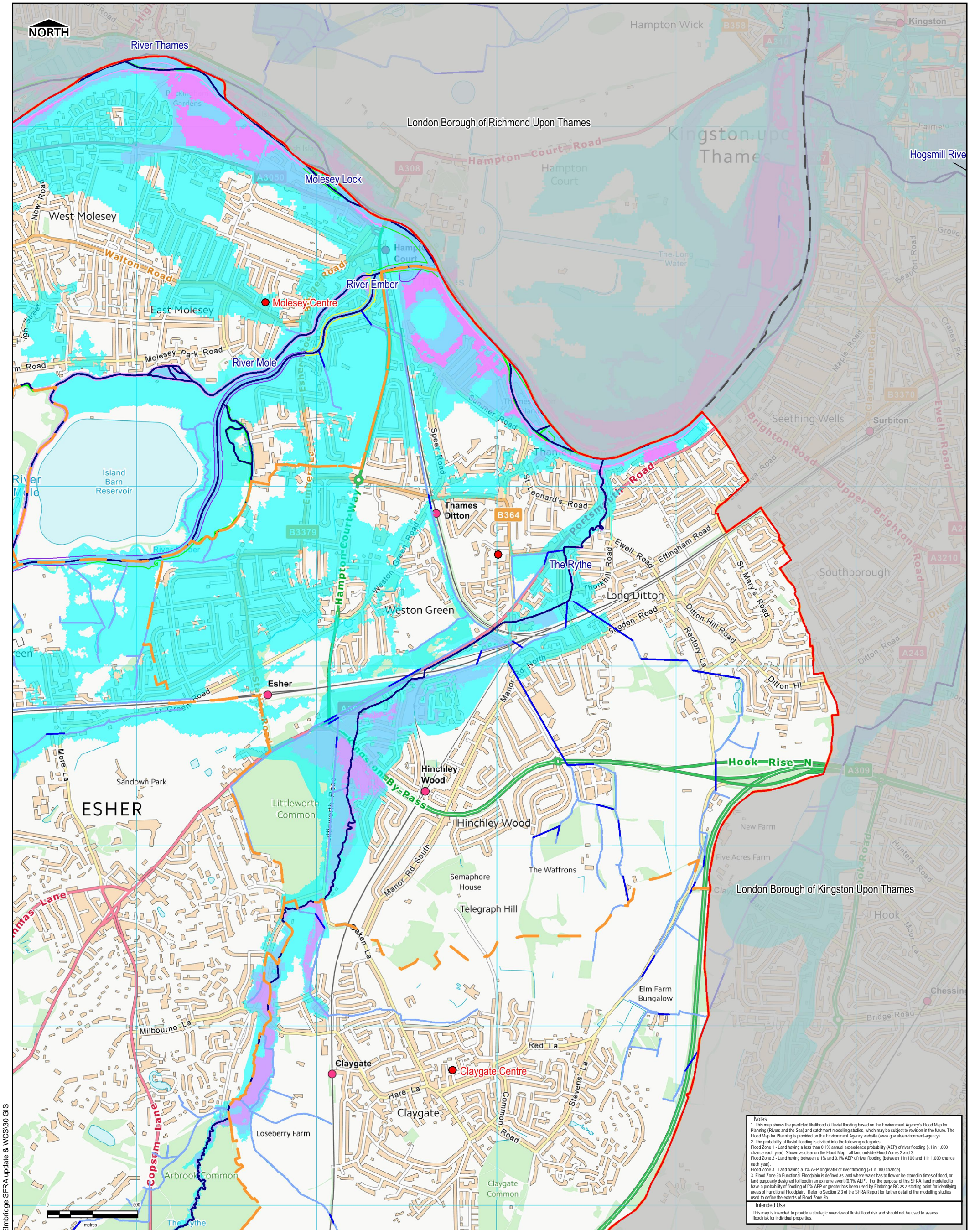
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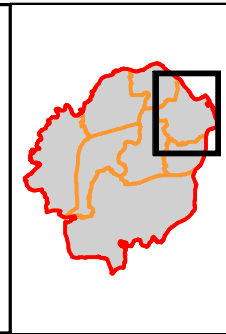
Notes

- This map shows the predicted likelihood of fluvial flooding based on the Environment Agency's Flood Map for Planning (Rivers and the Sea) and catchment modelling studies, which may be subject to revision in the future. The Flood Map for Planning is provided on the Environment Agency website (www.gov.uk/environment-agency).
- The probability of fluvial flooding is divided into the following categories:
 - Flood Zone 1 - Land having a less than 0.1% annual exceedance probability (AEP) of river flooding (<1 in 1,000 chance each year). Shown as clear on the Flood Map - all land outside Flood Zones 2 and 3.
 - Flood Zone 2 - Land having between a 1% and 0.1% AEP of river flooding (between 1 in 100 and 1 in 1,000 chance each year).
 - Flood Zone 3 - Land having a 1% AEP or greater of river flooding (<1 in 100 chance).
- Flood Zone 3b Functional Floodplain is defined as land where water has to flow or be stored in times of flood, or land purposely designed to flood in an extreme event (0.1% AEP). For the purpose of this SFRA, land modelled to have a probability of flooding of 5% AEP or greater has been used by Embridge BC as a starting point for identifying areas of Functional Floodplain. Refer to Section 2.3 of the SFRA Report for further detail of the modelling studies used to define the extents of Flood Zone 3b.

Intended Use
This map is intended to provide a strategic overview of fluvial flood risk and should not be used to assess flood risk for individual properties.

L:\Water New4 - PROJECTS\60560565750 Elbridge SFRA update & WCS\30 GIS

LEGEND	
	Borough Boundary
	LPAS
	Settlement Areas
	Watercourses
	Main River
	Ordinary Watercourse- Culverted
	Ordinary Watercourses- Surface
	Elbridge Primary Rest Centres
Environment Agency Flood Zones	
	Flood Zone 2
	Flood Zone 3
	Modelled Flood Zone 3b
Environment Agency Flood Defences	
	Embankment
	High Ground
	Wall
Third Party Maintained Flood Defences	
	Embankment
	High Ground
	Wall
	Areas Benefiting from Defences



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By	Check
CHK	Date
Suffix	

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Project Title
Elbridge Borough Council Level 1 Strategic Flood Risk Assessment

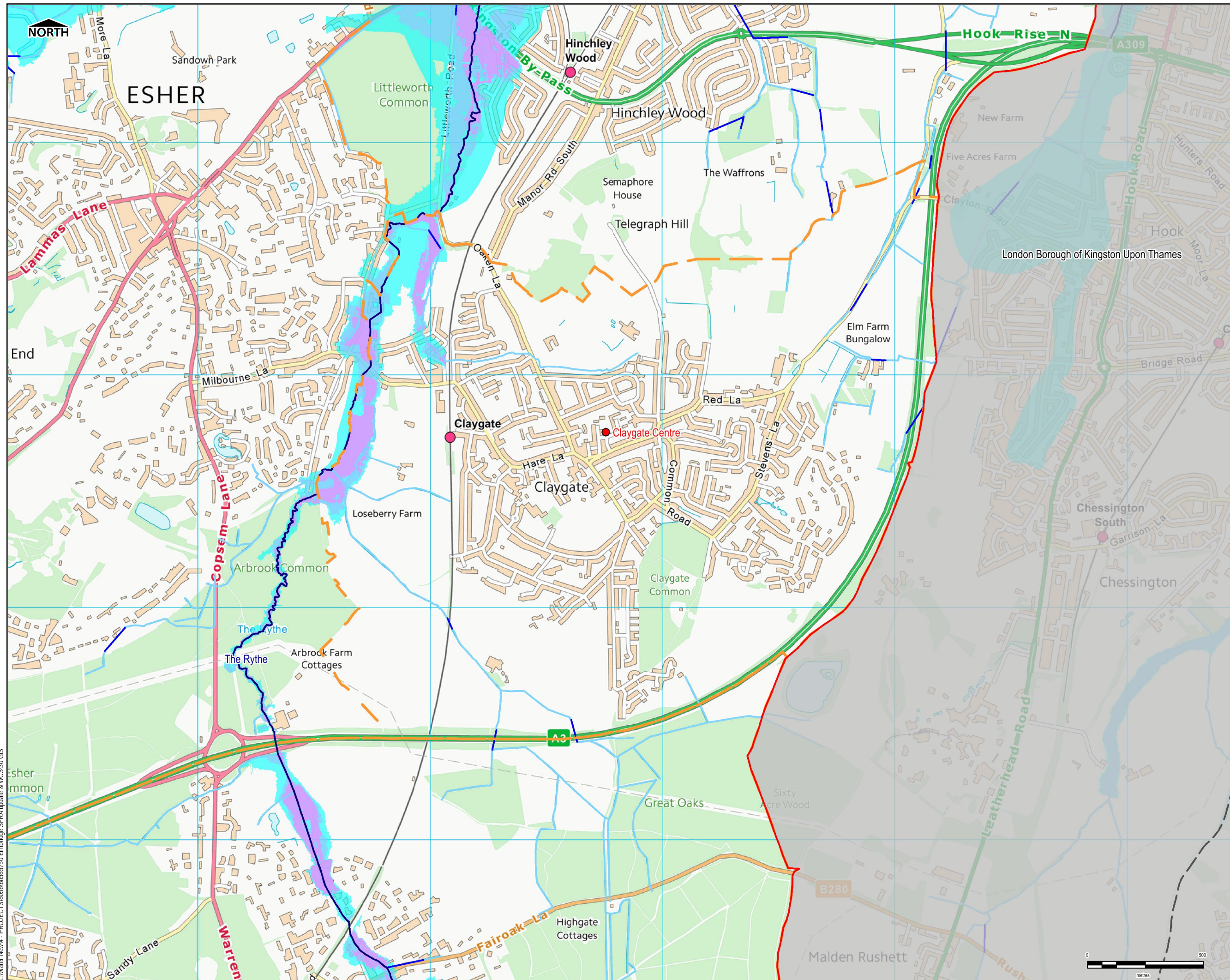
Drawing Title
Flood Risk from Rivers Thames Ditton

Client

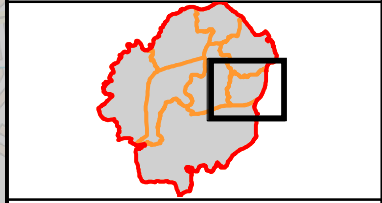
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FIGURE C12

Rev
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- Borough Boundary
- LPAS
- Settlement Areas
- Watercourses**
- Main River
- Ordinary Watercourse- Culverted
- Ordinary Watercourses- Surface
- Environment Agency Flood Zones**
- Flood Zone 2
- Flood Zone 3
- Modelled Flood Zone 3b
- Environment Agency Flood Defences**
- Embankment
- High Ground
- Wall
- Third Party Maintained Flood Defences**
- Embankment
- High Ground
- Wall
- Areas Benefitting from Defences
- + Elbridge Primary Rest Centres



Notes

1. This map shows the predicted likelihood of fluvial flooding based on the Environment Agency's Flood Map for Planning (Rivers and the Sea) and catchment modelling studies, which may be subject to revision in the future. The Flood Map for Planning is provided on the Environment Agency website (www.gov.uk/environment-agency).
2. The probability of fluvial flooding is divided into the following categories:
 Flood Zone 1 - Land having a less than 0.1% annual exceedance probability (AEP) of river flooding (-1 in 1,000 chance each year). Shown as clear on the Flood Map - all land outside Flood Zones 2 and 3.
 Flood Zone 2 - Land having between a 1% and 0.1% AEP of river flooding (-1 in 100 and 1 in 1,000 chance each year).
 Flood Zone 3 - Land having a 1% AEP or greater of river flooding (-1 in 100 chance).
 Flood Zone 3b Functional Floodplain is defined as land where water has to flow or be stored in times of flood, or land purposely designed to flood in an extreme event (0.1% AEP). For the purpose of this SFRA, land modelled to have a probability of flooding of 5% AEP or greater has been used by Elbridge BC as a starting point for identifying areas of Functional Floodplain. Refer to Section 2.3 of the SFRA Report for further detail of the modelling studies used to define the extents of Flood Zone 3b.

Intended Use
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Project Title
 Elbridge Borough Council Level 1 Strategic Flood Risk Assessment

Drawing Title
 Flood Risk from Rivers Claygate

Drawn HB	Checked SL	Approved SK	Date September 2018
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Internal Project No.
 60565750

Scale at A3
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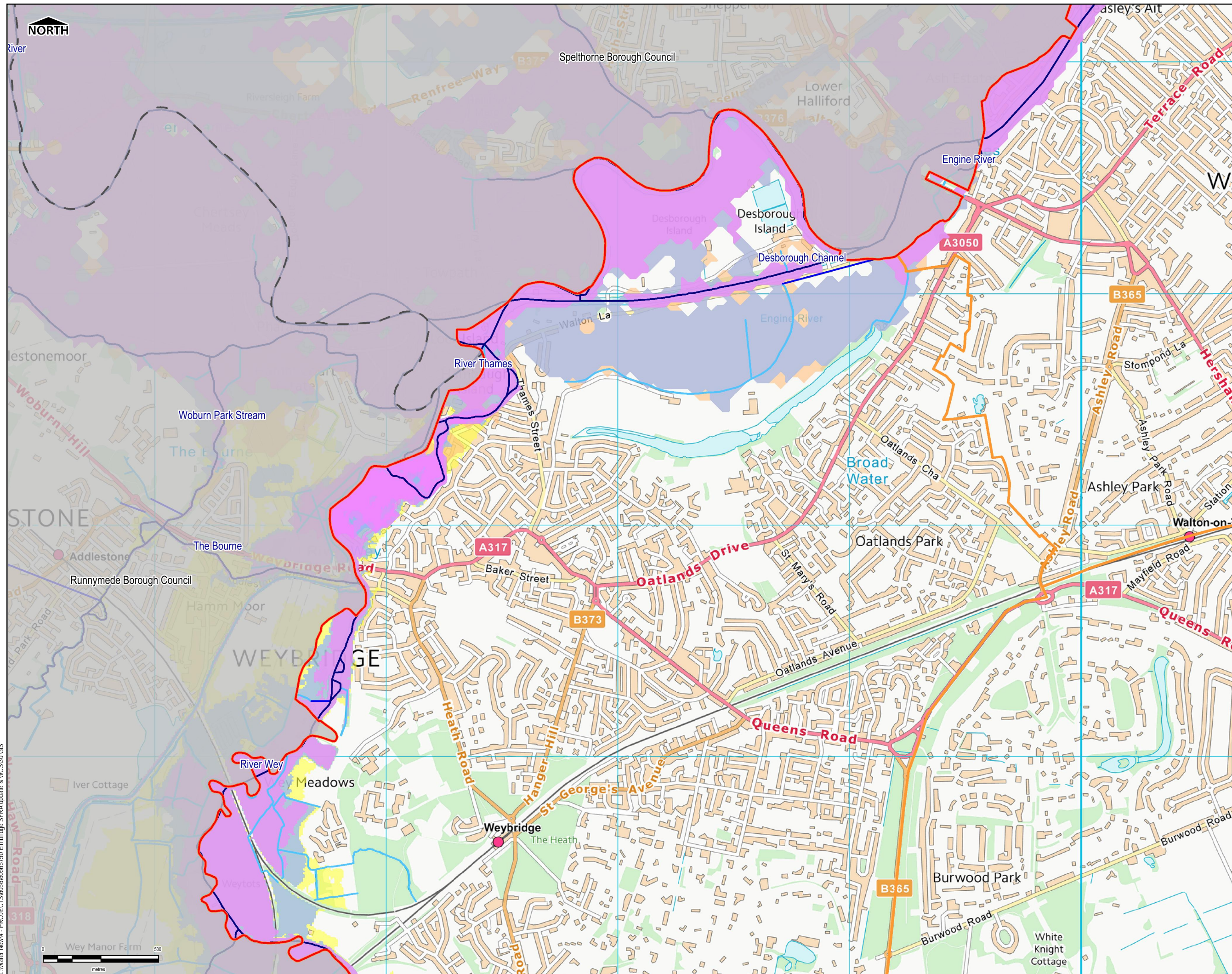
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LEGEND

- Borough Boundary
- LPAS
- Settlement Areas

Watercourses

- Main River
- Ordinary Watercourses- Culverted
- Ordinary Watercourses- Surface

Modelled Flood Outlines

- Modelled 1 in 100 year (1 percent AEP)
- Modelled 1 in 20 year (5 percent AEP)

Climate Change modelled Outlines

- Climate Change-70 percent
- Climate Change- 20 percent

Notes

- This map shows the predicted likelihood of fluvial flooding based on flood modelling studies (which may be subject to revision in the future). Please refer to Section 2.3 of the SFRA Report for further detail of the modelling studies used to define the extents of flooding.
- The probability of fluvial flooding is divided into the following categories:
 - Land having a 0.1% annual exceedance probability (AEP) of river flooding (1 in 1,000 chance each year).
 - Land having a 1% AEP of river flooding (between 1 in 100 chance each year).
 - Land having a 5% AEP of river flooding (1 in 20 chance).
- The modelling of the River Wey defines the extent of flooding including allowances for climate change during the 1% (1 in 100 year) plus 70% (Upper 2080).
- The modelling of the River Thames defines the extent of flooding including allowances for climate change during the 1% (1 in 100 year) plus 20%.

