

Offaly County Development Plan 2021-2027 Strategic Flood Risk Assessment

Appendix II Flood Mapping

18 October 2021



Offaly County Council
Comhairle Chontae Uíbh Fhailí



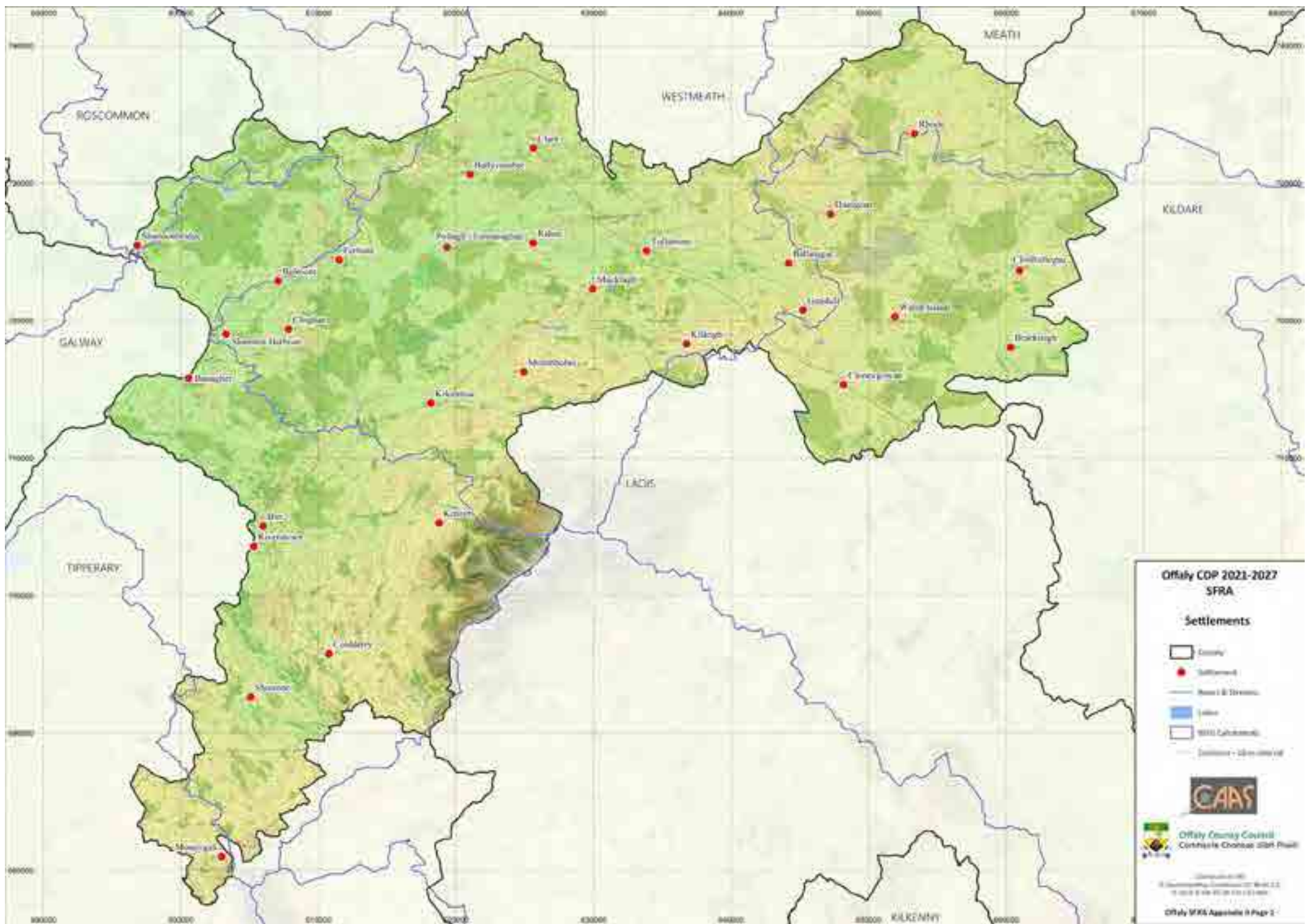
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Settlement Maps

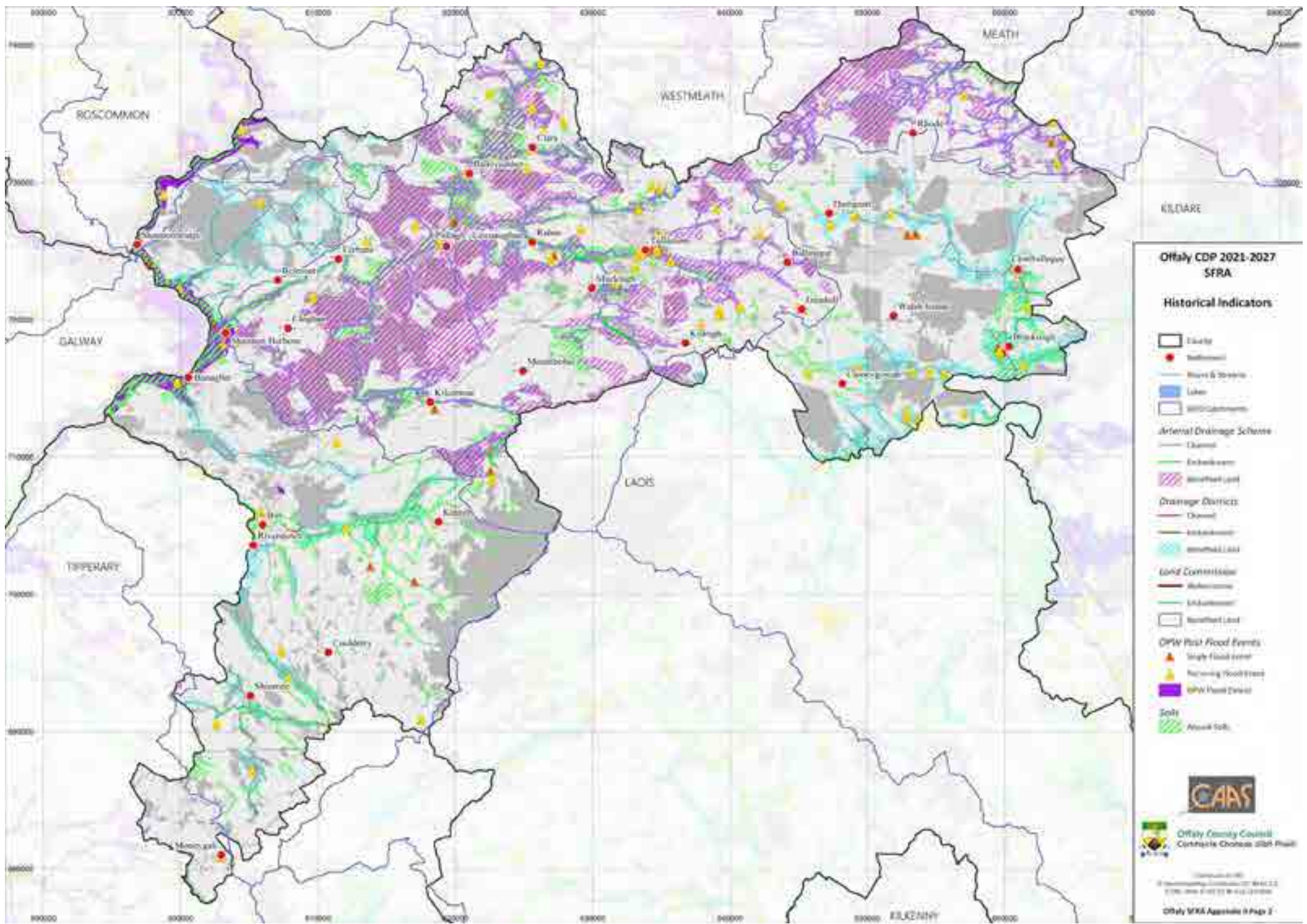
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Belmont	20
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Offaly COP 2021-2027 SFRA

- Settlements**
- County
 - Settlement
 - Roads & Streets
 - Water
 - Water Catchment
 - Settlement - 100m buffer





Offaly CDP 2021-2027 SFRA

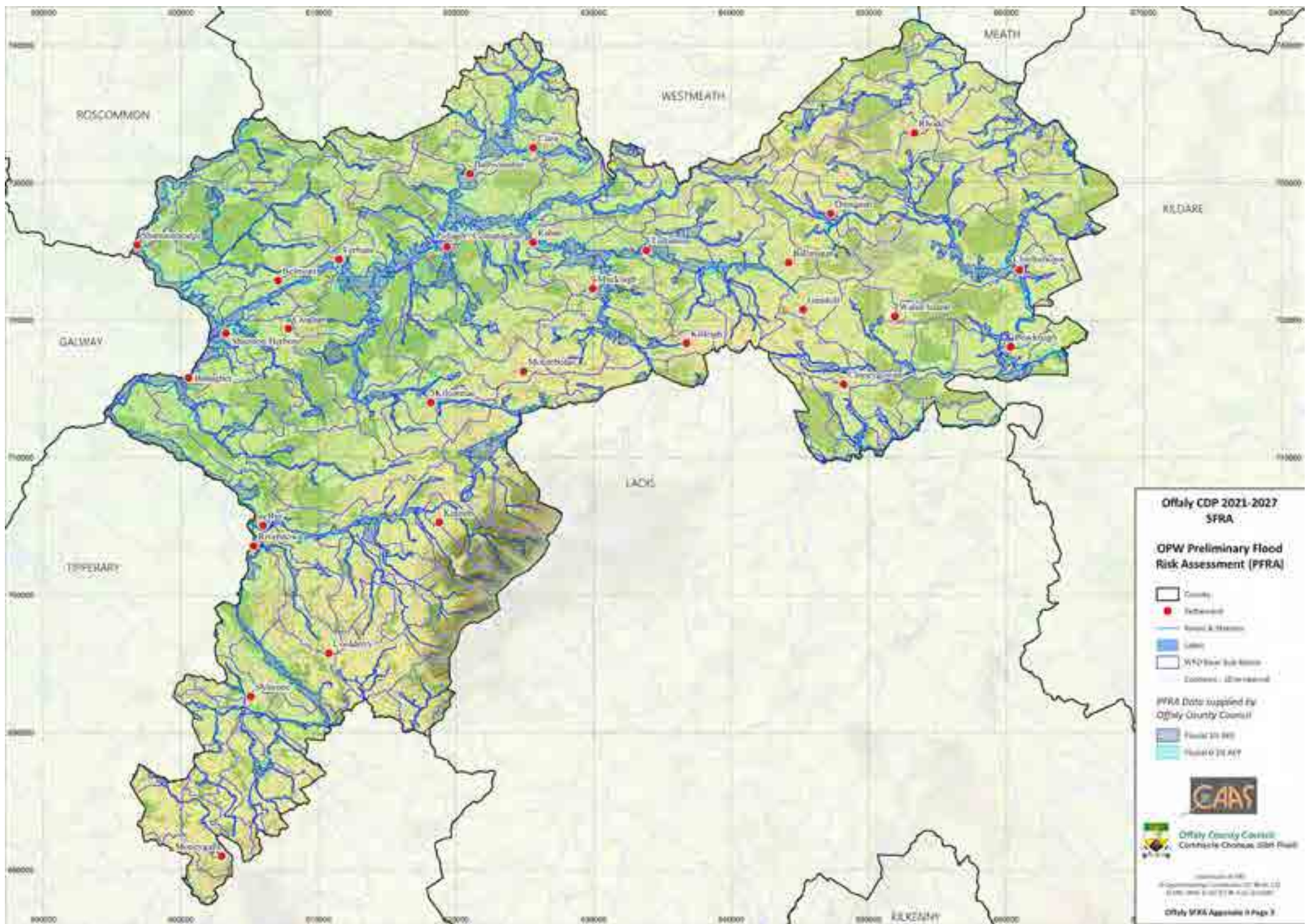
Historical Indicators

- Estate
- Ballisodare
- Roads & Streets
- Lakes
- Boundaries
- Arterial Drainage Scheme**
- Channel
- Embankment
- Washed Land
- Drainage Districts**
- Channel
- Embankment
- Washed Land
- Land Commission**
- Mulvey's
- Lickinane
- Washed Land
- OPW Past Flood Events**
- Single Flood Event
- Recurring Flood Event
- OPW Flood Damage
- Soils**
- Alluvial Soil



Offaly County Council
 Continual Choice 2018-2024

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**Offaly CDP 2021-2027
SFRA**

**OPW Preliminary Flood
Risk Assessment (PFRA)**

- County
- Settlement
- Road & Stream
- Lough
- WFD River Sub-Region
- District - Unincorporated