Intended Use

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Purpose of Issue

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Client

Project Title

Elmbridge Borough Council Level 1 Strategic Flood Risk Assessment

Drawing Title

Modelled Flood Outlines Weybridge (View 1)

Drawn	Checked	Approved	Date
HB	SL	SK	September 2018

Internal Project No. 60565750 **Scale at A3** 1:15,000

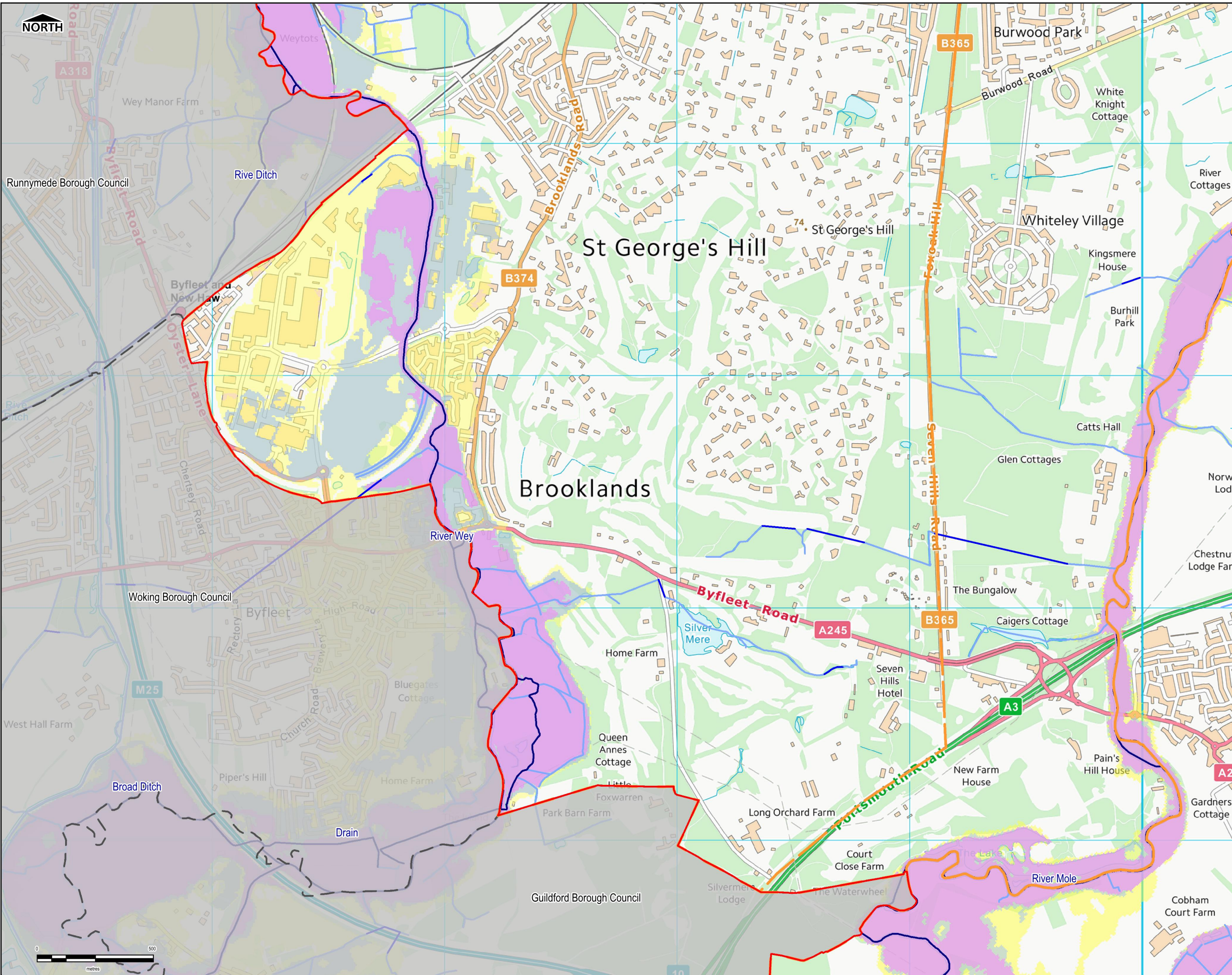
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LEGEND

- Borough Boundary
- LPAS
- Settlement Areas
- Watercourses
 - Main River
 - Ordinary Watercourses- Culverted
 - Ordinary Watercourses- Surface
- Modelled Flood Outlines
 - Modelled 1 in 100 year (1 percent AEP)
 - Modelled 1 in 20 year (5 percent AEP)
- Climate Change Modelled Outlines
 - Climate Change 70 percent

Notes

- This map shows the predicted likelihood of fluvial flooding based on flood modelling studies (which may be subject to revision in the future). Please refer to Section 2.3 of the SFRA Report for further detail of the modelling studies used to define the extents of flooding.
- The probability of fluvial flooding is divided into the following categories:
 - Land having a 0.1% annual exceedance probability (AEP) of river flooding (1 in 1,000 chance each year).
 - Land having a 1% AEP of river flooding (between 1 in 100 chance each year).
 - Land having a 5% AEP of river flooding (1 in 20 chance).
- The modelling of the River Wey and River Mole defines the extent of flooding including allowances for climate change during the 1% (1 in 100 year) plus 70% (Upper 2080)

Intended Use
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Purpose of Issue
FINAL

Client
 Elmbridge Borough Council

Project Title
Elmbridge Borough Council Level 1 Strategic Flood Risk Assessment

Drawing Title
Modelled Flood Outlines Weybridge (View 2)

Drawn	Checked	Approved	Date
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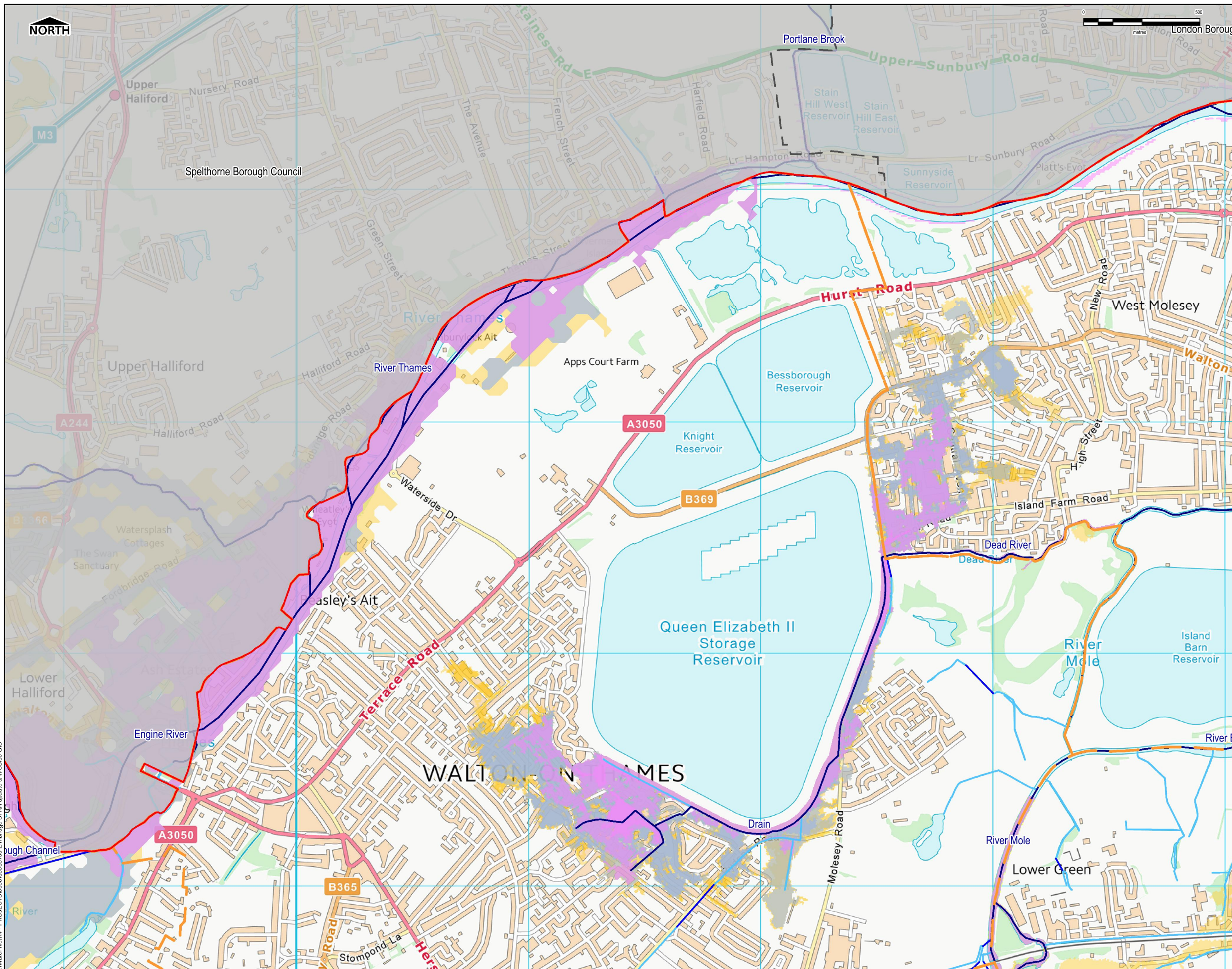
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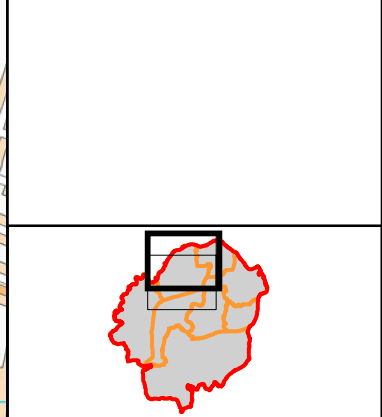
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NORTH

- LEGEND**
- Borough Boundary
 - LPAS
 - Settlement Areas
- Watercourses**
- Main River
 - Ordinary Watercourses- Culverted
 - Ordinary Watercourses- Surface
- Modelled Flood Outlines**
- Modelled 1 in 100 year (1 percent AEP)
 - Modelled 1 in 20 year (5 percent AEP)
- Climate Change Modelled Outlines**
- Climate Change 70 percent
 - Climate Change 20 percent



Notes

1. This map shows the predicted likelihood of fluvial flooding based on flood modelling studies (which may be subject to revision in the future). Please refer to Section 2.3 of the SFRA Report for further detail of the modelling studies used to define the extents of flooding.
2. The probability of fluvial flooding is divided into the following categories:
Land having a 0.1% annual exceedance probability (AEP) of river flooding (1 in 1,000 chance each year).
Land having a 1% AEP of river flooding (between 1 in 100 chance each year).
Land having a 5% AEP of river flooding (1 in 20 chance).
3. The modelling of the Middle Mole defines the extent of flooding including allowances for climate change during the 1% (1 in 100 year) plus 70% (Upper 2080).
4. The modelling of the River Thames, Dead River and Lower Mole defines the extent of flooding including allowances for climate change during the 1% (1 in 100 year) plus 20%

Intended Use
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Project Title
Elmbridge Borough Council Level 1 Strategic Flood Risk Assessment

Drawing Title
Modelled Flood Outlines Walton on Thames (View 1)

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Internal Project No. 60565750		Scale at A3 1:15,000	

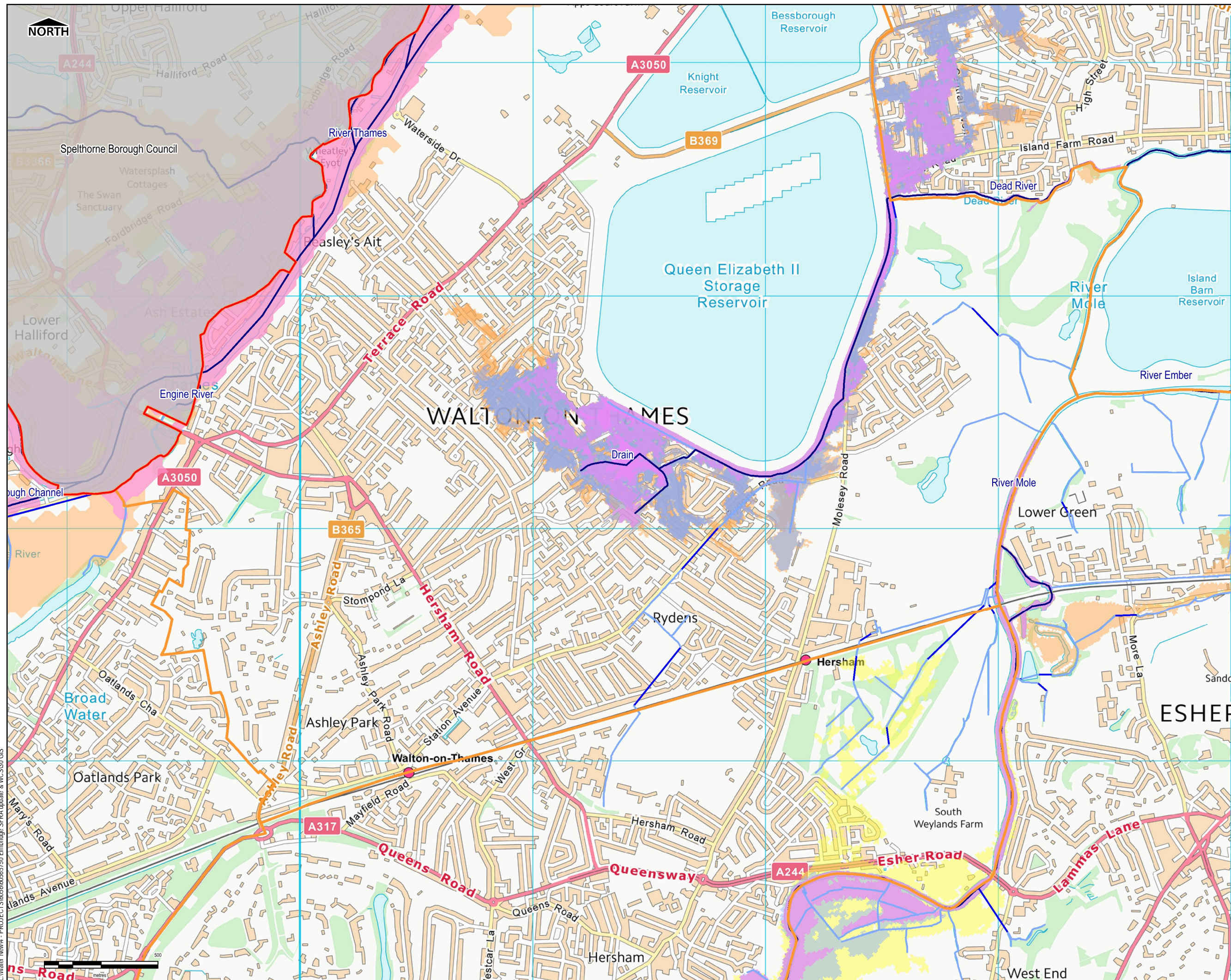
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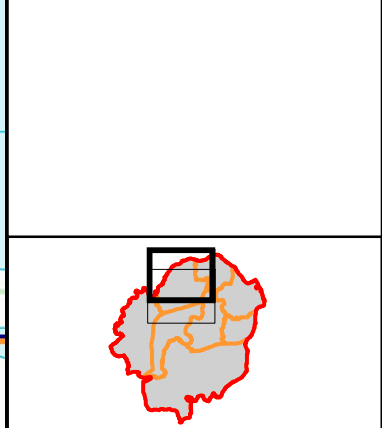
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01

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- LEGEND**
- Borough Boundary
 - LPAS
 - Settlement Areas
- Watercourses**
- Main Rivers
 - Ordinary Watercourses- Culverted
 - Ordinary Watercourses- Surface
- Modelled Flood Outlines**
- Modelled 1 in 100 year (1 percent AEP)
 - Modelled 1 in 20 year (5 percent AEP)
- Climate Change Modelled Outlines**
- Climate Change 70 percent
 - Climate Change 20 percent



Notes

1. This map shows the predicted likelihood of fluvial flooding based on flood modelling studies (which may be subject to revision in the future). Please refer to Section 2.3 of the SFRA Report for further detail of the modelling studies used to define the extents of flooding.
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4. The modelling of the River Thames, Dead River and Lower Mole defines the extent of flooding including allowances for climate change during the 1% (1 in 100 year) plus 20%

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Project Title
 Elmbridge Borough Council Level 1 Strategic Flood Risk Assessment

Drawing Title
 Modelled Flood Outlines Walton on Thames (View 2)

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Internal Project No.
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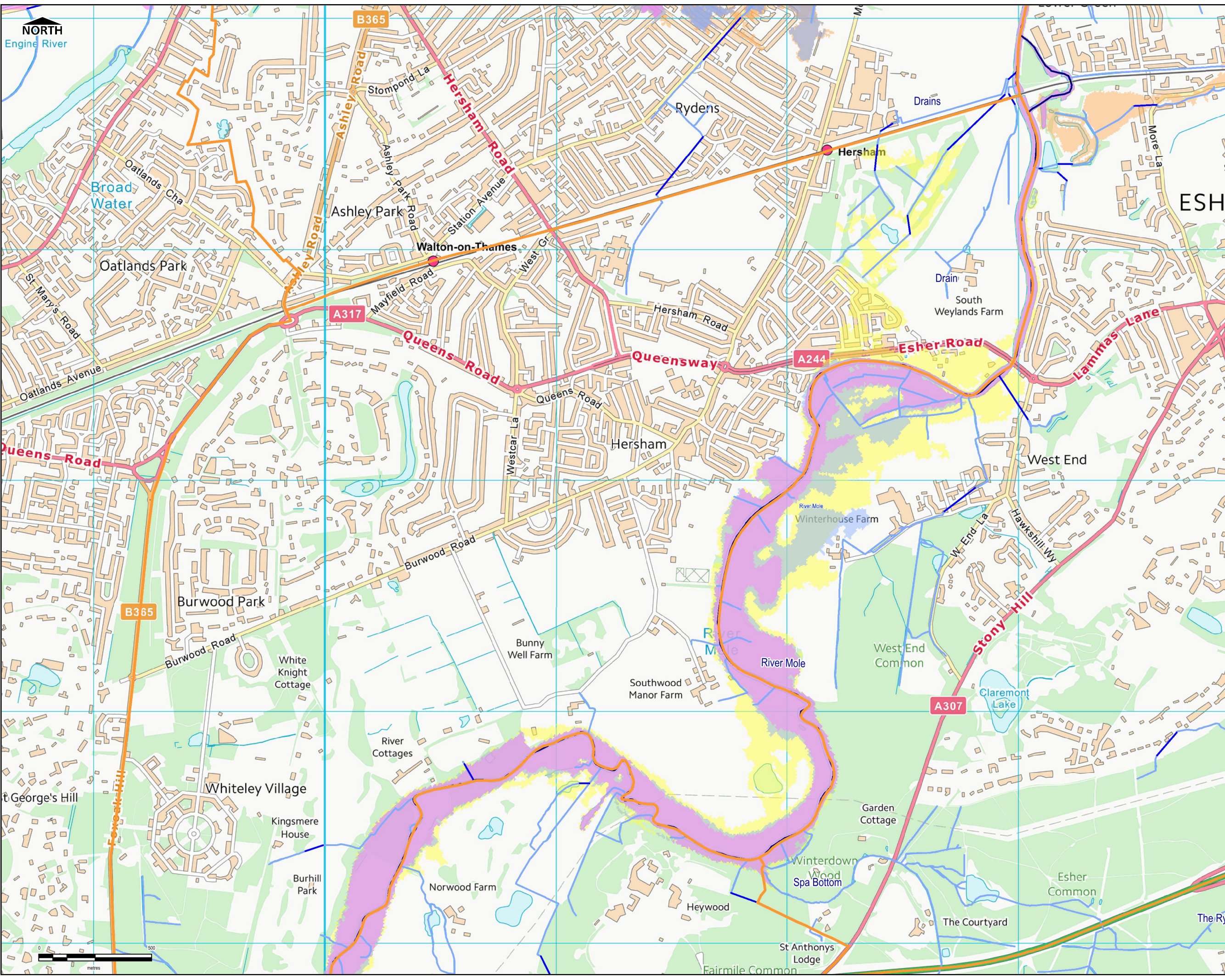
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LEGEND

- Borough Boundary
- LPAS
- Settlement Areas

Watercourses

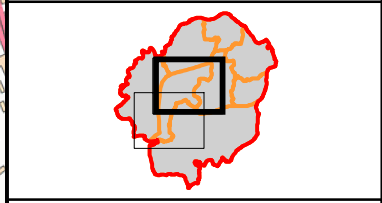
- Main River
- Ordinary Watercourses- Culverted
- Ordinary Watercourses- Surface

Modelled Flood Outlines

- Modelled 1 in 100 year (1 percent AEP)
- Modelled 1 in 20 year (5 percent AEP)

Climate Change Modelled Outlines

- Climate Change- 70 percent
- Climate Change- 20 percent



Notes

- This map shows the predicted likelihood of fluvial flooding based on flood modelling studies (which may be subject to revision in the future). Please refer to Section 2.3 of the SFRA Report for further detail of the modelling studies used to define the extents of flooding.
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- The modelling of the Middle Mole defines the extent of flooding including allowances for climate change during the 1% (1 in 100 year) plus 70% (Upper 2080).
- The modelling of the Dead River and the Lower Mole defines the extent of flooding including allowances for climate change during the 1% (1 in 100 year) plus 20%.