PFRA Data supplied by
Offaly County Council

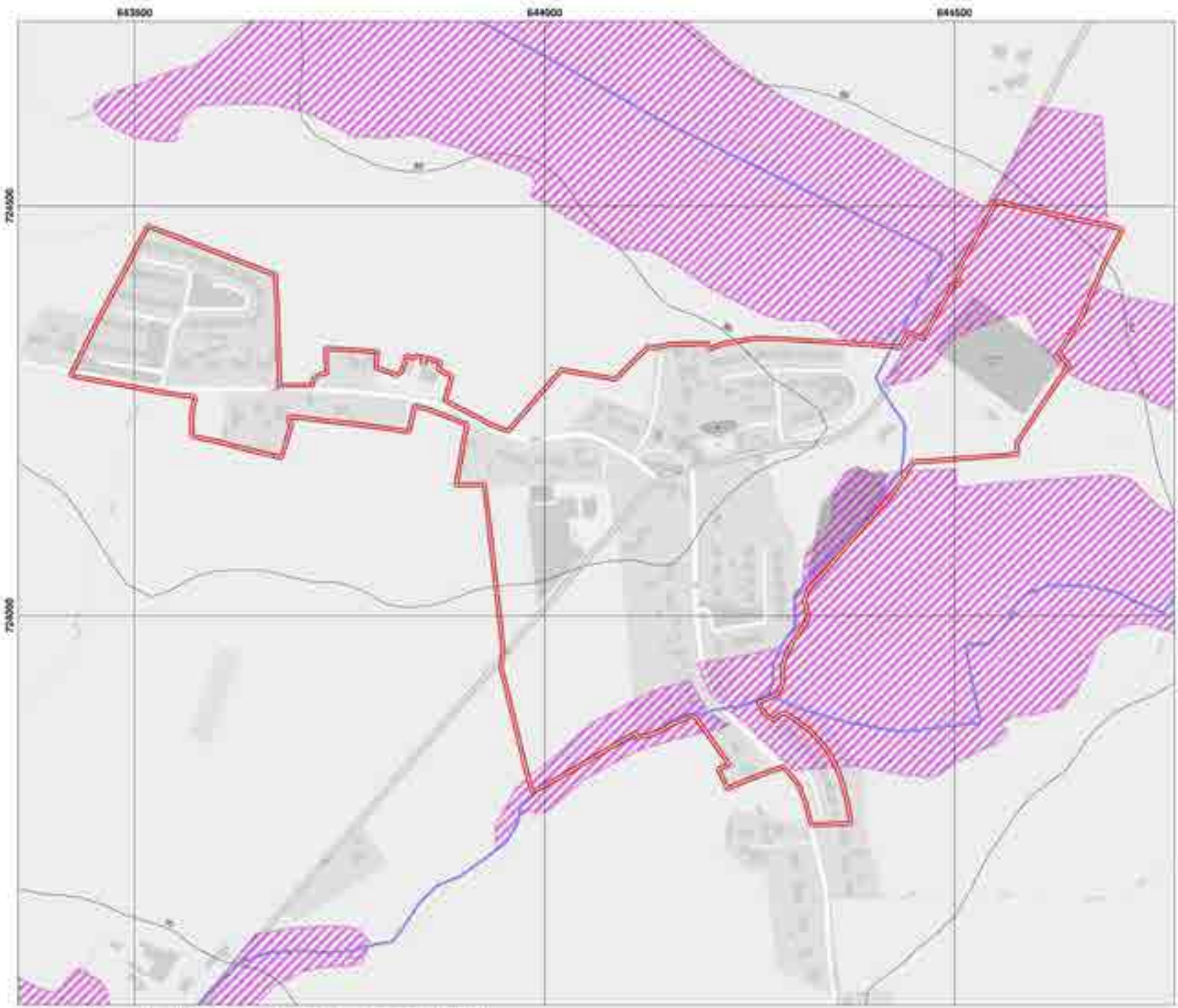
- Flood 20-90%
- Flood 0-20-90%



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Offaly CDP 2021-2027 SFRA

Ballinagar Historical Indicators

-  County
-  Zoning Boundary
-  Rivers & Streams
-  Lakes
-  WFD River Sub-Basins
-  Contours

Arterial Drainage Scheme

-  Channel
-  Embankment
-  Benefited Land

Drainage Districts

-  Channel
-  Embankment
-  Benefited Land

Land Commission

-  Watercourse
-  Embankment
-  Benefited Land

OPW Past Flood Events

-  Single Flood Event
-  Recurring Flood Event
-  OPW Flood Extent

Soils

-  Alluvial Soils



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**Offaly CDP 2021-2027
SFRA**

**Ballinagar
OPW Preliminary Flood Risk
Assessment (PFRA)**

-  County
-  Zoning Boundary
-  Rivers & Streams
-  Lakes
-  WFD River Sub-Basins
-  Contours

*PFRA Data supplied by
Offaly County Council*

-  Fluvial 1% AEP
-  Fluvial 0.1% AEP



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Offaly CDP 2021-2027 SFRA

Ballinagar OPW Catchment Flood Risk Assessment & Management (CFRAM) Present Day Scenario

-  County
-  Zoning Boundary
-  Rivers & Streams
-  Lakes
-  WFD River Sub Basins
-  Contours

CFRAM Present Day

-  Fluvial 10% AEP
-  Fluvial 1% AEP
-  Fluvial 0.1% AEP



Offaly County Council
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**Offaly CDP 2021-2027
SFRA**

**Ballinagar
OPW Catchment Flood Risk
Assessment & Management
(CFRAM) All Scenarios**

-  County
-  Zoning Boundary
-  Rivers & Streams
-  Lakes
-  WFD River Sub-Basins
-  Contour

CFRAM All Scenarios

-  Present Day Scenario
Fluvial 0.1% AEP
-  Future Mid-Range Scenario
Fluvial 0.1% AEP
-  Future High-End Scenario
Fluvial 0.1% AEP



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Offaly CDP 2021-2027 SFRA

Ballinagar Indicative Flood Zones

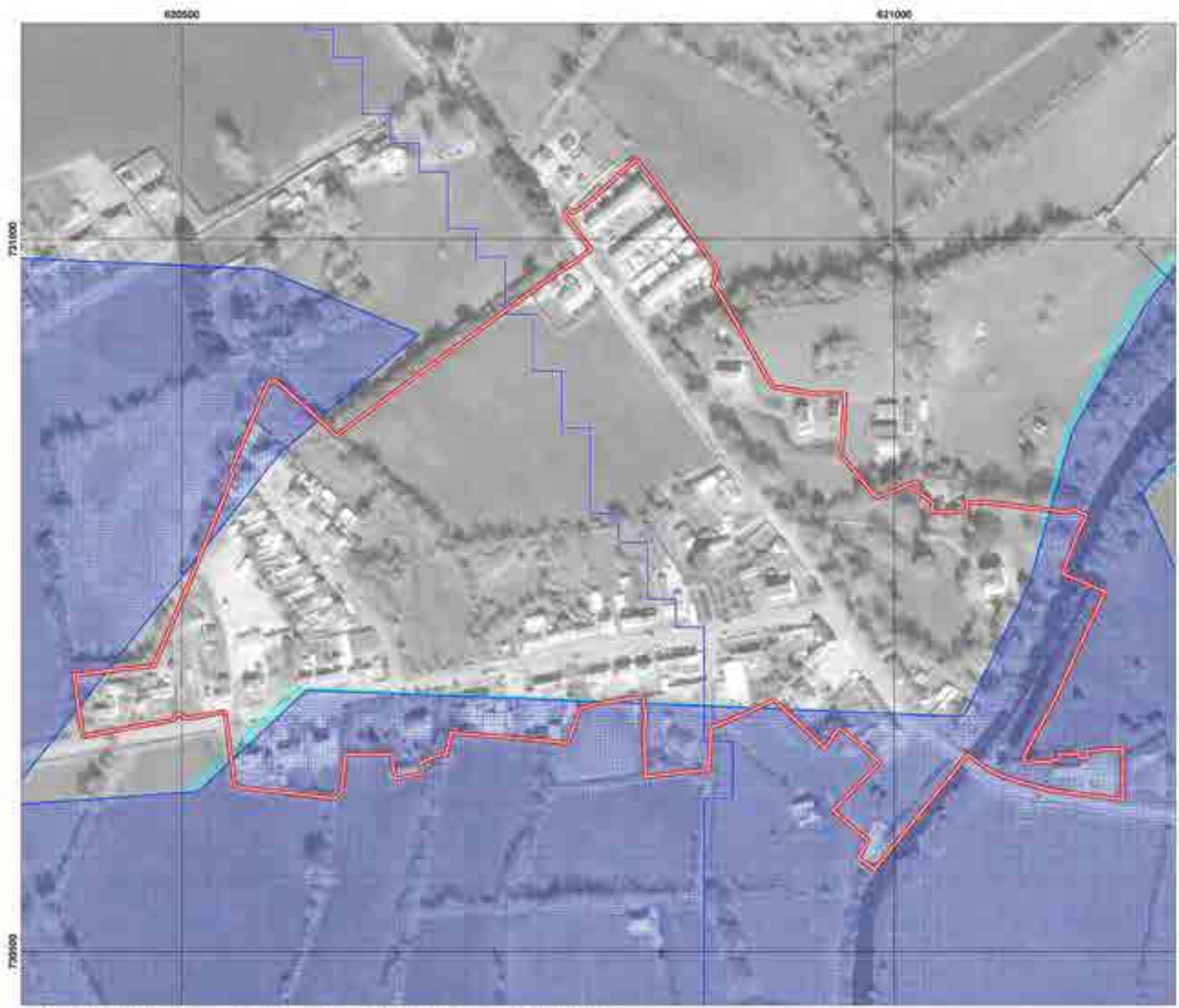
-  County
-  Zoning Boundary
-  Rivers & Streams
-  Lakes
-  WFD River Sub Basins
-  Contours