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Client
 Elmbridge Borough Council

Project Title
 Elmbridge Borough Council Level 1 Strategic Flood Risk Assessment

Drawing Title
 Modelled Flood Outlines Hersham (View 1)

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Internal Project No.	Scale at A3
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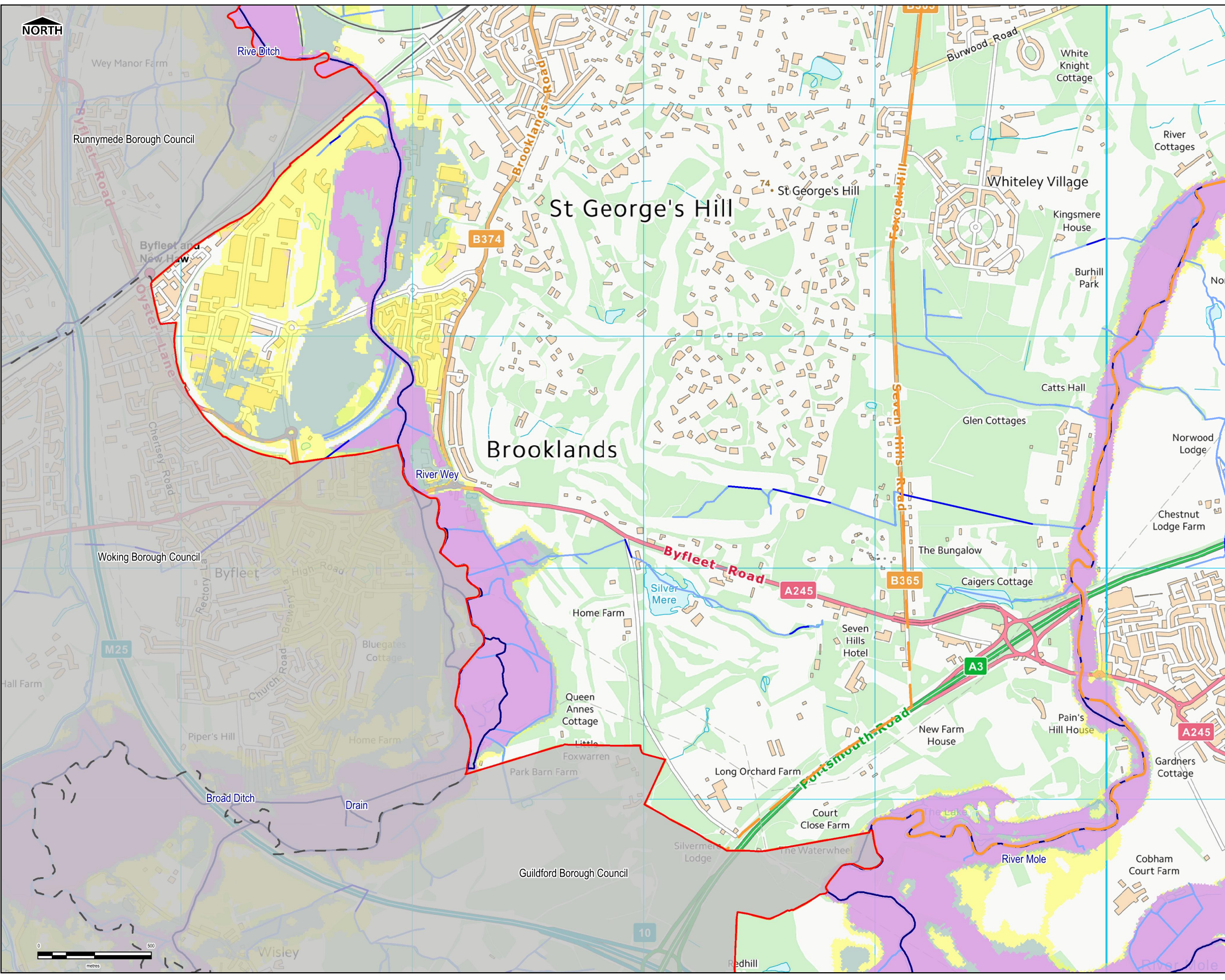
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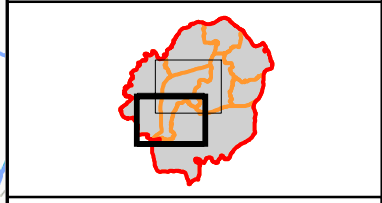
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LEGEND

- Borough Boundary
- LPAS
- Settlement Areas
- Watercourses
 - Main River
 - Ordinary Watercourses- Culverted
 - Ordinary Watercourses- Surface
- Modelled Flood Outlines
 - Modelled 1 in 100 year (1 percent AEP)
 - Modelled 1 in 20 year (5 percent AEP)
- Climate Change Modelled Outlines
 - Climate Change 70 percent



Notes

- This map shows the predicted likelihood of fluvial flooding based on flood modelling studies (which may be subject to revision in the future). Please refer to Section 2.3 of the SFRA Report for further detail of the modelling studies used to define the extents of flooding.
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 - Land having a 1% AEP of river flooding (between 1 in 100 chance each year).
 - Land having a 5% AEP of river flooding (1 in 20 chance).
- The modelling of the River Wey and River Mole defines the extent of flooding including allowances for climate change during the 1% (1 in 100 year) plus 70% (Upper 2080).

Intended Use
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Project Title
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Drawing Title
 Modelled Flood Outlines Hersham (View 2)

Drawn	Checked	Approved	Date
HB	SL	SK	September 2018

Internal Project No.	Scale at A3
60565750	1:15,000

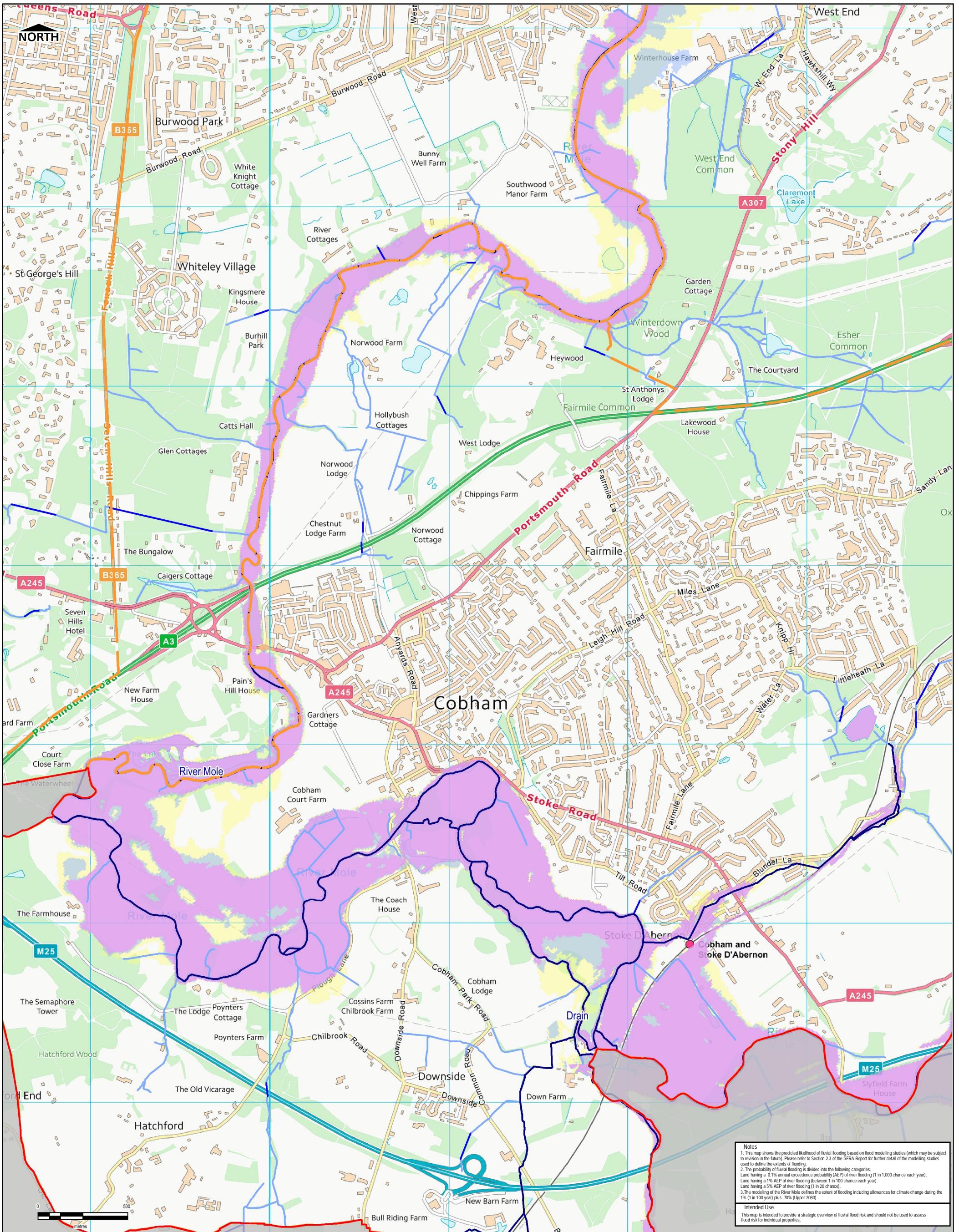
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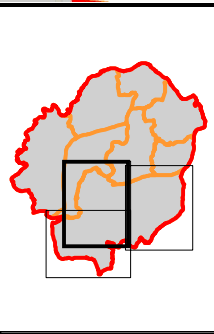


Notes

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 Land having a 1% AEP of river flooding (between 1 in 100 chance each year).
 Land having a 5% AEP of river flooding (0 in 20 chance).
- The modelling of the River Mole defines the extent of flooding including allowances for climate change during the 1% (1 in 100 year) plus 70% (Upper 2080).

Intended Use
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LEGEND	
	Borough Boundary
	LPAS
	Settlement Areas
Watercourses	
	Main River
	Ordinary Watercourse- Culverted
	Ordinary Watercourses- Surface
Modelled Flood Outlines	
	Modelled 1 in 100 year (1 percent AEP)
	Modelled 1 in 20 year (5 percent AEP)
Climate Change Modelled Outlines	
	Climate Change 70 percent



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By	Check
CHK	SK
Date	Date
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Project Title
Elbridge Borough Council Level 1 Strategic Flood Risk Assessment

Drawing Title
Modelled Flood Outlines Cobham, Oxshott, Stoke D'Abernon & Downside (View 1)

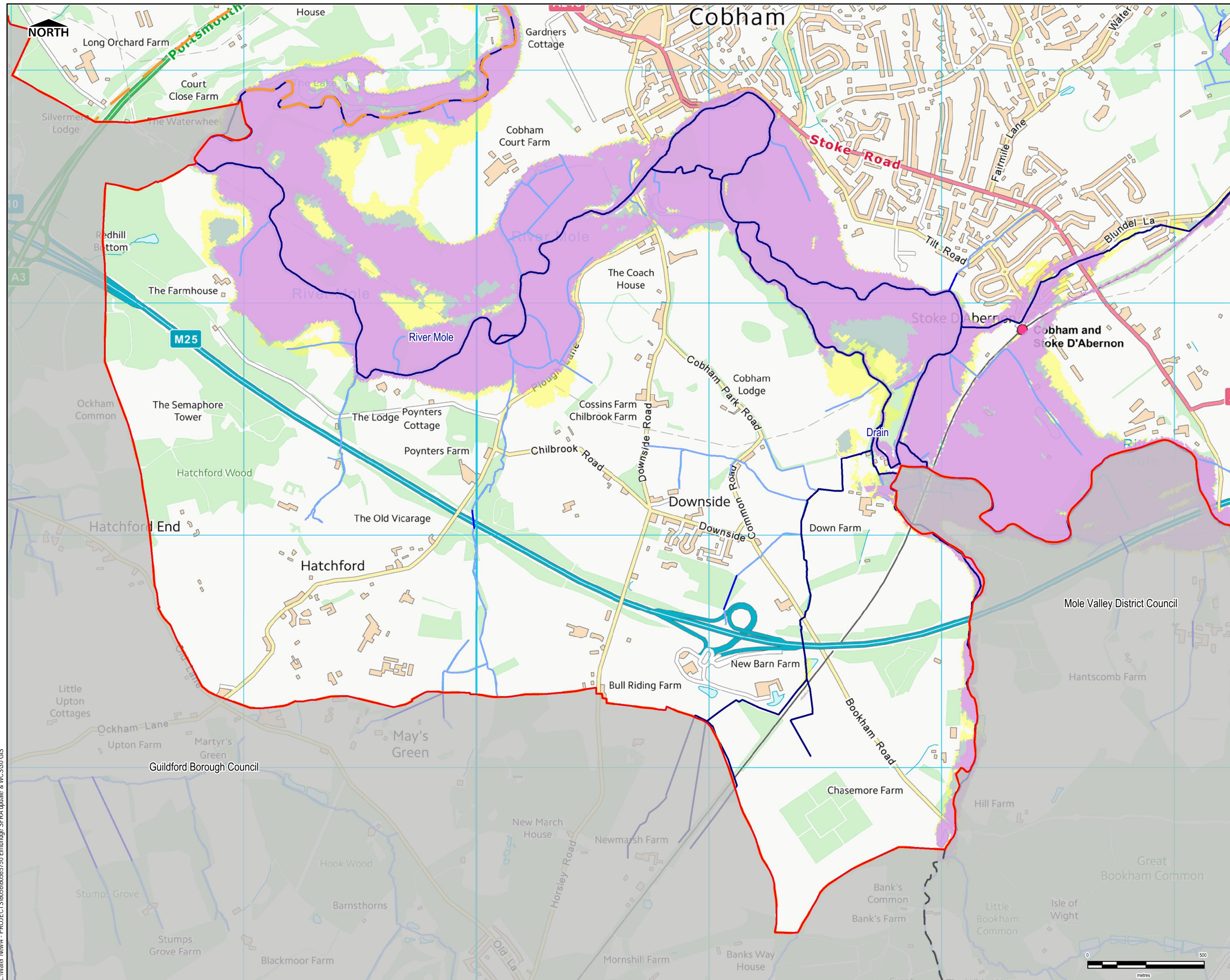
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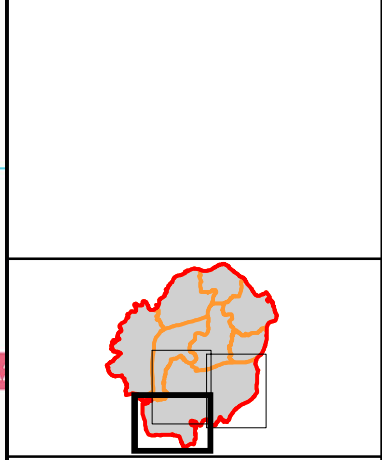
Drawing Number
FIGURE D7

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01



LEGEND

- Borough Boundary
- LPAS
- Settlement Areas
- Watercourses
 - Main River
 - Ordinary Watercourses- Culverted
 - Ordinary Watercourses- Surface
- Modelled Flood Outlines
 - Modelled 1 in 100 year (1 percent AEP)
 - Modelled 1 in 20 year (5 percent AEP)
- Climate Change Modelled Outlines
 - Climate Change 70 percent



Notes

- This map shows the predicted likelihood of fluvial flooding based on flood modelling studies (which may be subject to revision in the future). Please refer to Section 2.3 of the SFRA Report for further detail of the modelling studies used to define the extents of flooding.
- The probability of fluvial flooding is divided into the following categories:
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 - Land having a 1% AEP of river flooding (between 1 in 100 chance each year).
 - Land having a 5% AEP of river flooding (1 in 20 chance).
- The modelling of the River Mole defines the extent of flooding including allowances for climate change during the 1% (1 in 100 year) plus 70% (Upper 2080).

Intended Use
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Purpose of Issue
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Client
 Elbridge Borough Council

Project Title
 Elbridge Borough Council Level 1 Strategic Flood Risk Assessment

Drawing Title
 Modelled Flood Outlines Cobham (View 2)

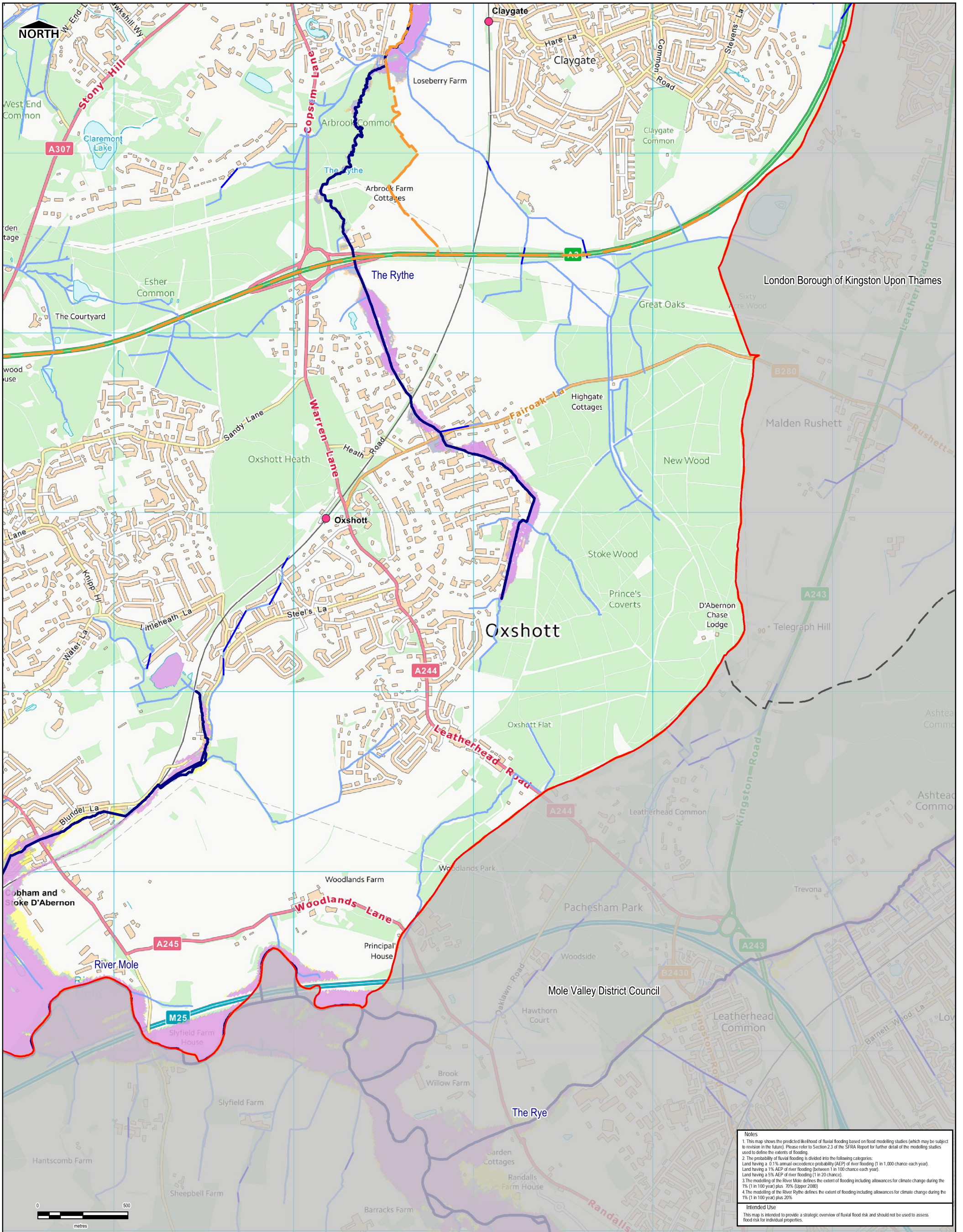
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Internal Project No. 60565750		Scale at A3 1:15,000	

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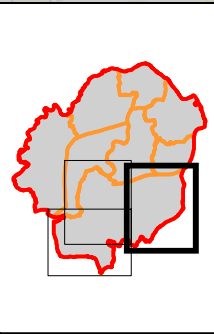


Notes

- This map shows the predicted likelihood of fluvial flooding based on flood modelling studies (which may be subject to revision in the future). Please refer to Section 2.3 of the SFRA Report for further detail of the modelling studies used to define the extents of flooding.
- The probability of fluvial flooding is divided into the following categories:
 Land having a 0.1% annual exceedance probability (AEP) of river flooding (1 in 1,000 chance each year).
 Land having a 1% AEP of river flooding (between 1 in 100 chance each year).
 Land having a 5% AEP of river flooding (1 in 20 chance).
- The modelling of the River Mole defines the extent of flooding including allowances for climate change during the 1% (1 in 100 year) plus 20% (upper 20th).
- The modelling of the River Rythe defines the extent of flooding including allowances for climate change during the 1% (1 in 100 year) plus 20%.