Indicative Flood Zones

-  Flood Zone A
-  Flood Zone B



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**Offaly CDP 2021-2027
SFRA**

**Ballycumber
OPW Preliminary Flood Risk
Assessment (PFRA)**

-  County
-  Zoning Boundary
-  Rivers & Streams
-  Lakes
-  WFD River Sub Basins
-  Contours

*PFRA Data supplied by
Offaly County Council*

-  Fluvial 1% AEP
-  Fluvial 0.1% AEP



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SFRA**

**Ballycumber
OPW Catchment Flood Risk
Assessment & Management
(CFRAM) Present Day
Scenario**

- County
- Zoning Boundary
- Rivers & Streams
- Lakes
- WFD River Sub Basins
- Contours

CFRAM Present Day

- Fluvial 10% AEP
- Fluvial 1% AEP
- Fluvial 0.1% AEP



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SFRA**

**Ballycumber
OPW Catchment Flood Risk
Assessment & Management
(CFRAM) All Scenarios**

- County
- Zoning Boundary
- Rivers & Streams
- Lakes
- WFD River Sub-Basins
- Contour

CFRAM All Scenarios

- Present Day Scenario
Fluvial 0.1% AEP
- Future Mid-Range Scenario
Fluvial 0.1% AEP
- Future High-End Scenario
Fluvial 0.1% AEP



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**Offaly CDP 2021-2027
SFRA**

**Ballycumber
Indicative Flood Zones**

-  County
-  Zoning Boundary
-  Rivers & Streams
-  Lakes
-  WFD River Sub-Basins
-  Contours

Indicative Flood Zones

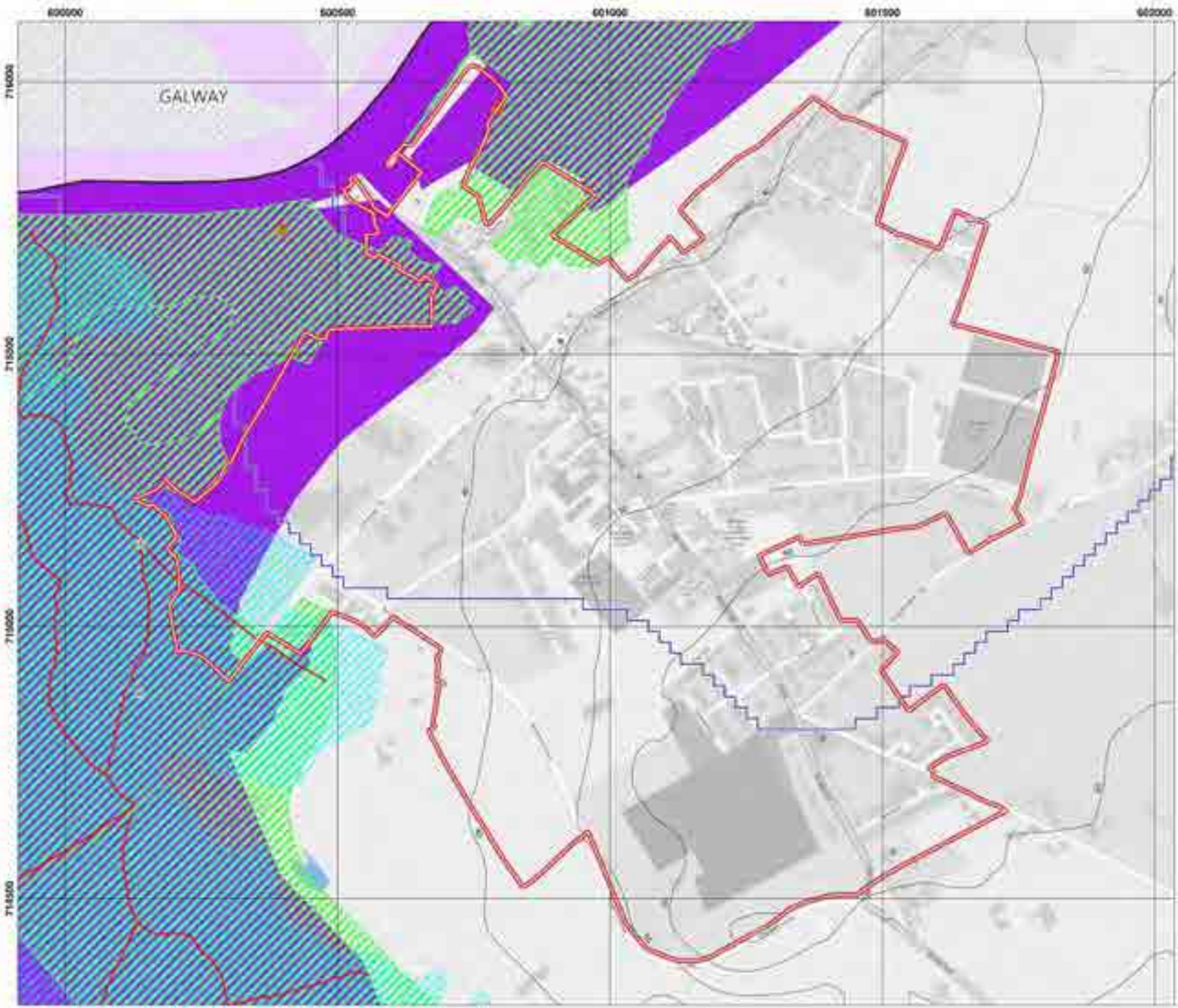
-  Flood Zone A
-  Flood Zone B



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**Offaly CDP 2021-2027
SFRA**