Intended Use
 This map is intended to provide a strategic overview of fluvial flood risk and should not be used to assess flood risk for individual properties.

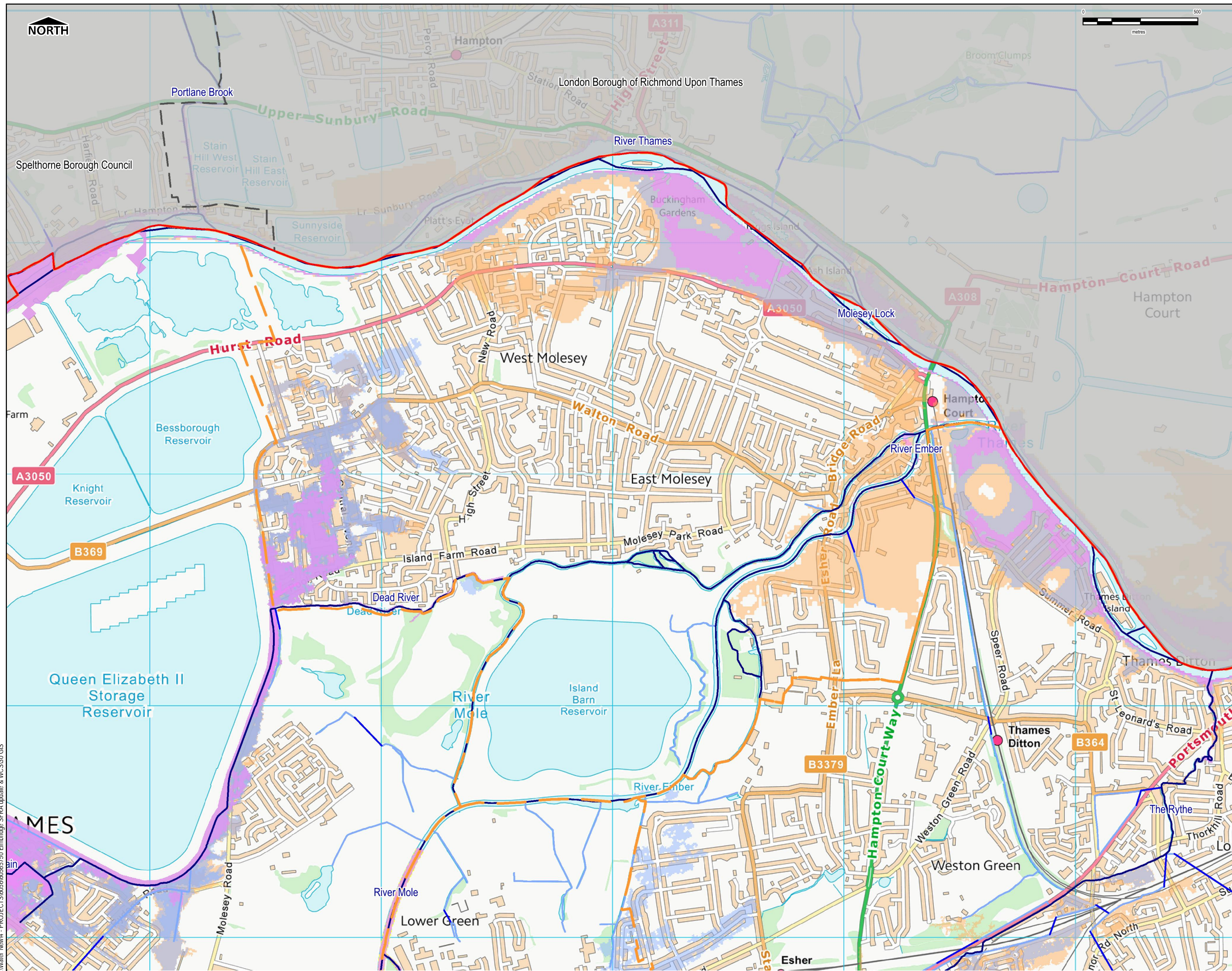
LEGEND	
	Borough Boundary
	LPAS
	Settlement Areas
	Main River
	Ordinary Watercourse- Culverted
	Ordinary Watercourses- Surface
Modelled Flood Outlines	
	Modelled 1 in 100 year (1 percent AEP)
	Modelled 1 in 20 year (5 percent AEP)
Climate Change Modelled Outlines	
	Climate Change 70 percent
	Climate Change 20 percent



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Project Title	
Elbridge Borough Council Level 1 Strategic Flood Risk Assessment	
Drawing Title	
Modelled Flood Outlines Cobham, Oxshott, Stoke D'abernon & Downside (View 3)	

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FIGURE D9	01



- LEGEND**
- Borough Boundary
 - LPAS
 - Settlement Areas
- Watercourses**
- Main River
 - Ordinary Watercourses- Culverted
 - Ordinary Watercourses- Surface
- Modelled Flood Outlines**
- Modelled 1 in 100 year (1 percent AEP)
 - Modelled 1 in 20 year (5 percent AEP)
- Climate Change Modelled Outlines**
- Climate Change 70 percent
 - Climate Change 20 percent



Notes

1. This map shows the predicted likelihood of fluvial flooding based on flood modelling studies (which may be subject to revision in the future). Please refer to Section 2.3 of the SFRA Report for further detail of the modelling studies used to define the extents of flooding.
2. The probability of fluvial flooding is divided into the following categories:
Land having a 0.1% annual exceedance probability (AEP) of river flooding (1 in 1,000 chance each year).
- Land having a 1% AEP of river flooding (between 1 in 100 chance each year).
- Land having a 5% AEP of river flooding (1 in 20 chance).
3. The modelling of the Middle Mole defines the extent of flooding including allowances for climate change during the 1% (1 in 100 year) plus 70% (Upper 2080).
4. The modelling of the River Rythe, River Thames, Lower Mole and Dead River defines the extent of flooding including allowances for climate change during the 1% (1 in 100 year) plus 20%.

Intended Use
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...bridging the communities...

Project Title
Elmbridge Borough Council Level 1 Strategic Flood Risk Assessment

Drawing Title
Modelled Flood Outlines East and West Molesey

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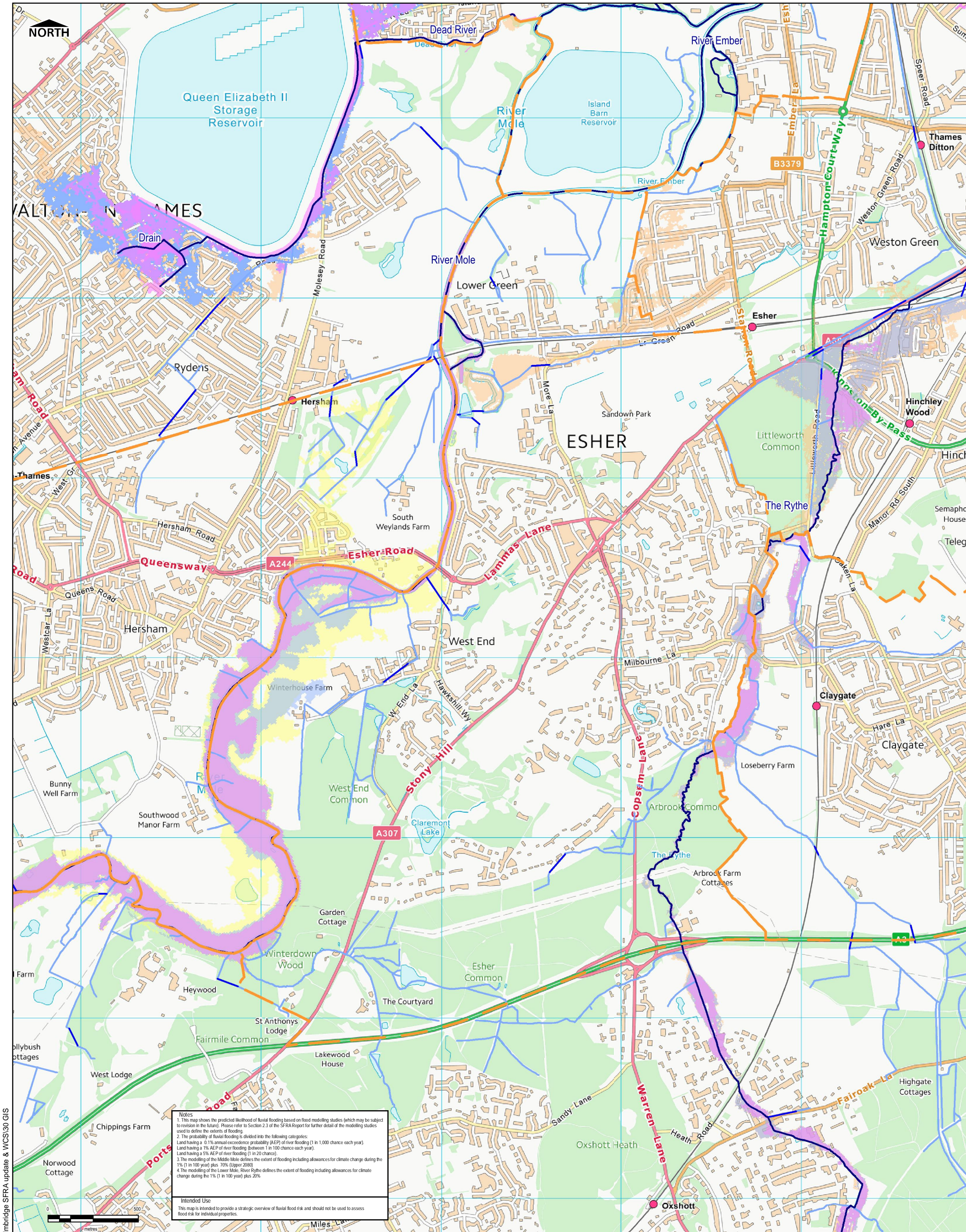
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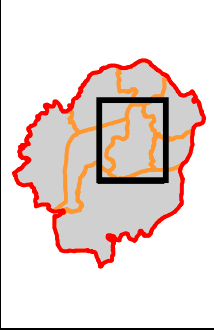
Notes

1. This map shows the predicted likelihood of fluvial flooding based on flood modelling studies (which may be subject to revision in the future). Please refer to Section 2.3 of the SFRA Report for further detail of the modelling studies used to define the extents of flooding.
2. The probability of fluvial flooding is divided into the following categories:
 Land having a 0.1% annual exceedance probability (AEP) of river flooding (1 in 1,000 chance each year).
 Land having a 5% AEP of river flooding (between 1 in 100 chance each year).
 Land having a 1% AEP of river flooding (1 in 20 chance).
3. The modelling of the Middle Mole defines the extent of flooding including allowances for climate change during the 1% (1 in 100 year) plus 70% (Upper 2000).
4. The modelling of the Lower Mole, River Rythe defines the extent of flooding including allowances for climate change during the 1% (1 in 100 year) plus 20%.

Intended Use
 This map is intended to provide a strategic overview of fluvial flood risk and should not be used to assess flood risk for individual properties.

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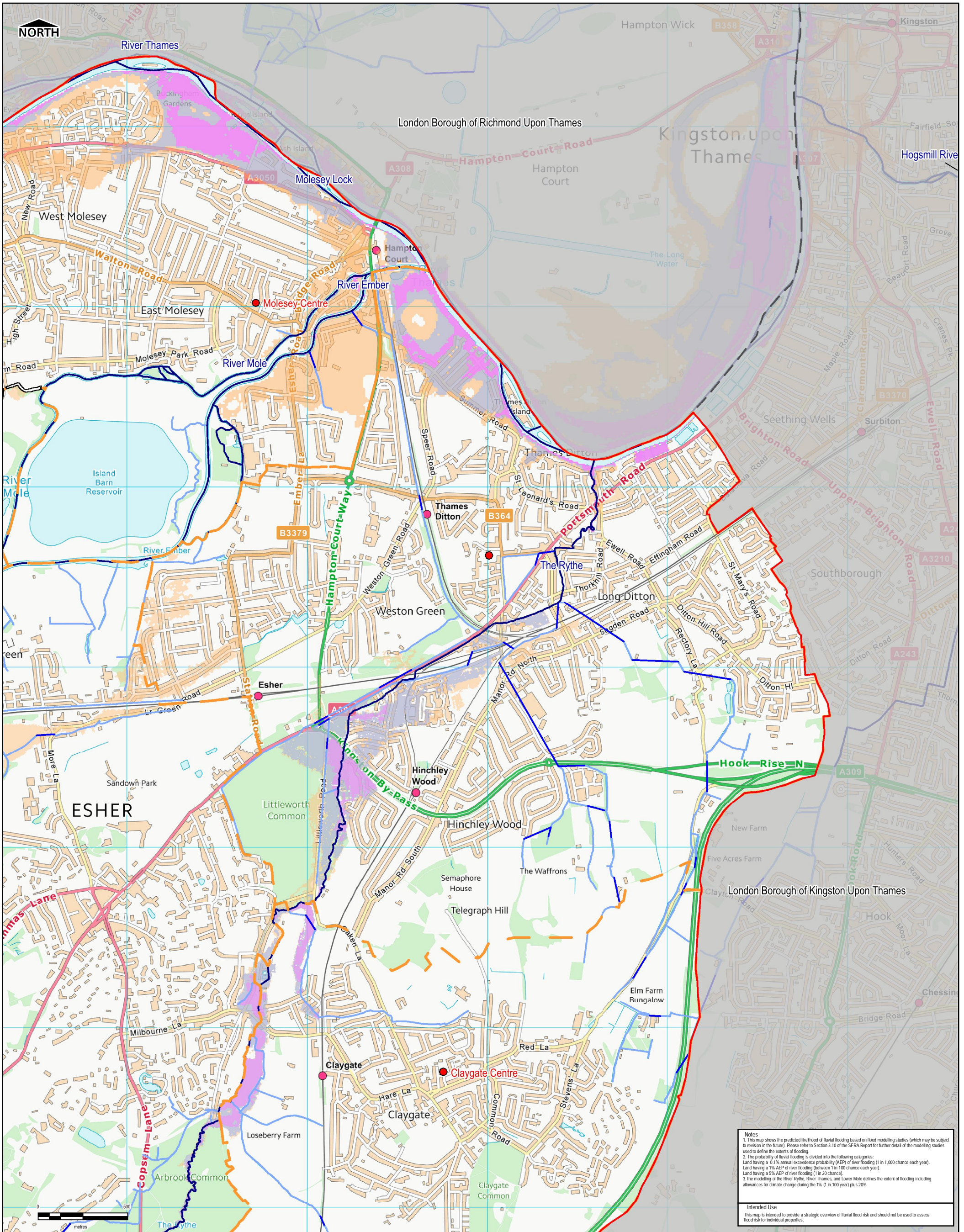
LEGEND	
	Borough Boundary
	LPAS
	Settlement Areas
Watercourses	
	Main River
	Ordinary Watercourse- Culverted
	Ordinary Watercourses- Surface
Modelled Flood Outlines	
	Modelled 1 in 100 year (1 percent AEP)
	Modelled 1 in 20 year (5 percent AEP)
Climate Change Modelled Outlines	
	Climate Change 70 percent
	Climate Change 20 percent



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Project Title	
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Drawing Title	
Modelled Flood Outlines	
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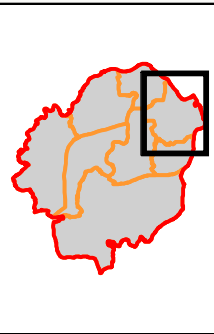


Notes

1. This map shows the predicted likelihood of fluvial flooding based on flood modelling studies (which may be subject to revision in the future). Please refer to Section 3.10 of the SFRA Report for further detail of the modelling studies used to define the extent of flooding.
2. The probability of fluvial flooding is divided into the following categories:
 Land having a 0.1% annual exceedance probability (AEP) of river flooding (1 in 1,000 chance each year).
 Land having a 1% AEP of river flooding (between 1 in 100 chance each year).
 Land having a 5% AEP of river flooding (1 in 20 chance).
3. The modelling of the River Rythe, River Thames, and River Mole defines the extent of flooding including allowances for climate change during the 1% (1 in 100 years) plus 20%.

Intended Use
 This map is intended to provide a strategic overview of fluvial flood risk and should not be used to assess flood risk for individual properties.