**Banagher
Historical Indicators**

- County
- Zoning Boundary
- Rivers & Streams
- Lakes
- WFD River Sub-Basins
- Contours

Arterial Drainage Scheme

- Channel
- Embankment
- Benefited Land

Drainage Districts

- Channel
- Embankment
- Benefited Land

Land Commission

- Watercourse
- Embankment
- Benefited Land

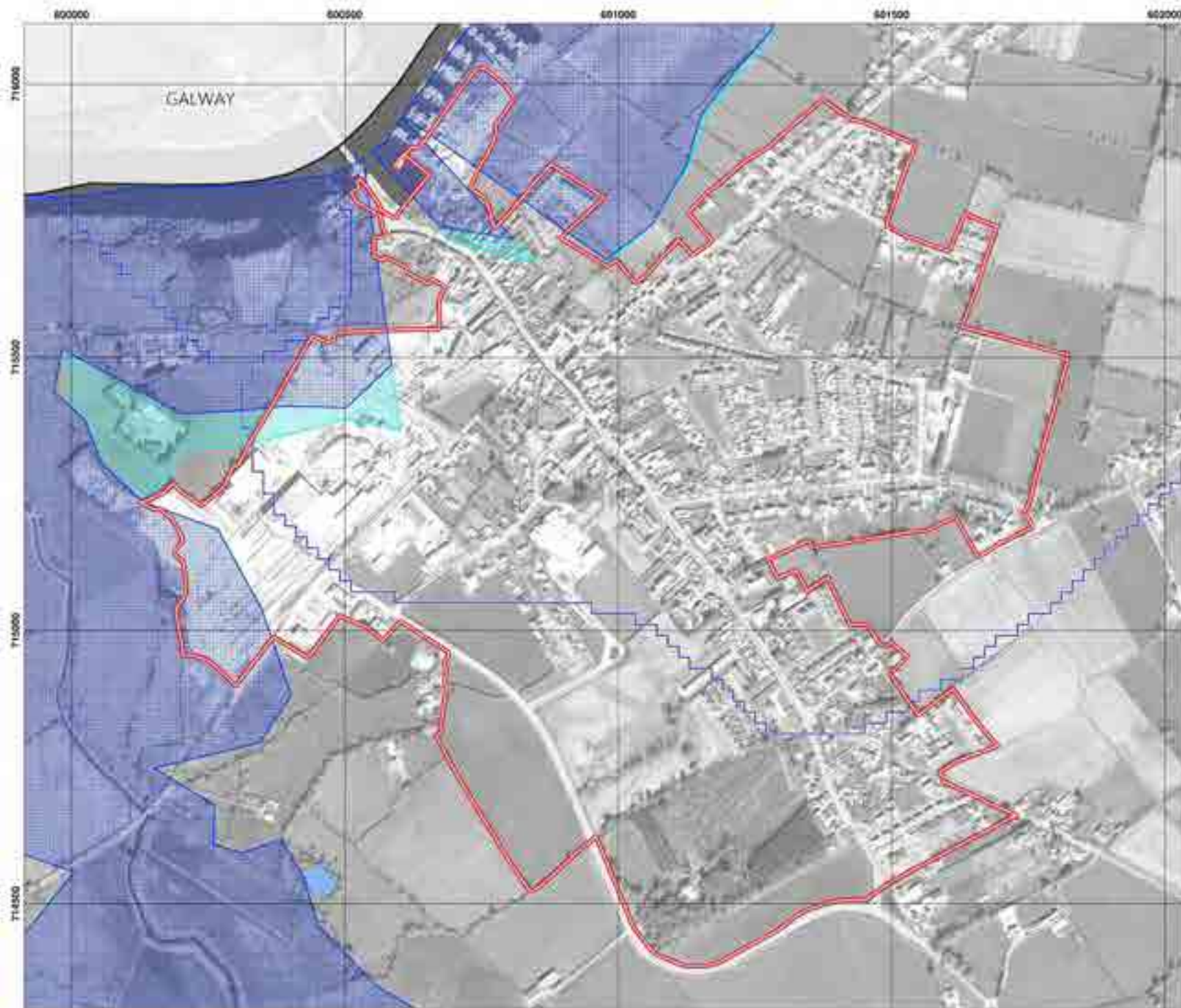
OPW Past Flood Events

- Single Flood Event
- Recurring Flood Event
- OPW Flood Extent

Soils

- Alluvial Soils





**Offaly CDP 2021-2027
SFRA**

**Banagher
OPW Preliminary Flood Risk