LEGEND	
	Borough Boundary
	LPAS
	Settlement Areas
	Main River
	Ordinary Watercourse- Culverted
	Ordinary Watercourses- Surface
	Elmbridge Primary Rest Centres
Modelled Flood Outlines	
	Modelled 1 in 100 year (1 percent AEP)
	Modelled 1 in 20 year (5 percent AEP)
Climate Change Modelled Outlines	
	Climate Change 20 percent



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Project Title
Elmbridge Borough Council Level 1 Strategic Flood Risk Assessment

Drawing Title
Modelled Flood Outlines Thames Ditton

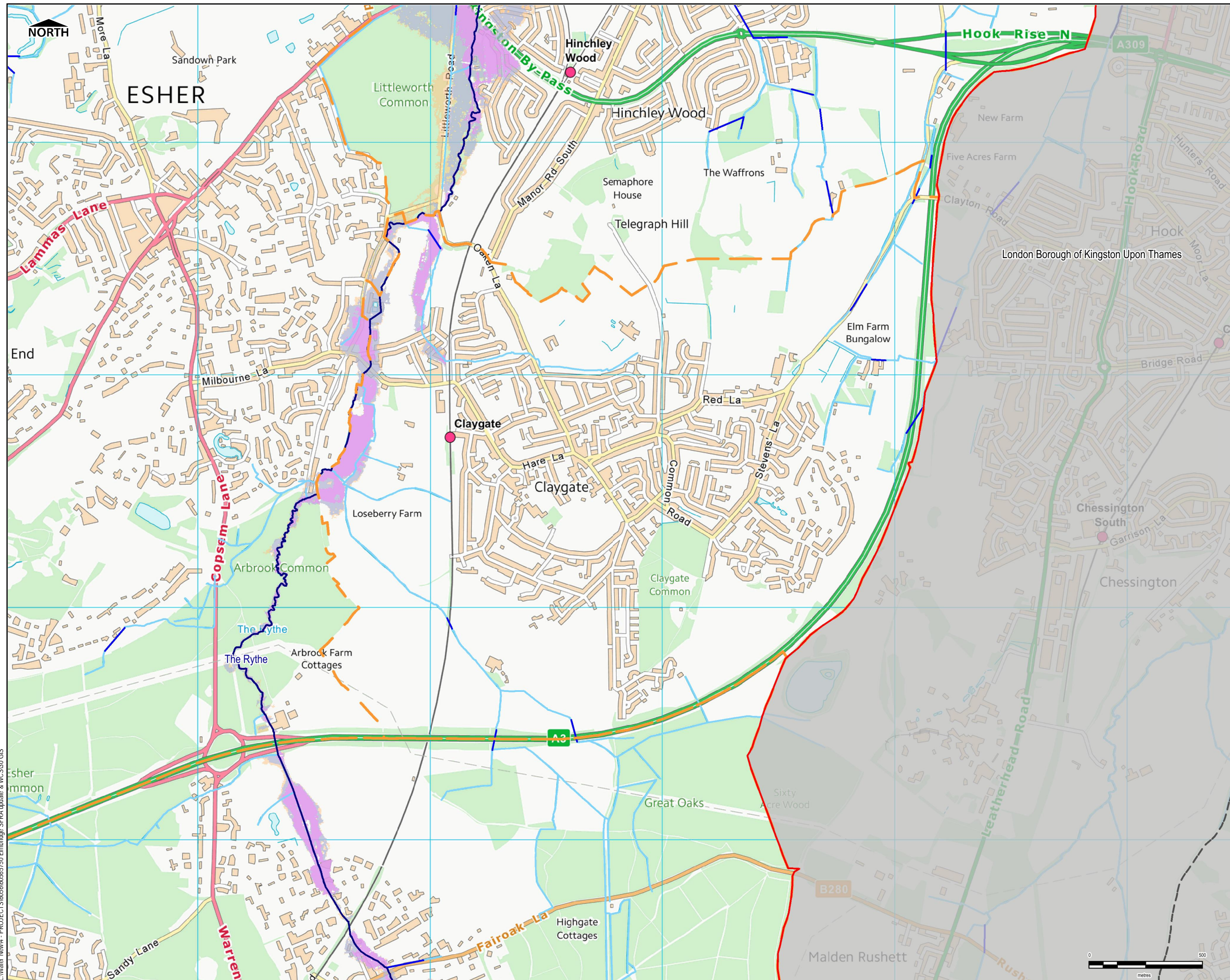
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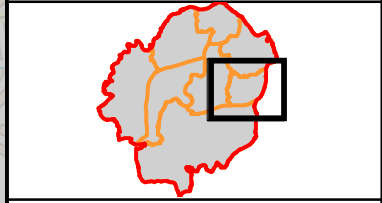
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- LEGEND**
- Borough Boundary
 - LPAS
 - Settlement Areas
- Watercourses**
- Main River
 - Ordinary Watercourse- Culverted
 - Ordinary Watercourses- Surface
- Modelled Flood Outlines**
- Modelled 1 in 100 year (1 percent AEP)
 - Modelled 1 in 20 year (5 percent AEP)
- Climate Change Modelled Outlines**
- Climate Change 70 percent

Notes


1. This map shows the predicted likelihood of fluvial flooding based on flood modelling studies (which may be subject to revision in the future). Please refer to Section 2.3 of the SFRA Report for further detail of the modelling studies used to define the extents of flooding.
2. The probability of fluvial flooding is divided into the following categories:
 - Land having a 0.1% annual exceedance probability (AEP) of river flooding (1 in 1,000 chance each year).
 - Land having a 1% AEP of river flooding (between 1 in 100 chance each year).
 - Land having a 5% AEP of river flooding (1 in 20 chance).
3. The modelling of the River Rythe defines the extent of flooding including allowances for climate change during the 1% (1 in 100 year) plus 20%.



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Purpose of Issue
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Client
 Elmbridge Borough Council

Project Title
Elmbridge Borough Council Level 1 Strategic Flood Risk Assessment

Drawing Title
Flood Risk from Rivers Claygate

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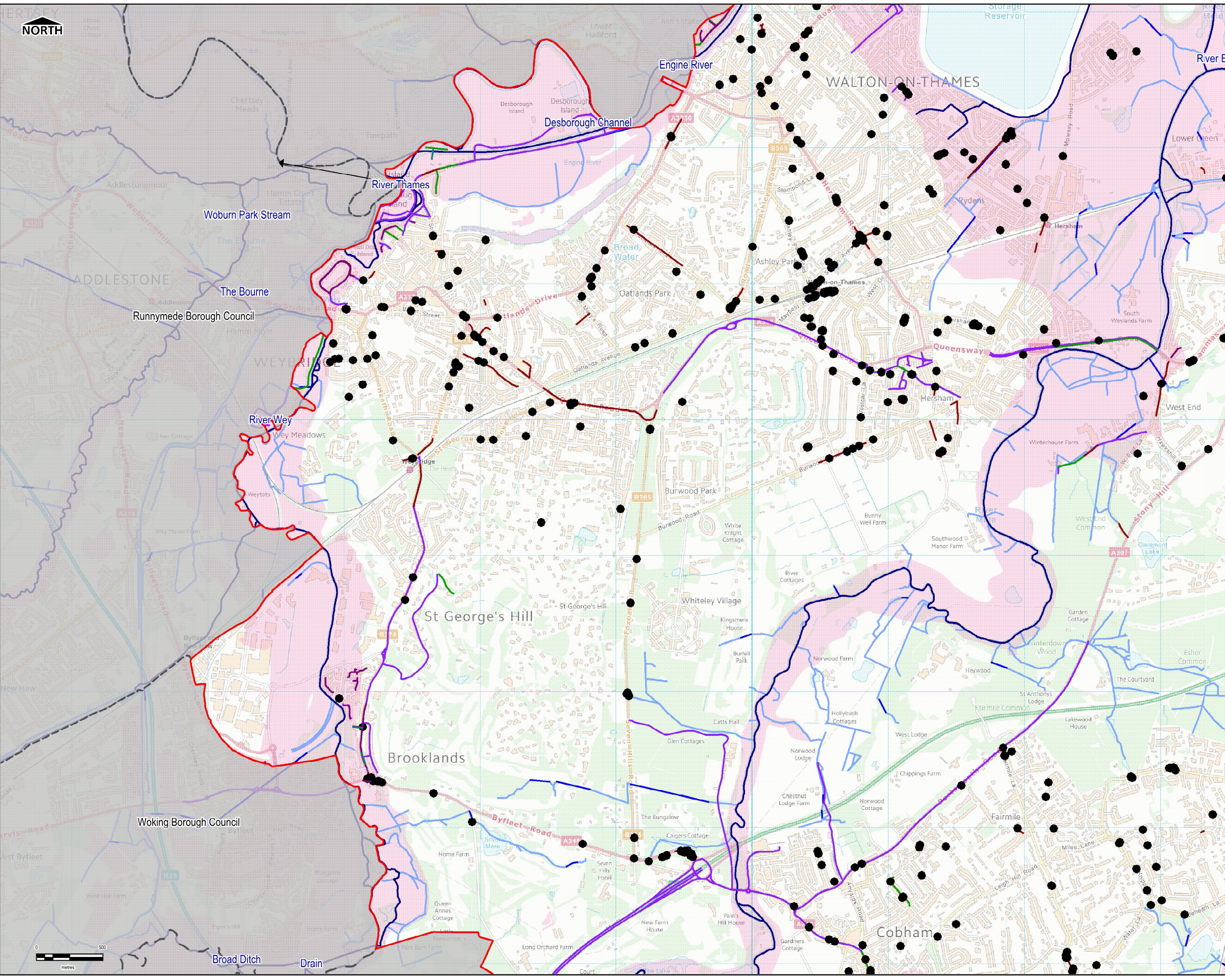
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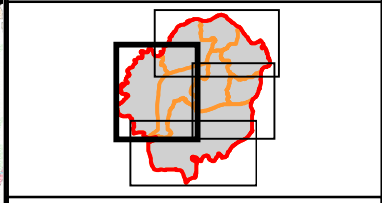
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LEGEND

- Borough Boundary
- LPAS
- Watercourses**
 - Main River
 - Ordinary Watercourses- Culverted
 - Ordinary Watercourse- Surface
- Environment Agency Historic Flooding**
 - Historic Flood Map
 - West Thames Properties Affected
- Elbridge Borough Council**
 - Register of Flooded Properties
- Surrey County Council (LLFA)**
 - Highways Enquiries
 - Surrey Wetspots
 - Internal Property Flooding
 - External Property Flooding
 - Historic Flooding Incidents



Notes
 1. Flood Incidents data has been provided by the Environment Agency, Surrey County Council (Lead Local Flood Authority) and Elbridge Borough Council. Further information on these flood records is provided within the Level 1 SFRA report

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Project Title
 Elbridge Borough Council Level 1 Strategic Flood Risk Assessment

Drawing Title
 Historic Flood Incidents (View 2)

Drawn	Checked	Approved	Date
HB	SL	SK	September 2018

Internal Project No.
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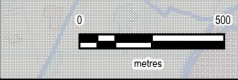
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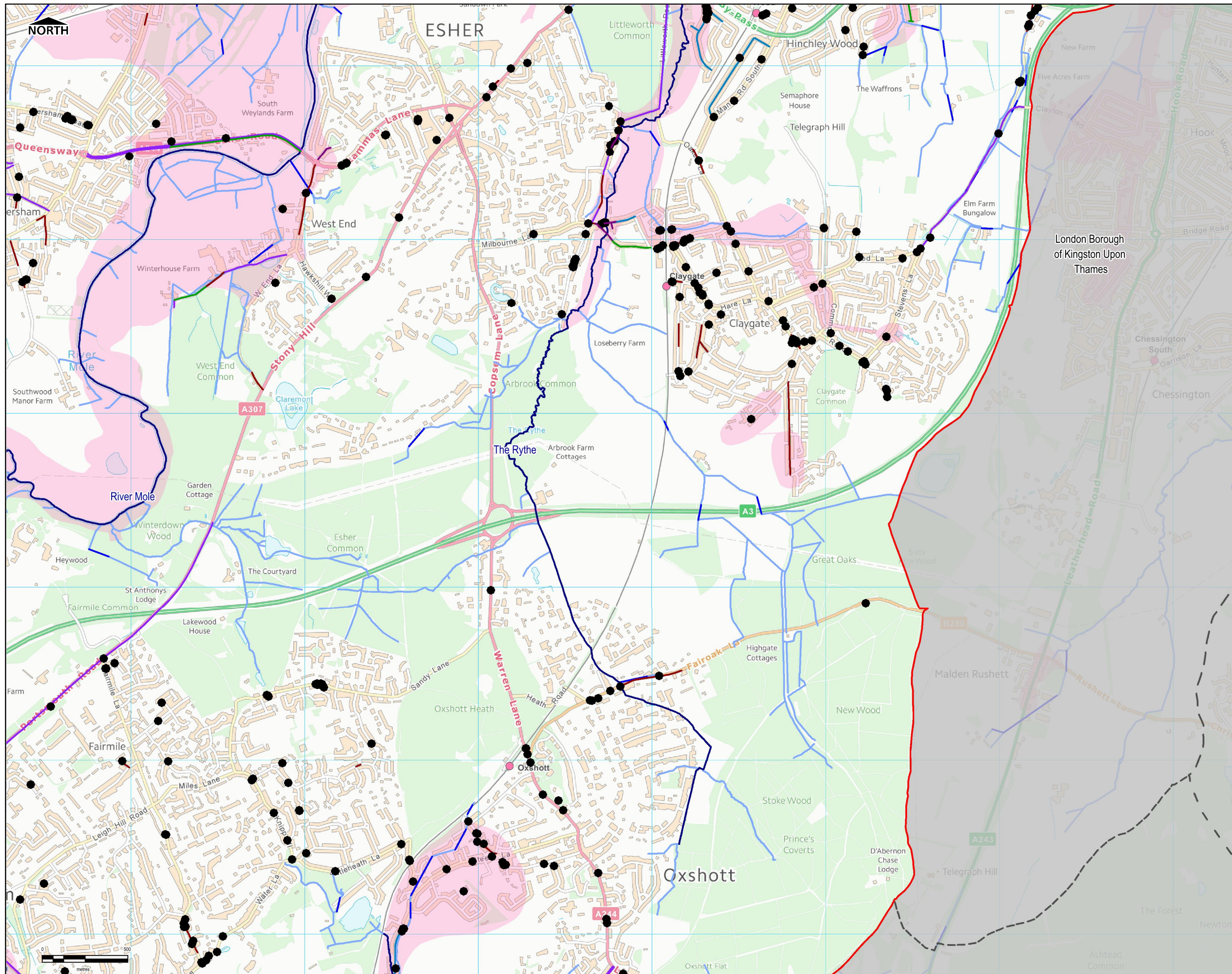
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LEGEND

- Borough Boundary
- LPAS
- Watercourses
 - Main River
 - Ordinary Watercourses- Culverted
 - Ordinary Watercourse- Surface
- Environment Agency Historic Flooding
 - Historic Flood Map
 - West Thames Properties Affected
- Elbridge Borough Council
 - Register of Flooded Properties
- Surrey County Council (LLFA)
 - Highways Enquiries
 - Surrey Wetspots
 - Internal Property Flooding
 - External Property Flooding
 - Historic Flooding Incidents

Notes

1. Flood Incidents data has been provided by the Environment Agency, Surrey County Council (Lead Local Flood Authority) and Elbridge Borough Council. Further information on these flood records is provided within the Level 1 SFRA report

Intended Use

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Project Title

Elbridge Borough Council Level 1 Strategic Flood Risk Assessment

Drawing Title

Historic Flood Incidents (View 3)

Drawn	Checked	Approved	Date
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Internal Project No. 60565750 **Scales at A3** 1:20,000

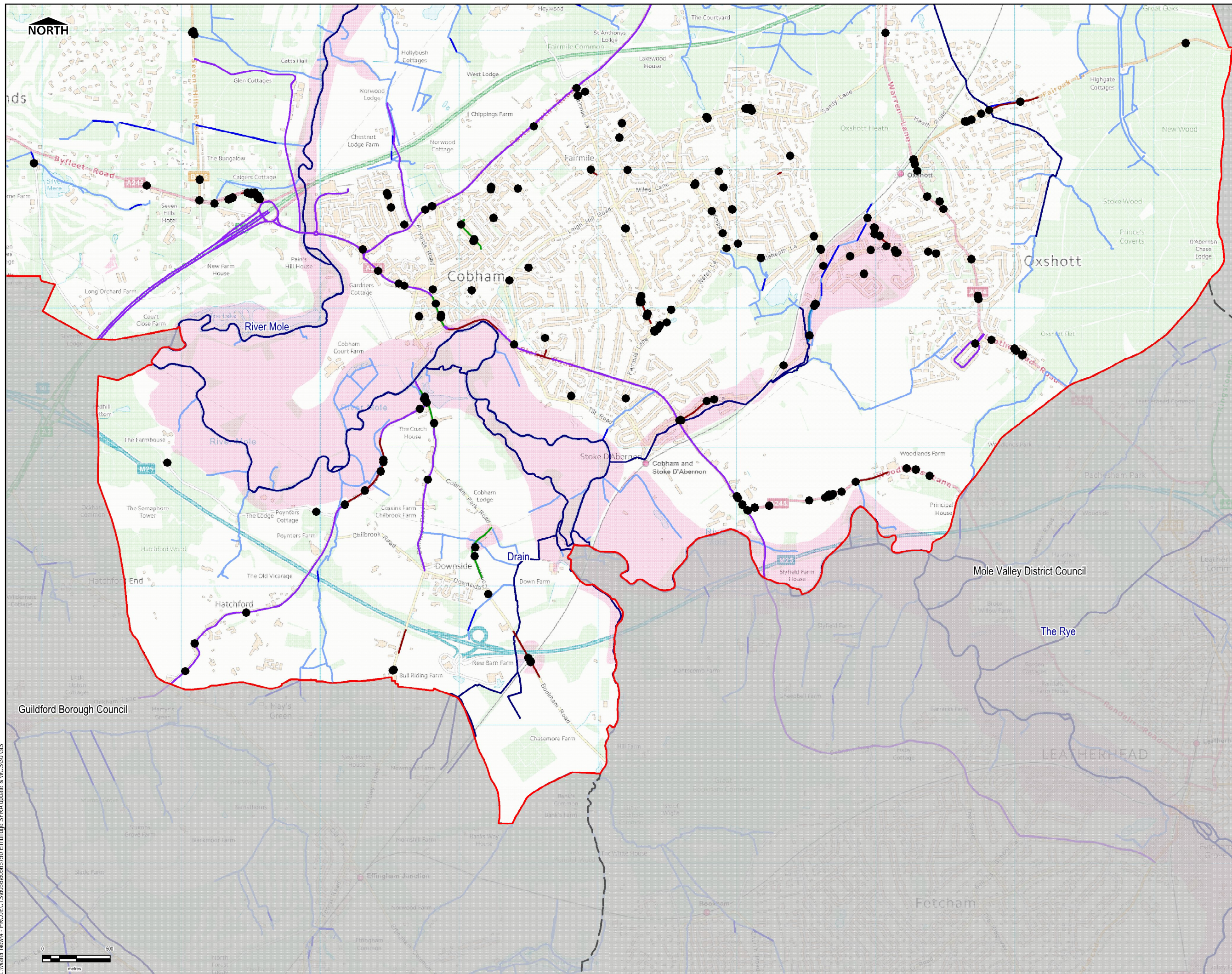
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LEGEND

- Borough Boundary
- LPAS
- Watercourses
 - Main River
 - Ordinary Watercourses- Culverted
 - Ordinary Watercourse- Surface
- Environment Agency Historic Flooding
 - Historic Flood Map
 - West Thames Properties Affected
- Elbridge Borough Council
 - Register of Flooded Properties
- Surrey County Council (LLFA)
 - Highways Enquiries
 - Surrey Wetspots
 - Internal Property Flooding
 - External Property Flooding
 - Historic Flooding Incidents

Notes

1. Flood Incidents data has been provided by the Environment Agency, Surrey County Council (Lead Local Flood Authority) and Elbridge Borough Council. Further information on these flood records is provided within the Level 1 SFRA report

Intended Use

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Project Title

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Drawing Title

Historic Flood Incidents (View 4)

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Internal Project No. 60565750 **Scale at A3** 1:25,000

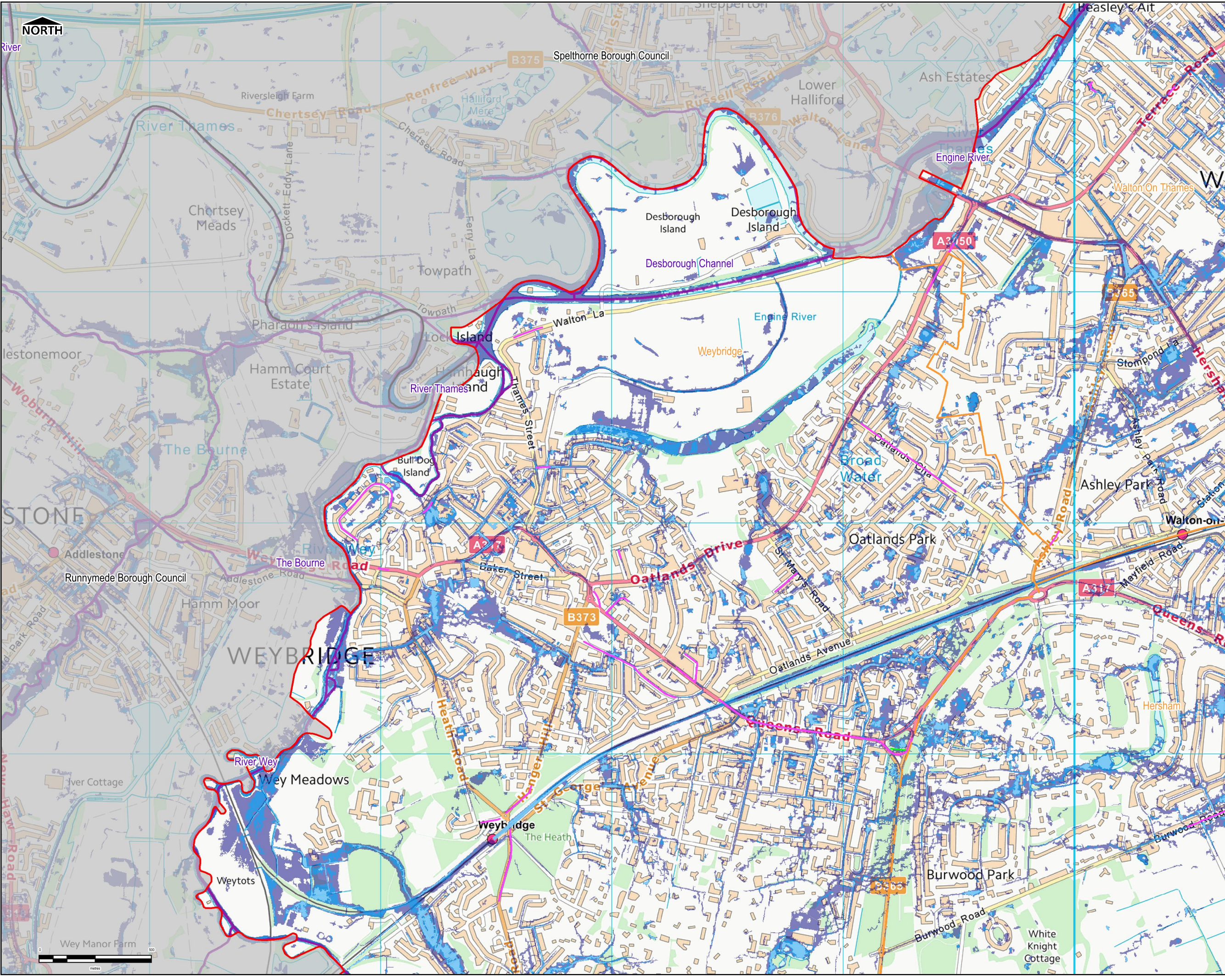
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LEGEND

- Borough Boundary
- LPAS
- Settlement Areas

Watercourses

- Main River
- Elmbridge Ditches

Risk of Flooding from Surface Water

- High Risk of Flooding
- Medium Risk of Flooding
- Low Risk of Flooding
- Surrey Wetspots

Notes

- This map shows the predicted likelihood of surface water flooding based on the Environment Agency's Risk of Flooding from Surface Water (ROFSW) data, which may be subject to further analysis in the future. Further information is provided on the Environment Agency website (www.gov.uk/environment-agency).
- The Risk from Surface Water Flooding is divided into categories: High: each year, the chance of flooding is greater than 1 in 30 (3.3%); Medium: each year, the chance of flooding is between 1 in 100 (1%) and 1 in 30 (3.3%); Low: each year, the chance of flooding is between 1 in 1000 (0.1%) and 1 in 100 (1%); Very Low: each year, the chance of flooding is less than 1 in 1000 (0.1%).
- The potential impact of surface water flooding can vary according to the depth of the water, and its velocity (speed and direction that it is flowing in).
- Surface water flooding happens when rainwater does not drain away through the normal drainage systems or soaks into the ground, but lies on or flows over the ground instead. This type of flooding can be difficult to predict as it is hard to forecast exactly where or how much rain will fall in any storm.

Intended Use

This map is intended to provide a strategic overview of surface water flood risk and should not be used to assess flood risk for individual properties.

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Purpose of Issue: **FINAL**

Client: Elmbridge Borough Council

Project Title: **Elmbridge Borough Council Level 1 Strategic Flood Risk Assessment**

Drawing Title: **Flood Risk from Surface Water Weybridge (View 1)**

Drawn	Checked	Approved	Date
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Internal Project No: 60565750 Scale at A3: 1:15,000

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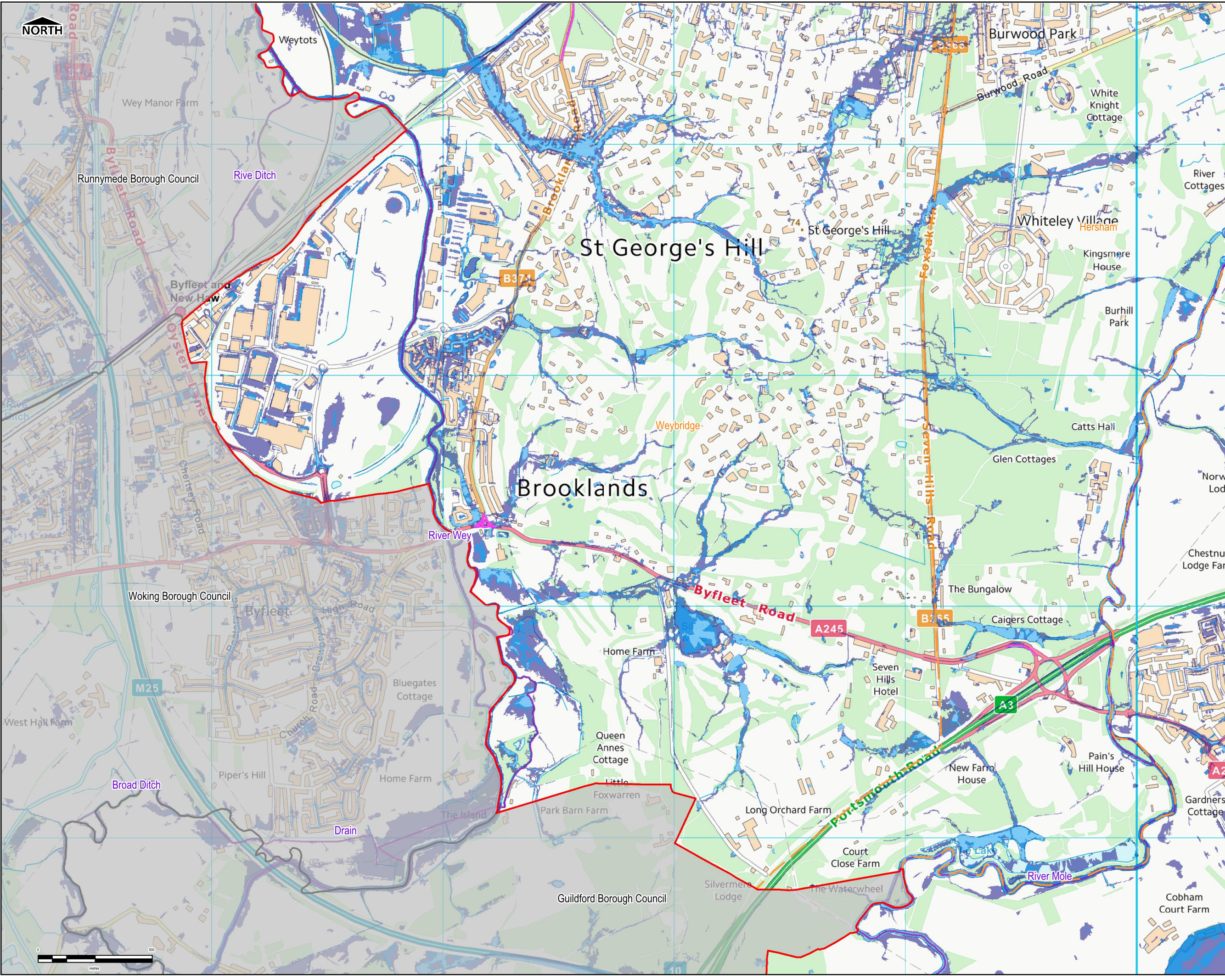
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LEGEND

- Borough Boundary
- LPAS
- Settlement Areas
- Watercourses
 - Main River
 - Embridge Ditches
- Risk of Flooding from Surface Water
 - High Risk of Flooding
 - Medium Risk of Flooding
 - Low Risk of Flooding
 - Surrey Wetspots

Notes

- This map shows the predicted likelihood of surface water flooding based on the Environment Agency's Risk of Flooding from Surface Water (ROFSW) data, which may be subject to further analysis in the future. Further information is provided on the Environment Agency website (www.gov.uk/environment-agency).
- The Risk from Surface Water Flooding is divided into categories: High: each year, the chance of flooding is greater than 1 in 30 (3.3%); Medium: each year, the chance of flooding is between 1 in 100 (1%) and 1 in 30 (3.3%); Low: each year, the chance of flooding is between 1 in 1000 (0.1%) and 1 in 100 (1%); Very Low: each year, the chance of flooding is less than 1 in 1000 (0.1%).
- The potential impact of surface water flooding can vary according to the depth of the water, and its velocity (speed and direction that it is flowing in).
- Surface water flooding happens when rainwater does not drain away through the normal drainage systems or soaks into the ground, but lies on or flows over the ground instead. This type of flooding can be difficult to predict as it is hard to forecast exactly where or how much rain will fall in any storm.

Intended Use

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Client

Project Title

Elmbridge Borough Council Level 1 Strategic Flood Risk Assessment

Drawing Title

Flood Risk from Surface Water Weybridge (View 2)

Drawn	Checked	Approved	Date
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Internal Project No. 60565750 **Scale at A3** 1:15,000

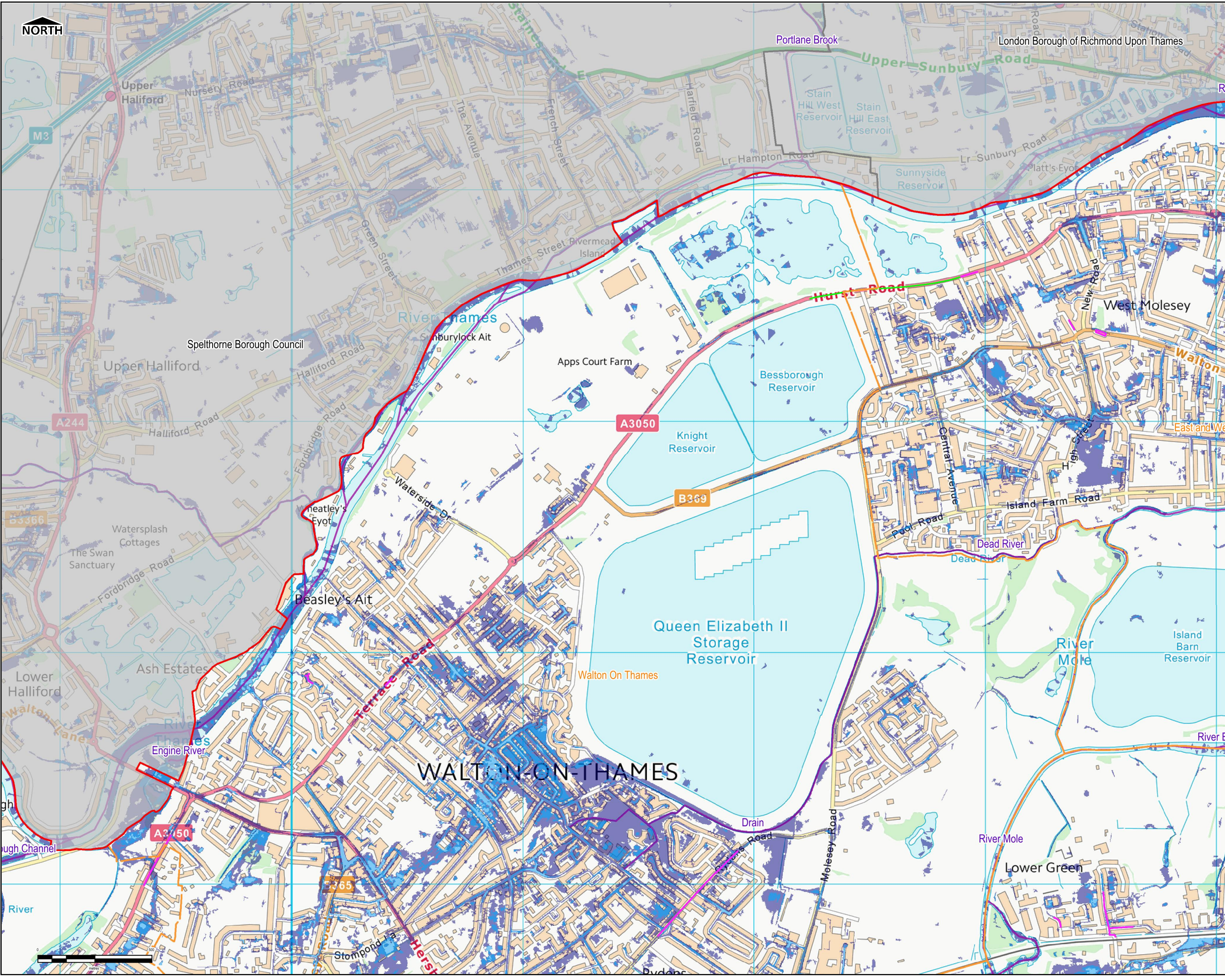
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LEGEND

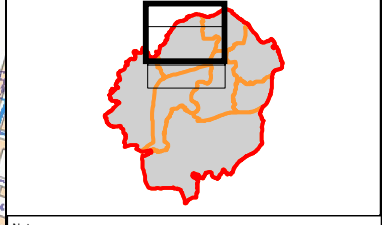
- Borough Boundary
- LPAS
- Settlement Areas

Watercourses

- Main River
- Elmbidge Ditches

Risk of Flooding from Surface Water

- High Risk of Flooding
- Medium Risk of Flooding
- Low Risk of Flooding
- Surrey Wetspots



Notes

1. This map shows the predicted likelihood of surface water flooding based on the Environment Agency's Risk of Flooding from Surface Water (ROFSW) data, which may be subject to further analysis in the future. Further information is provided on the Environment Agency website (www.gov.uk/environment-agency).
2. The Risk from Surface Water Flooding is divided into categories: High: each year, the chance of flooding is greater than 1 in 30 (3.3%); Medium: each year, the chance of flooding is between 1 in 100 (1%) and 1 in 30 (3.3%); Low: each year, the chance of flooding is between 1 in 1000 (0.1%) and 1 in 100 (1%); Very Low: each year, the chance of flooding is less than 1 in 1000 (0.1%).
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Intended Use
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Revision Details			
By	Check	Date	Suffix

Purpose of Issue
FINAL

Client
 Elmbidge Borough Council
bridging the communities...