Assessment (PFRA)**

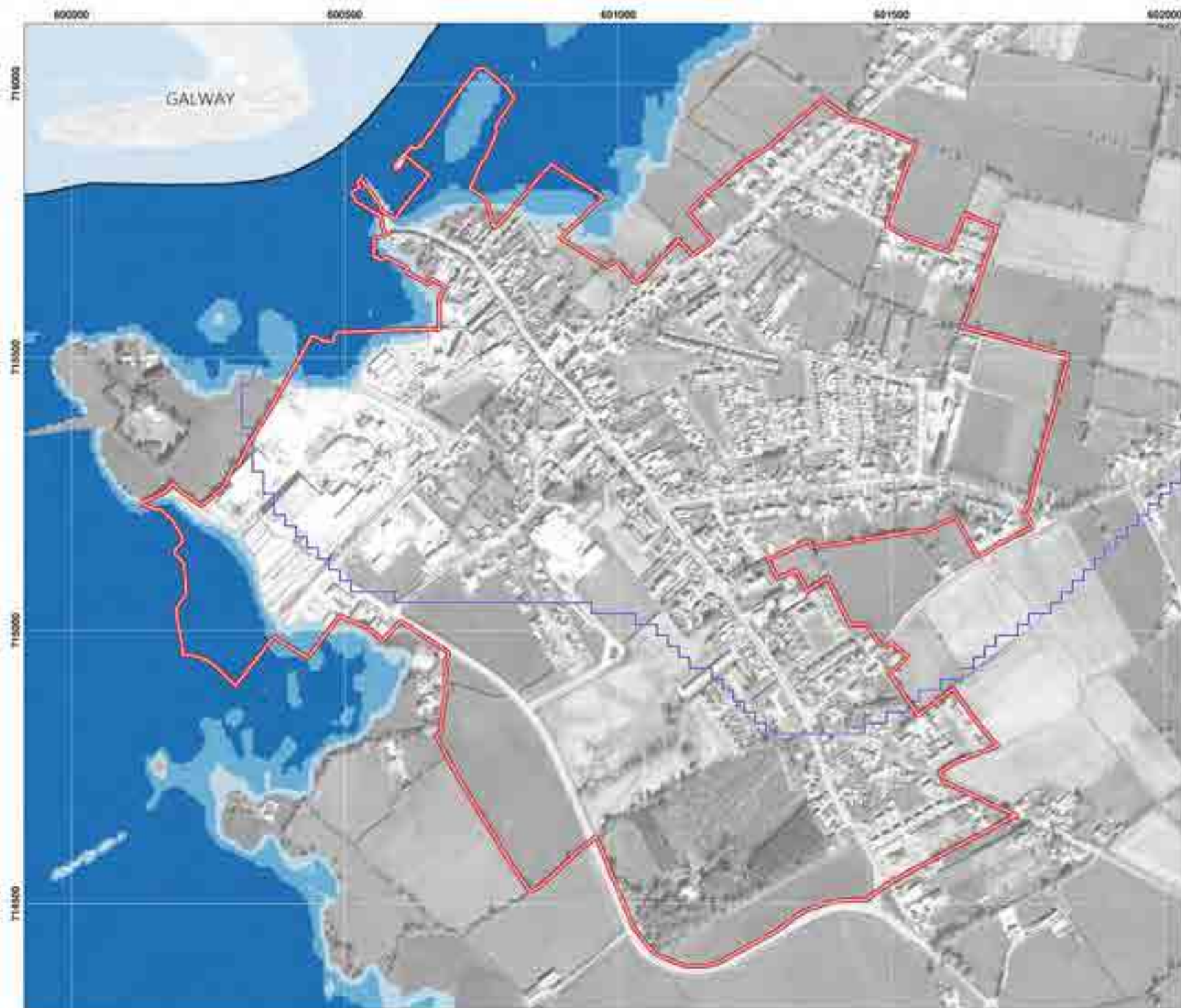
- County
- Zoning Boundary
- Rivers & Streams
- Lakes
- WFD River Sub Basins
- Contours

*PFRA Data supplied by
Offaly County Council*

- Fluvial 1% AEP
- Fluvial 0.1% AEP



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**Offaly CDP 2021-2027
SFRA**

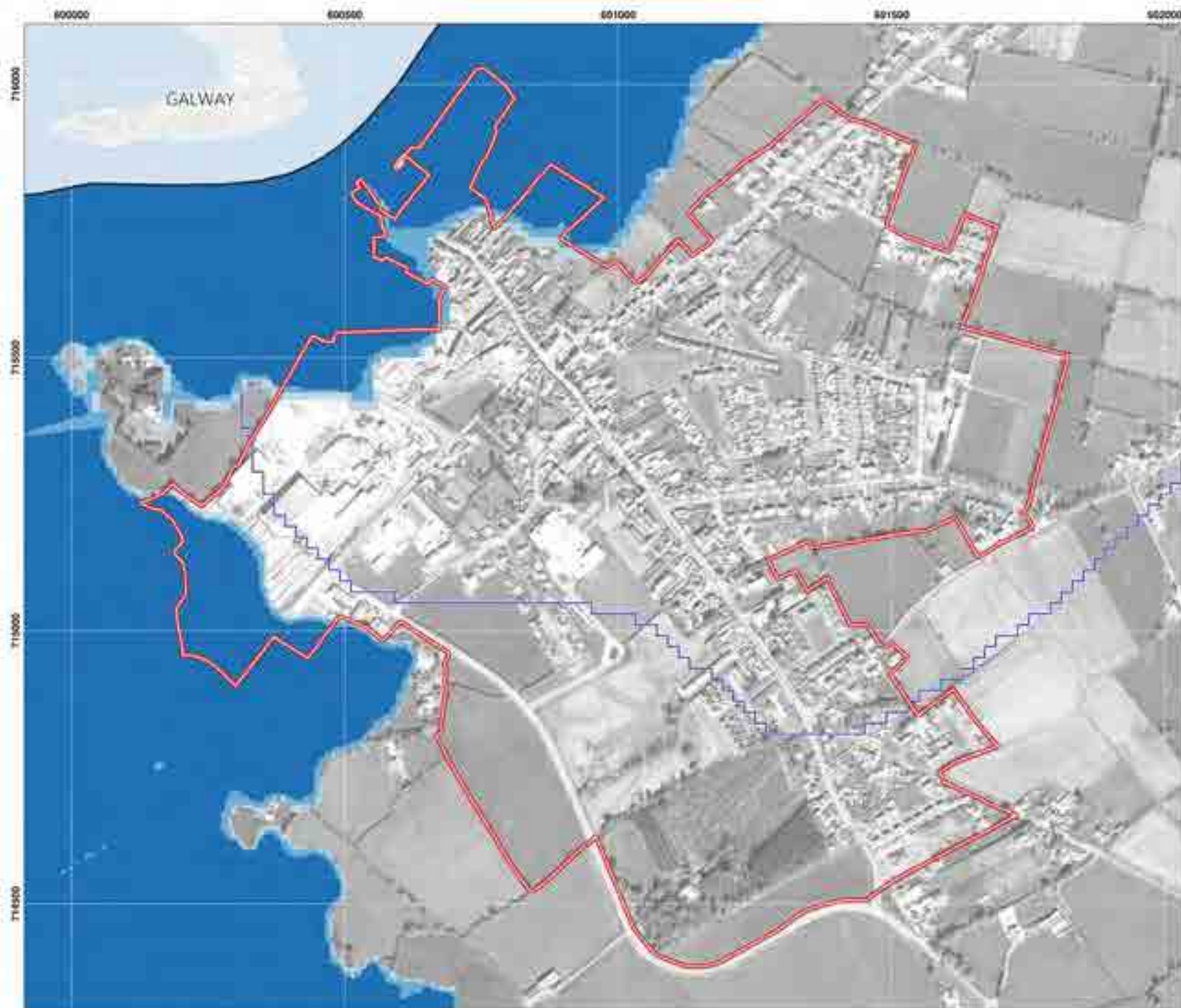
**Banagher
OPW Catchment Flood Risk
Assessment & Management
(CFRAM) Present Day
Scenario**

- County
- Zoning Boundary
- Rivers & Streams
- Lakes
- WFD River Sub Basins
- Contours