Project Title
Elmbidge Borough Council Level 1 Strategic Flood Risk Assessment

Drawing Title
Flood Risk from Surface Water
Walton-On-Thames (View 1)

Drawn HB	Checked SL	Approved SK	Date Sept 2018
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Internal Project No.
60565750

Scale
at A3
1:15,000

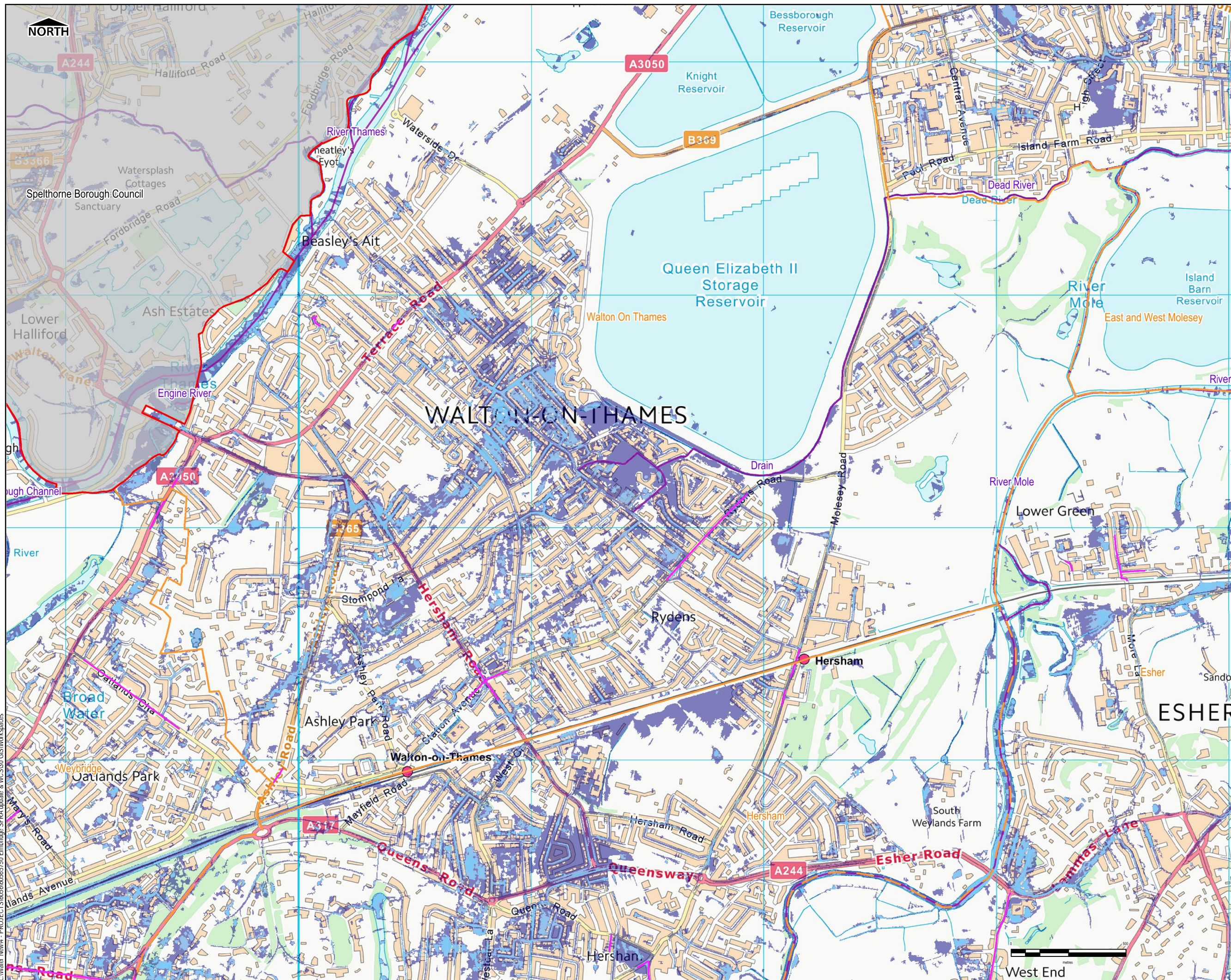
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Drawing Number
FIGURE F3

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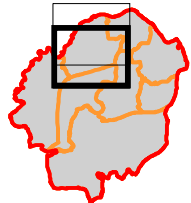
- Borough Boundary
- LPAS
- Settlement Areas

Watercourses

- Main River
- Elmbidge Ditches

Risk of Flooding from Surface Water

- High Risk of Flooding
- Medium Risk of Flooding
- Low Risk of Flooding
- Surrey Wetspots



Notes

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Revision Details	By	Check	Date	Suffix

Purpose of Issue: **FINAL**



Project Title: **Elmbridge Borough Council Level 1 Strategic Flood Risk Assessment**

Drawing Title: **Flood Risk from Surface Water Walton-on-Thames (View 2)**

Drawn	Checked	Approved	Date
HB	SL	SK	Sept 2018

Internal Project No: 6056750
Scale at A3: 1:15,000

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Drawing Number: **FIGURE F4** Rev: **01**

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LEGEND

- Borough Boundary
- LPAS
- Settlement Areas
- Watercourses
 - Main River
 - Elmbridge Ditches
- Risk of Flooding from Surface Water
 - High Risk of Flooding
 - Medium Risk of Flooding
 - Low Risk of Flooding
- Surrey Wetspots

Notes

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Revision Details	By	Check	Date	Suffix

Purpose of Issue

FINAL

Client

Elmbridge Borough Council

Project Title

Elmbridge Borough Council Level 1 Strategic Flood Risk Assessment

Drawing Title

Flood Risk From Surface Water Hersham (View 1)

Drawn	Checked	Approved	Date
HB	SL	SK	Sept 2018

Internal Project No. 60565750 **Scale at A3** 1:15,000

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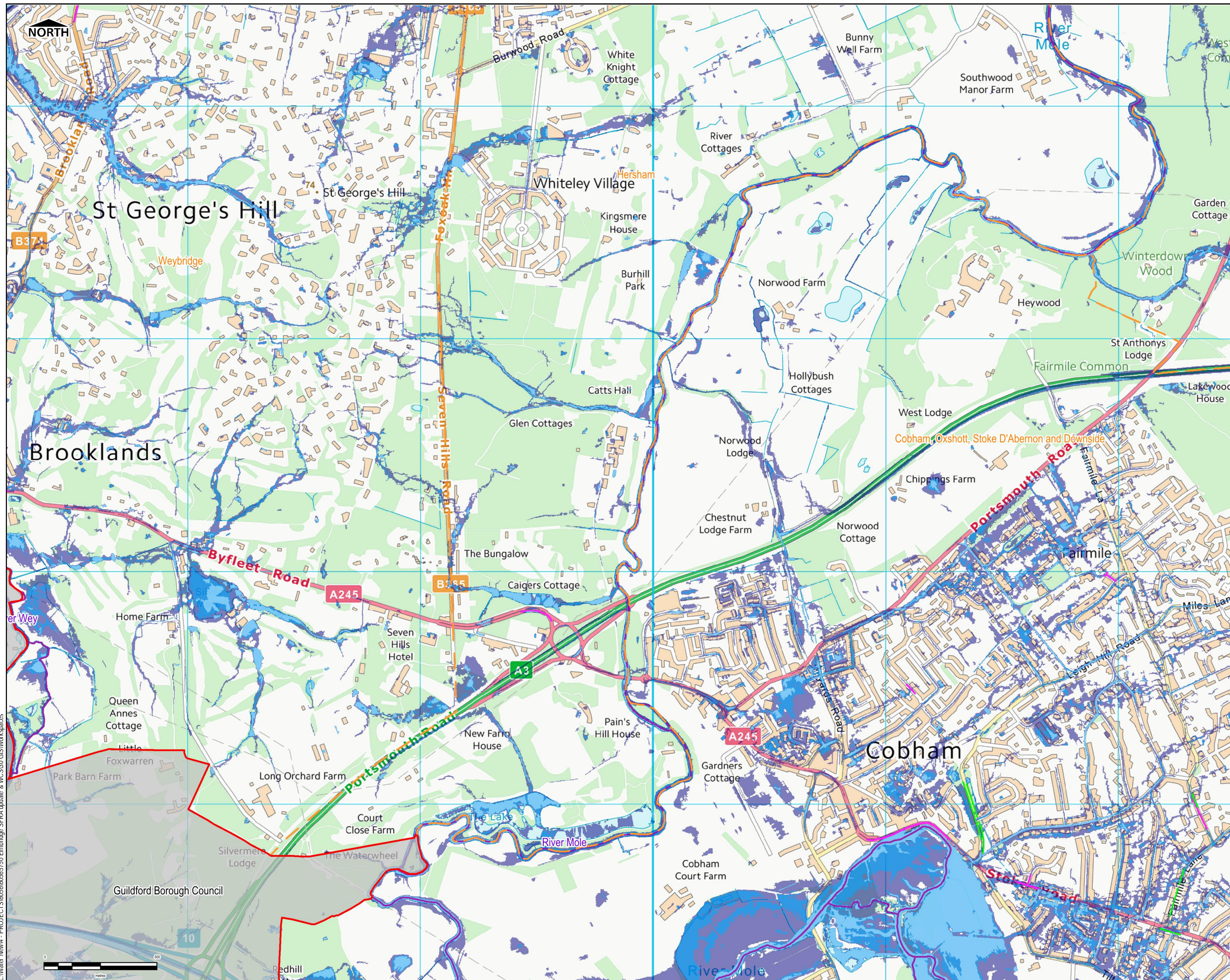
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Drawing Number FIGURE F5 **Rev** 01

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LEGEND

- Borough Boundary
- LPAS
- Settlement Areas
- Watercourses
 - Main River
 - Elbridge Ditches
- Risk of Flooding from Surface Water
 - High Risk of Flooding
 - Medium Risk of Flooding
 - Low Risk of Flooding
 - Surrey Wetspots

Notes

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Revision Details		By	Check	Date	Suffix

Purpose of Issue

FINAL

Client

Project Title

Elmbridge Borough Council Level 1 Strategic Flood Risk Assessment

Drawing Title

Flood Risk from Surface Water Herisham (View 2)

Drawn	Checked	Approved	Date
HB	SL	SK	Sept 2018

Internal Project No. 60565750

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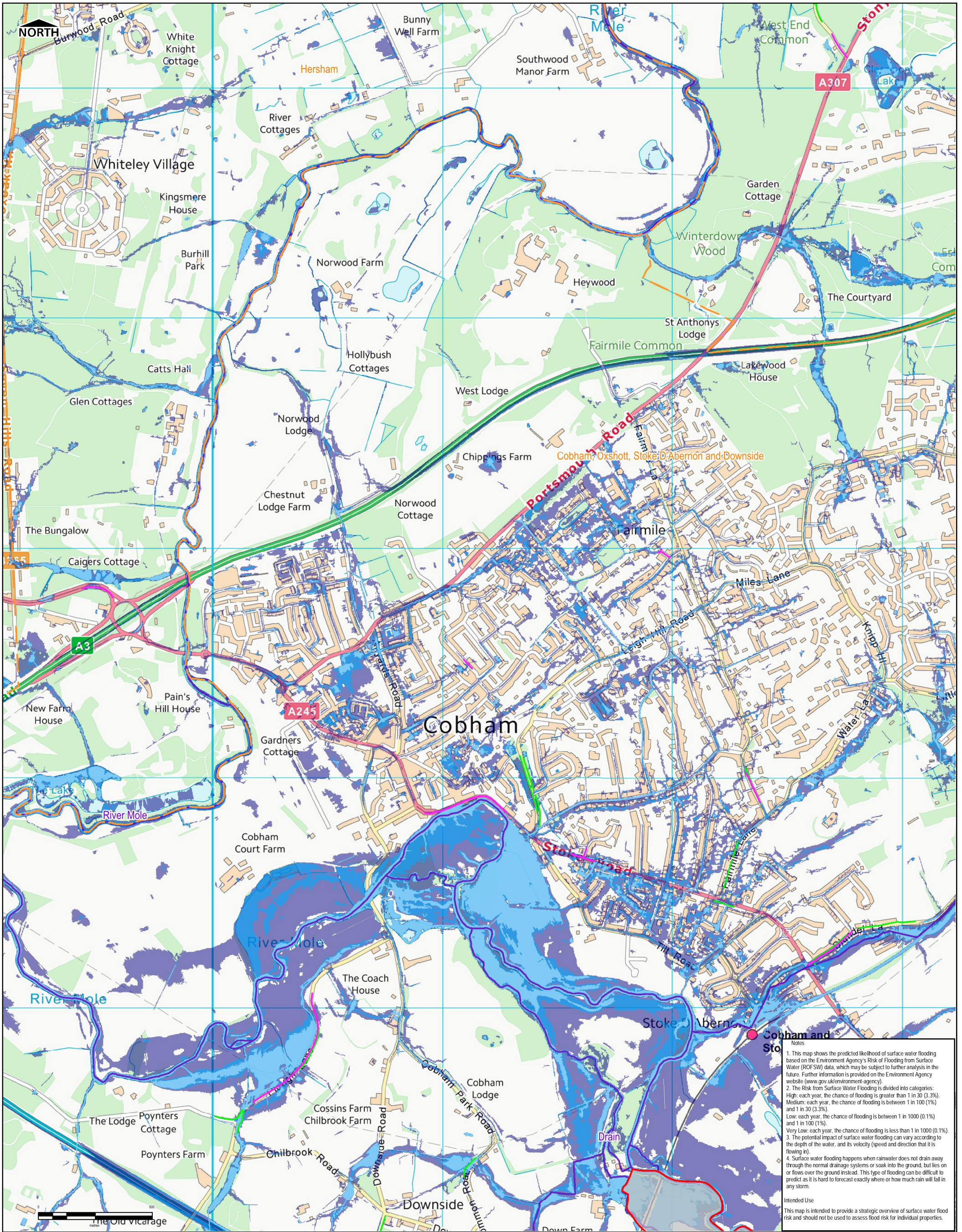
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Drawing Number FIGURE F6

Rev 01

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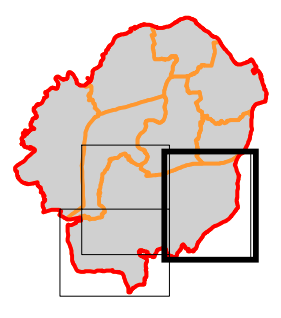


Notes

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LEGEND	
	Borough Boundary
	LPAS
	Settlement Areas
	Surrey Wetspots
	Watercourses
	Main River
	Elmridge Ditches
	Risk of Flooding from Surface Water
	High Risk of Flooding
	Medium Risk of Flooding
	Low Risk of Flooding

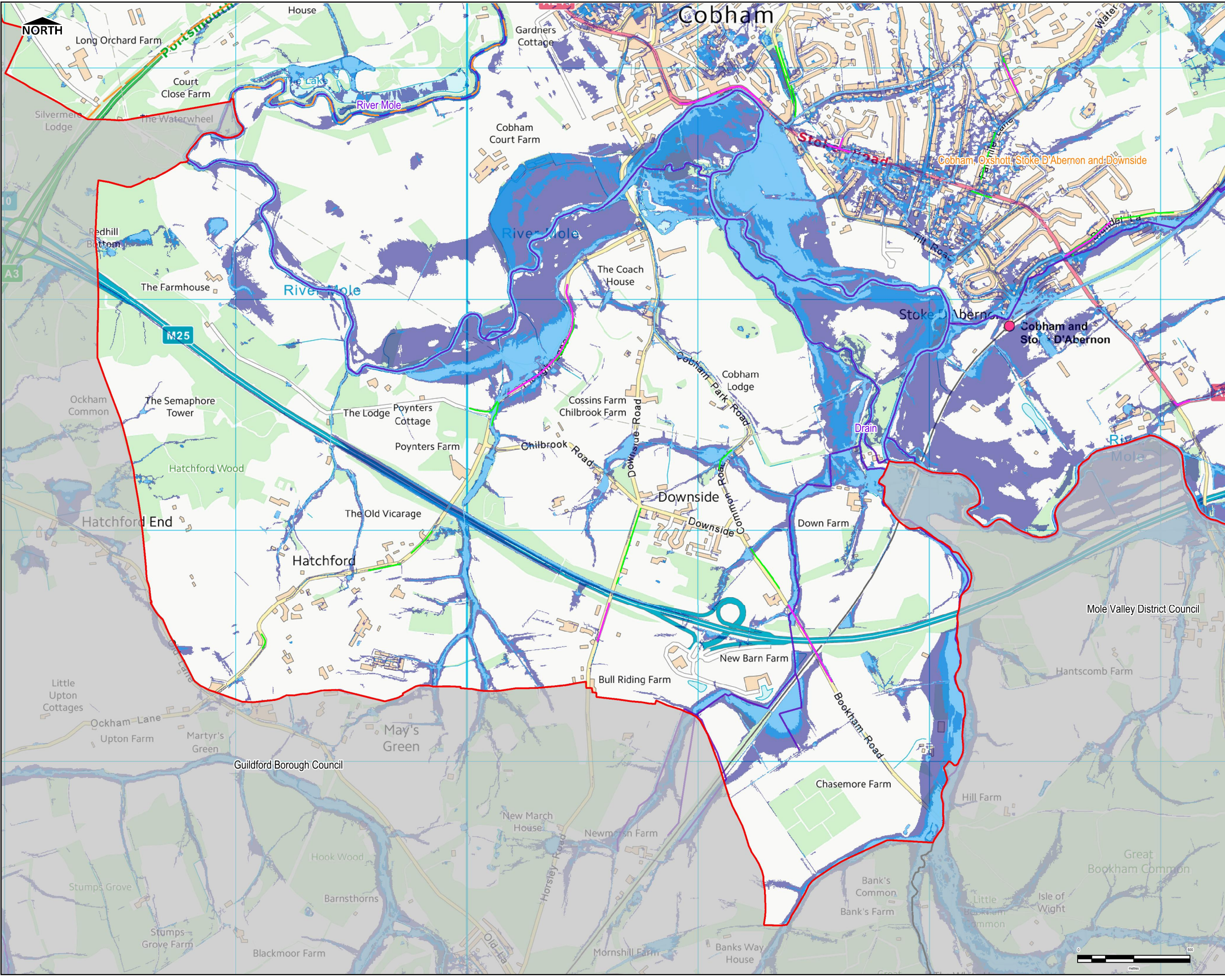


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Checked	SL
Approved	SK
Date	September 2018
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Project Title	Elmridge Borough Council Level 1 Strategic Flood Risk Assessment
Drawing Title	Flood Risk from Surface Water Cobham, Oxshott, Stoke D'Abernon & Downside (View 1)

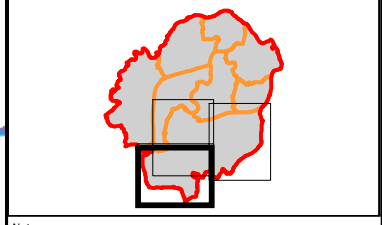
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Drawing Number	FIGURE F7
Rev	01



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LEGEND

- Borough Boundary
- LPAS
- Settlement Areas
- Watercourses
 - Main River
 - Elmbridge Ditches
- Risk of Flooding from Surface Water
 - High Risk of Flooding
 - Medium Risk of Flooding
 - Low Risk of Flooding
 - Surrey Wetspots



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Revision Details	By	Check	Check Date	Suffix

Purpose of Issue: **FINAL**



Client: Elmbridge Borough Council
 Project Title: Elmbridge Borough Council Level 1 Strategic Flood Risk Assessment

Drawing Title: Flood Risk from Surface Water Cobham, Oxshott, Stoke D'Abernon & Downside (View 2)

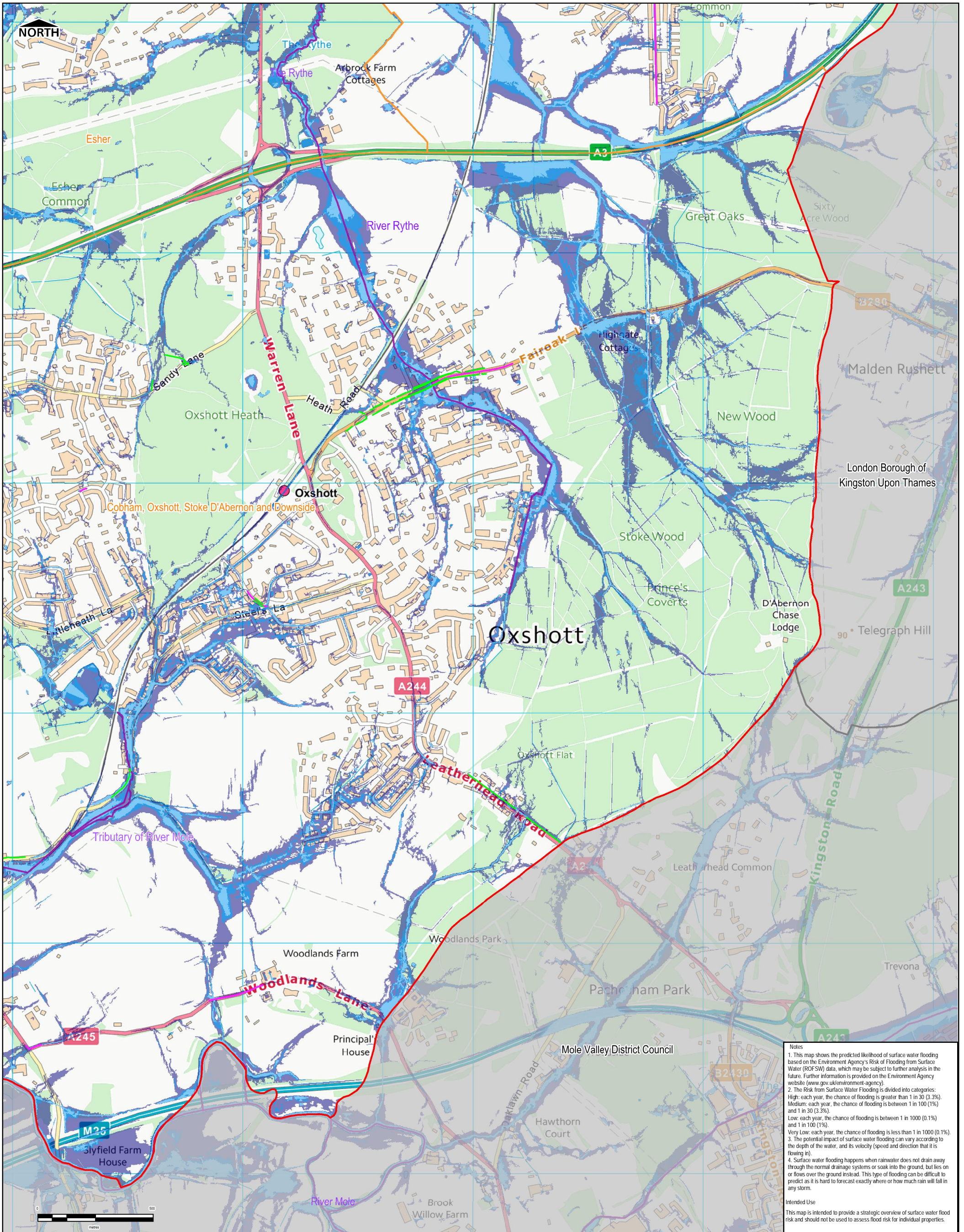
Drawn	Checked	Approved	Date
HB	SL	SK	Sept 2018