CFRAM Present Day

- Fluvial 10% AEP
- Fluvial 1% AEP
- Fluvial 0.1% AEP





**Offaly CDP 2021-2027
SFRA**

**Banagher
OPW Catchment Flood Risk
Assessment & Management
(CFRAM) All Scenarios**

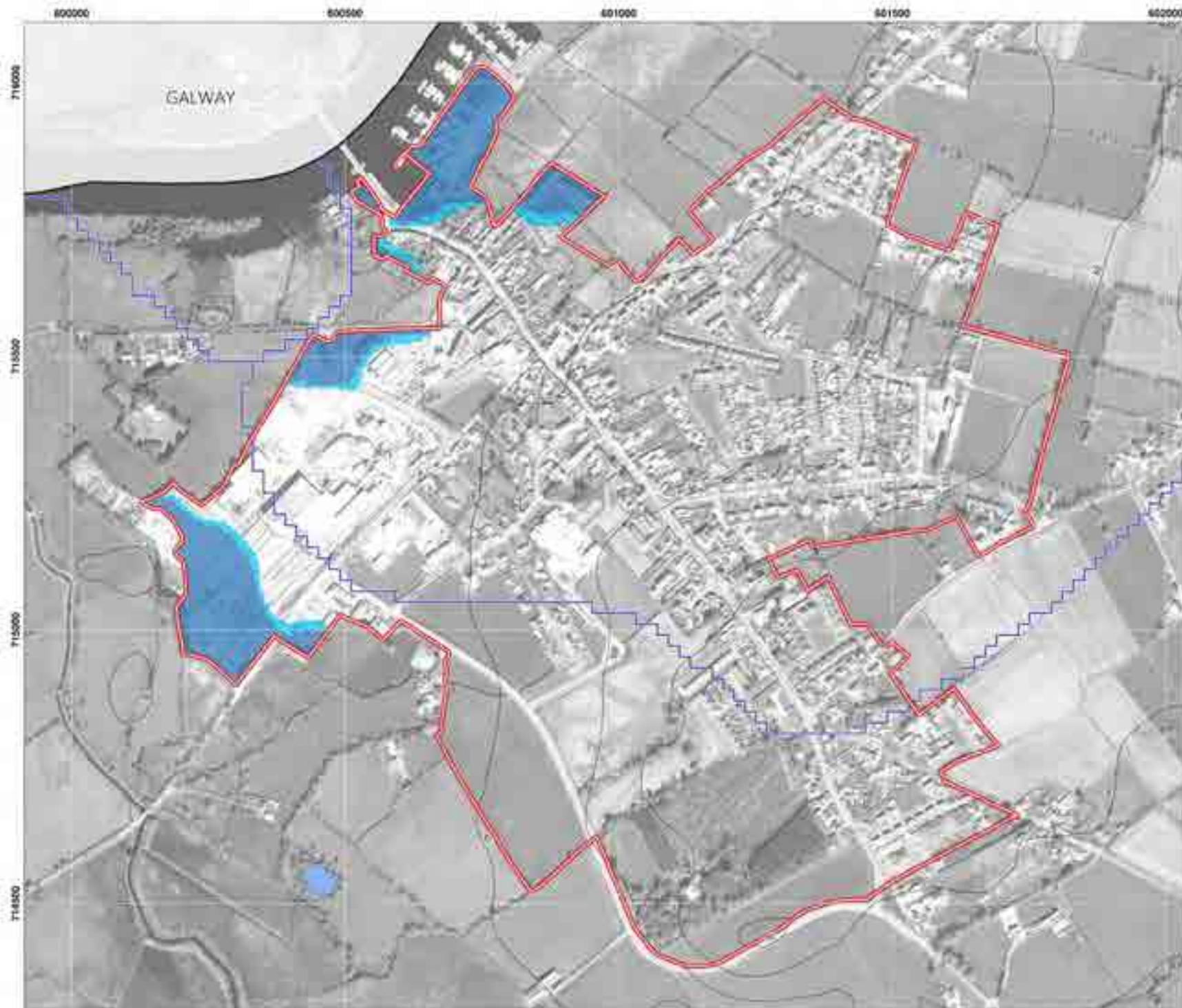
-  County
-  Zoning Boundary
-  Rivers & Streams
-  Lakes
-  WFD River Sub-Basins
-  Contours

CFRAM All Scenarios

-  Present Day Scenario
Fluvial 0.1% AEP
-  Future Mid-Range Scenario
Fluvial 0.1% AEP
-  Future High-End Scenario
Fluvial 0.1% AEP



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SFRA**

**Banagher
Indicative Flood Zones**

-  County
-  Zoning Boundary
-  Rivers & Streams
-  Lakes
-  WFD River Sub Basins
-  Contours

Indicative Flood Zones

-  Flood Zone A
-  Flood Zone B



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Belmont Historical Indicators

-  County
-  Zoning Boundary
-  Rivers & Streams
-  Lakes
-  WFD River Sub Basins
-  Contours

Arterial Drainage Scheme

-  Channel
-  Embankment
-  Benefited Land

Drainage Districts

-  Channel
-  Embankment
-  Benefited Land

Land Commission

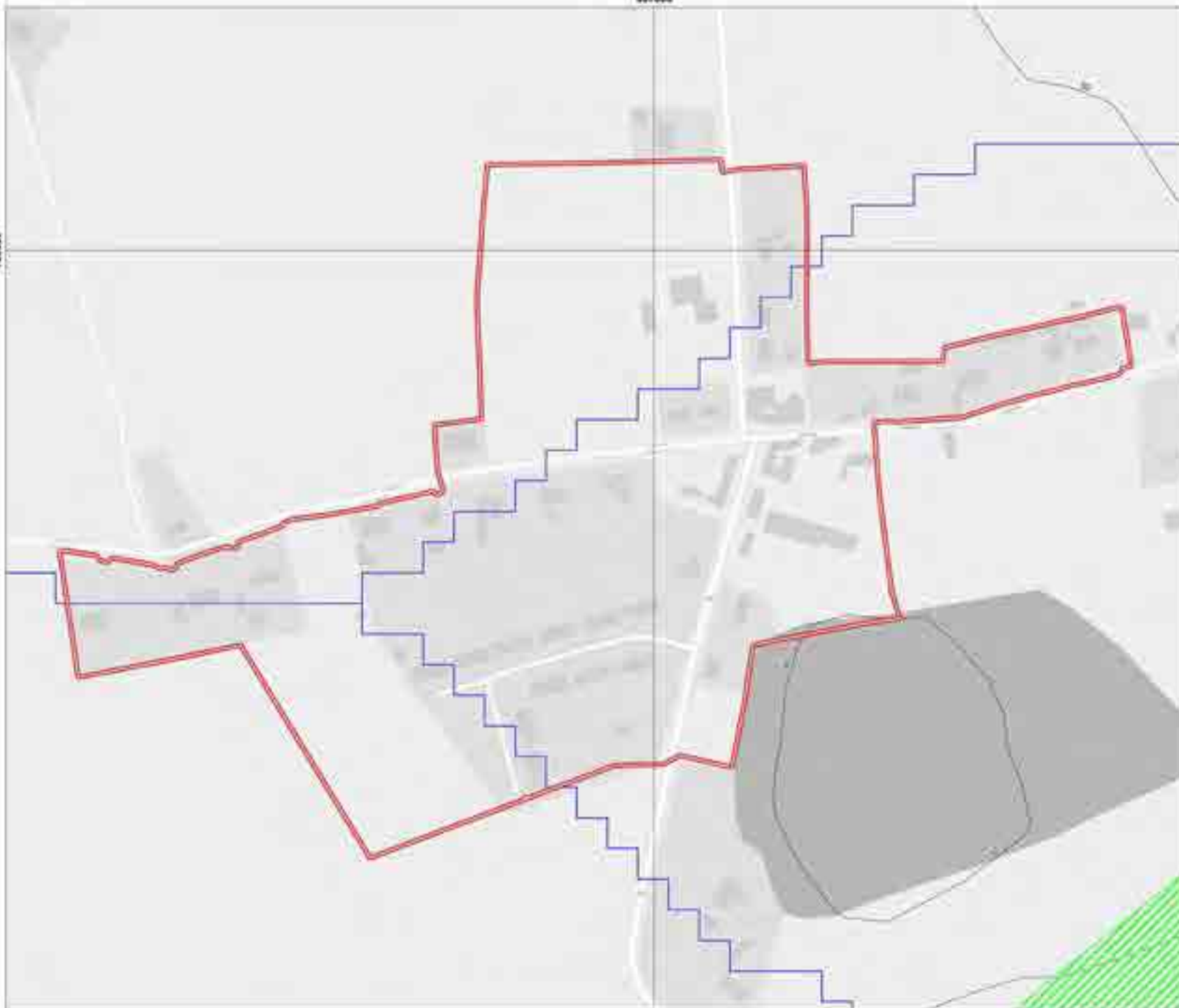
-  Watercourse
-  Embankment
-  Benefited Land