Internal Project No: 60565750
 Scale at A3: 1:15,000

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Drawing Number: **FIGURE F8**
 Rev: **01**

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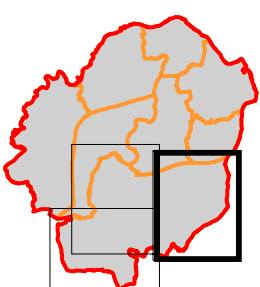
Notes

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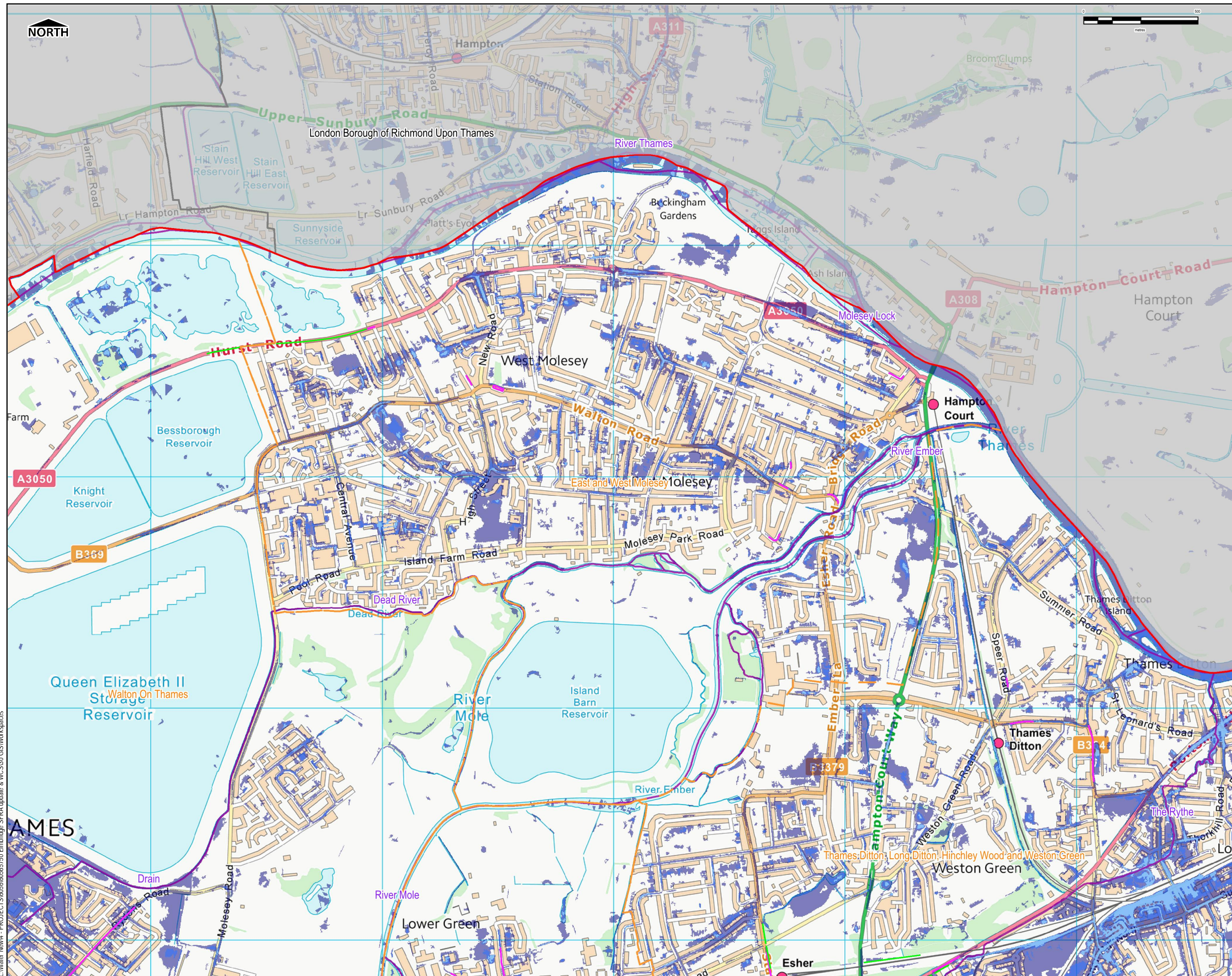
- LEGEND**
- Borough Boundary
 - LPAS
 - Settlement Areas
 - Surrey Wetspots

- Watercourses**
- Main River
 - Elbridge Ditches
- Risk of Flooding from Surface Water**
- High Risk of Flooding
 - Medium Risk of Flooding
 - Low Risk of Flooding



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Drawn	HB	Checked	SL
Approved	SK	Date	September 2018
Revision Details			
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Project Title	
Elbridge Borough Council Level 1 Strategic Flood Risk Assessment	
Drawing Title	
Flood Risk from Surface Water Cobham, Oxshott, Stoke D'Abernon & Downside (View 3)	
Client	
 Elbridge Borough Council <i>bridging the communities...</i>	
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Drawing Number	Rev
FIGURE F9	01



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- Borough Boundary
- LPAS
- Settlement Areas
- Watercourses
 - Main River
 - Elmbridge Ditches
- Risk of Flooding from Surface Water
 - High Risk of Flooding
 - Medium Risk of Flooding
 - Low Risk of Flooding
 - Surrey Wetspots

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Revision Details	By	Check	Date	Suffix

Purpose of Issue: **FINAL**

Client: Elmbridge Borough Council

Project Title: **Elmbridge Borough Council Level 1 Strategic Flood Risk Assessment**

Drawing Title: **Flood Risk from Surface Water East and West Molesey**

Drawn	Checked	Approved	Date
HB	SL	SK	Sept 2018

Internal Project No: 60565750 | Scale: A3 1:15,000

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Drawing Number	Rev
FIGURE F10	01

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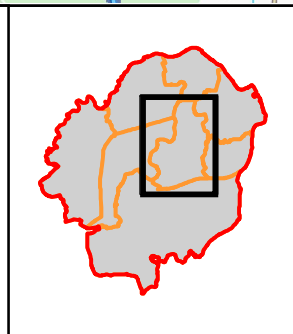
Notes

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LEGEND

- Borough Boundary
- LPAS
- Settlement Areas
- Surrey Wetspots
- Watercourses**
 - Main River
 - Elmbidge Ditches
- Risk of Flooding from Surface Water**
 - High Risk of Flooding
 - Medium Risk of Flooding
 - Low Risk of Flooding

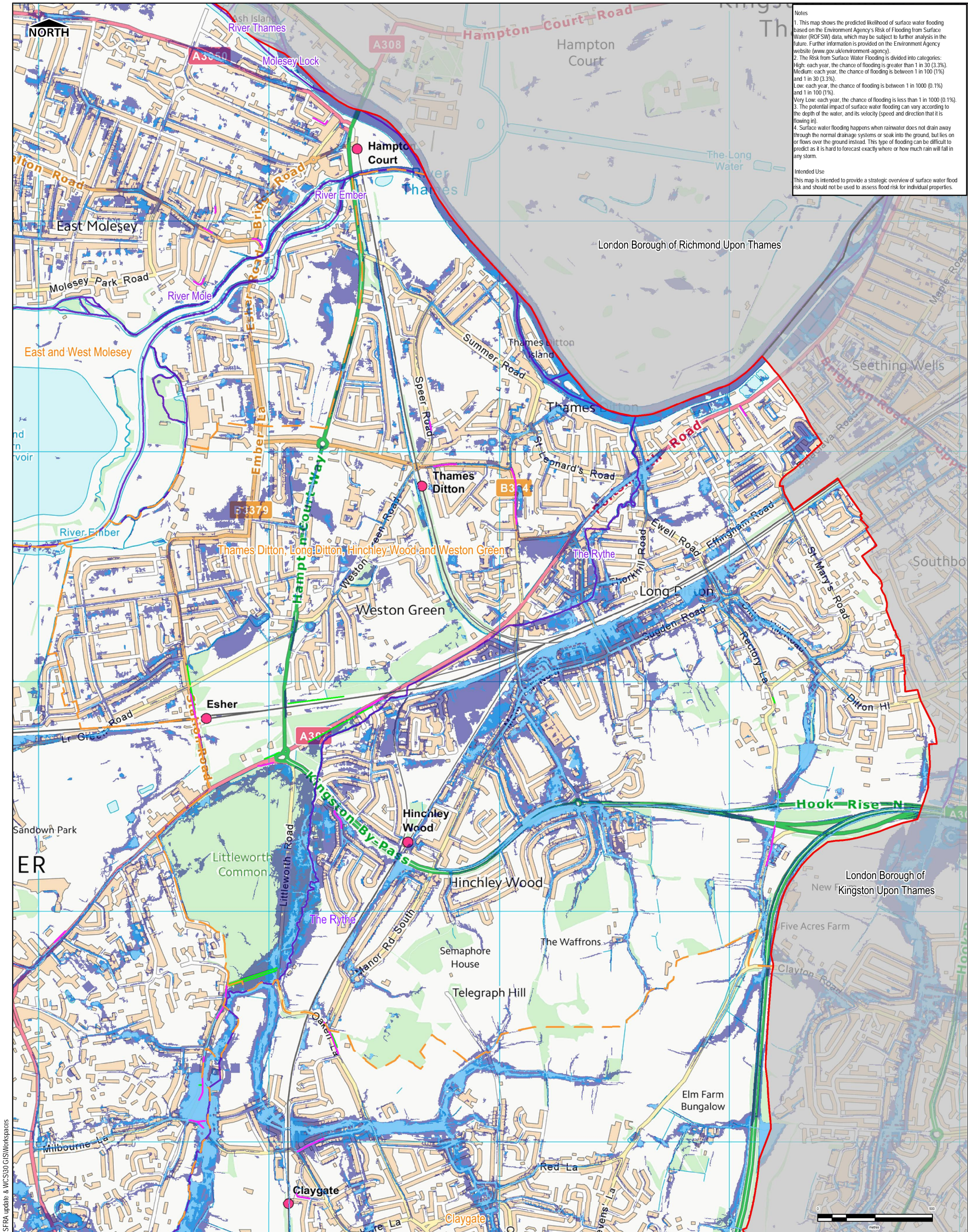


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Project Title	Elmbidge Borough Council Level 1 Strategic Flood Risk Assessment
Drawing Title	Flood Risk from Surface Water
Client	Elmbidge Borough Council
	AECOM Infrastructure & Environment UK Limited Midpoint Alecson Link Basingstoke RG21 7PP Telephone 01256 310300
Drawing Number	FIGURE F11
Rev	01

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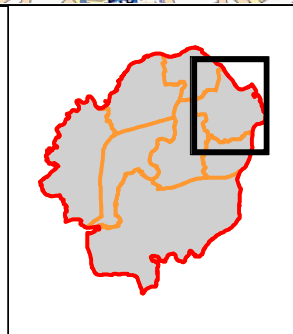
Notes

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LEGEND

- Borough Boundary
- LPAS
- Settlement Areas
- Surrey Wetspots
- Watercourses
 - Main River
 - Elmbridge Ditches
- Risk of Flooding from Surface Water**
 - High Risk of Flooding
 - Medium Risk of Flooding
 - Low Risk of Flooding



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Project Title	Elmbridge Borough Council Level 1 Strategic Flood Risk Assessment
Drawing Title	Flood Risk from Surface Water
Client	Elmbridge Borough Council
	Thames Ditton

Client: Elmbridge Borough Council

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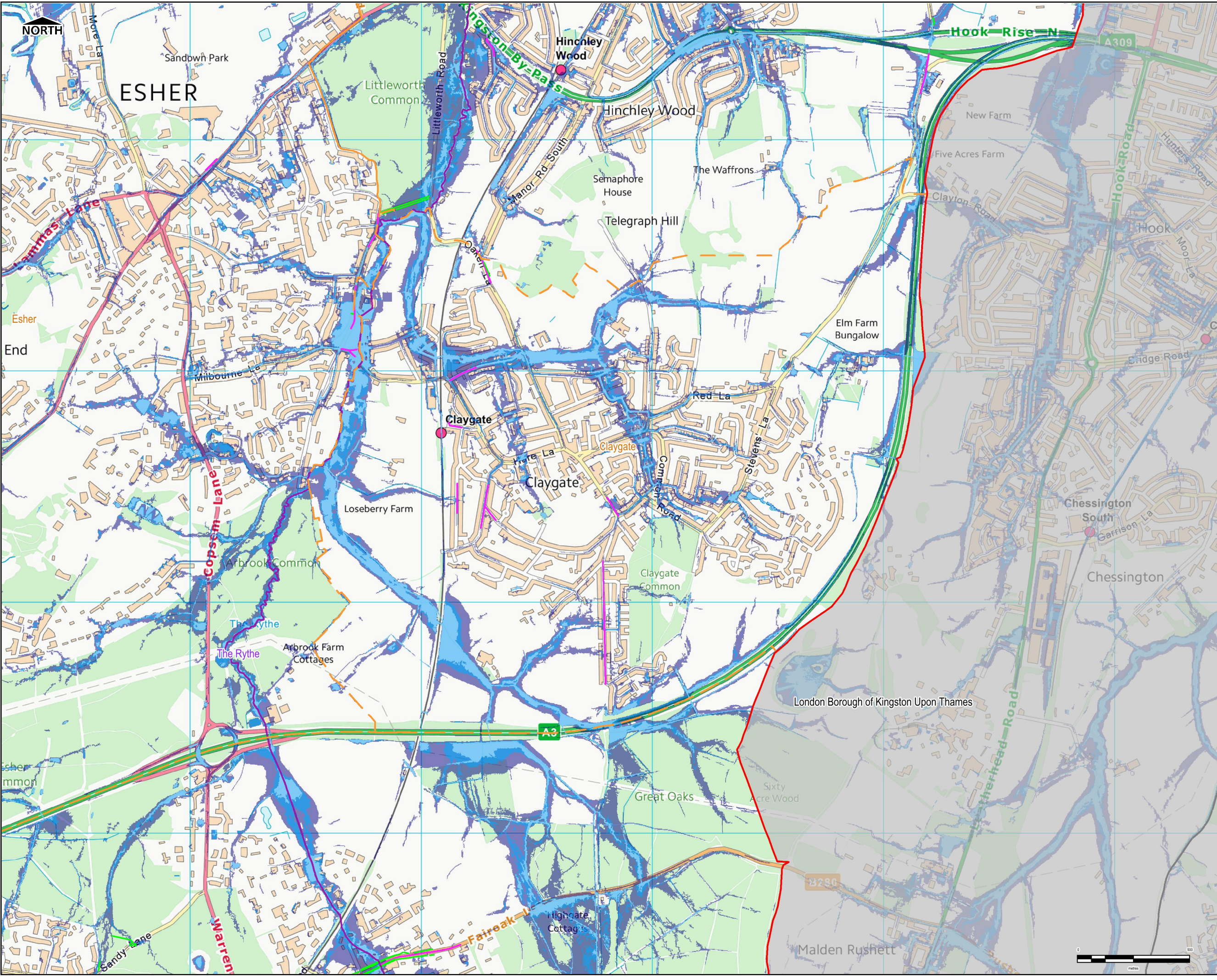
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Drawing Number: **FIGURE F12**

Rev: **01**

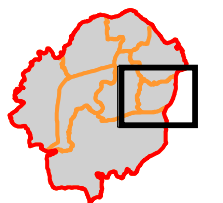
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THIS DRAWING IS TO BE USED ONLY FOR THE PURPOSE OF ISSUE THAT IT WAS ISSUED FOR AND IS SUBJECT TO AMENDMENT



LEGEND

- Borough Boundary
- LPAS
- Settlement Areas
- Watercourses
 - Main River
 - Elmbridge Ditches
- Risk of Flooding from Surface Water
 - High Risk of Flooding
 - Medium Risk of Flooding
 - Low Risk of Flooding
 - Surrey Wetspots



Notes

- This map shows the predicted likelihood of surface water flooding based on the Environment Agency's Risk of Flooding from Surface Water (ROFSW) data, which may be subject to further analysis in the future. Further information is provided on the Environment Agency website (www.gov.uk/environment-agency).
- The Risk from Surface Water Flooding is divided into categories: High: each year, the chance of flooding is greater than 1 in 30 (3.3%); Medium: each year, the chance of flooding is between 1 in 100 (1%) and 1 in 30 (3.3%); Low: each year, the chance of flooding is between 1 in 1000 (0.1%) and 1 in 100 (1%); Very Low: each year, the chance of flooding is less than 1 in 1000 (0.1%).
- The potential impact of surface water flooding can vary according to the depth of the water, and its velocity (speed and direction that it is flowing in).
- Surface water flooding happens when rainwater does not drain away through the normal drainage systems or soaks into the ground, but lies on or flows over the ground instead. This type of flooding can be difficult to predict as it is hard to forecast exactly where or how much rain will fall in any storm.

Intended Use
This map is intended to provide a strategic overview of surface water flood risk and should not be used to assess flood risk for individual properties.

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Revision Details			
By	Check	Check Date	Suffix

Purpose of Issue: **FINAL**

Client: Elmbridge Borough Council

Project Title: **Elmbridge Borough Council Level 1 Strategic Flood Risk Assessment**

Drawing Title: **Flood Risk from Surface Water Claygate**

Drawn: HB	Checked: SL	Approved: SK	Date: Sept 2018
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Internal Project No: 60565750
Scale at A3: 1:15,000

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Drawing Number: FIGURE F13	Rev: 01
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