OPW Past Flood Events

-  Single Flood Event
-  Recurring Flood Event
-  OPW Flood Extent

Soils

-  Alluvial Soils



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


**Offaly CDP 2021-2027
SFRA**

**Belmont
OPW Preliminary Flood Risk
Assessment (PFRA)**

-  County
-  Zoning Boundary
-  Rivers & Streams
-  Lakes
-  WFD River Sub-Basins
-  Contours

*PFRA Data supplied by
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-  Fluvial 1% AEP
-  Fluvial 0.1% AEP



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**Offaly CDP 2021-2027
SFRA**

**Belmont
OPW Catchment Flood Risk
Assessment & Management
(CFRAM) Present Day
Scenario**

- County
- Zoning Boundary
- Rivers & Streams
- Lakes
- WFD River Sub-Basins
- Contours

CFRAM Present Day

- Fluvial 10% AEP
- Fluvial 1% AEP
- Fluvial 0.1% AEP



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SFRA**

**Belmont
OPW Catchment Flood Risk
Assessment & Management
(CFRAM) All Scenarios**

- County
- Zoning Boundary
- Rivers & Streams
- Lakes
- WFD River Sub-Basins
- Contours

CFRAM All Scenarios

- Present Day Scenario
Fluvial 0.1% AEP
- Future Mid-Range Scenario
Fluvial 0.1% AEP
- Future High-End Scenario
Fluvial 0.1% AEP



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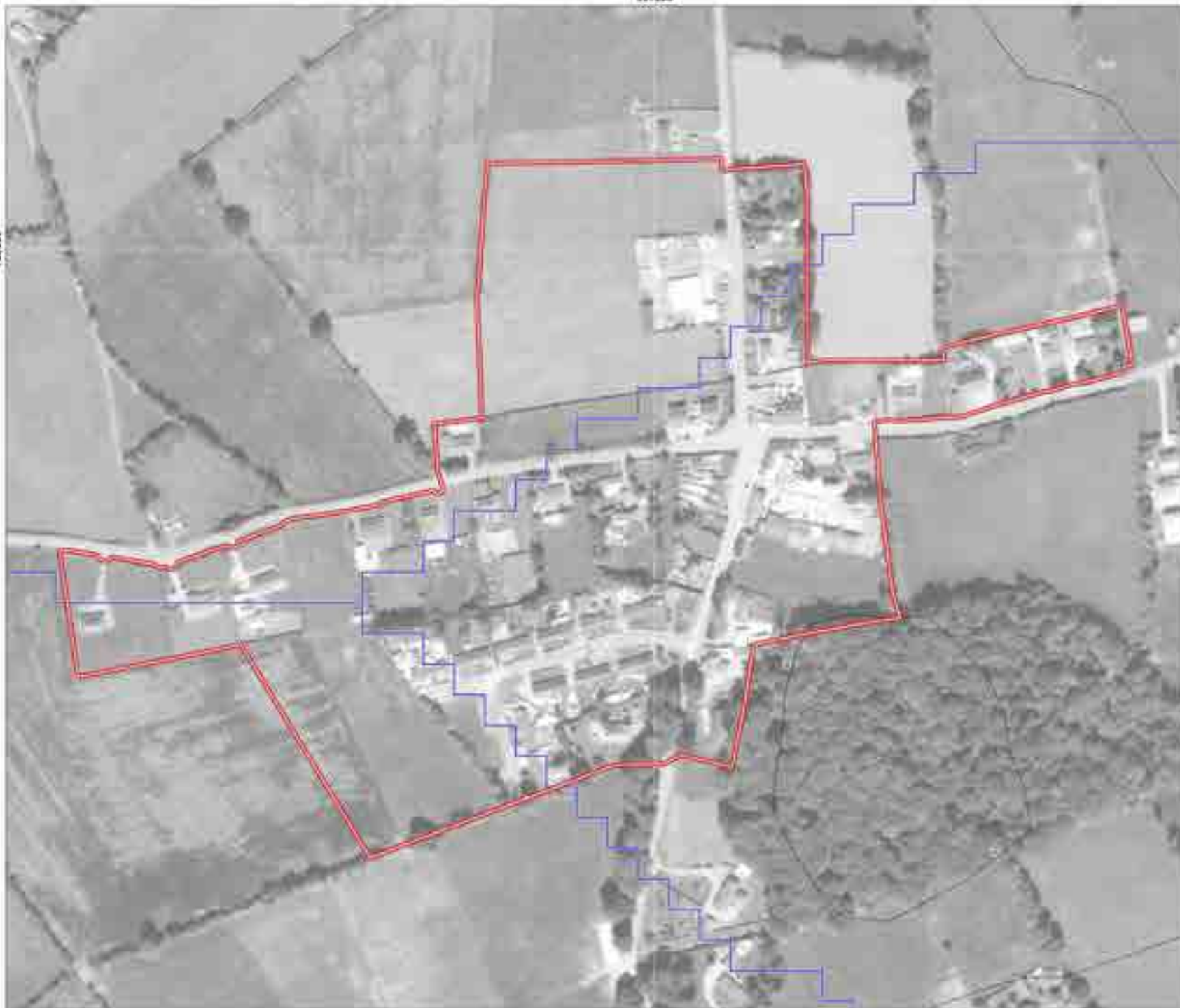
Offaly CDP 2021-2027 SFRA

Belmont Indicative Flood Zones

-  County
-  Zoning Boundary
-  Rivers & Streams
-  Lakes
-  WFD River Sub Basins
-  Contours

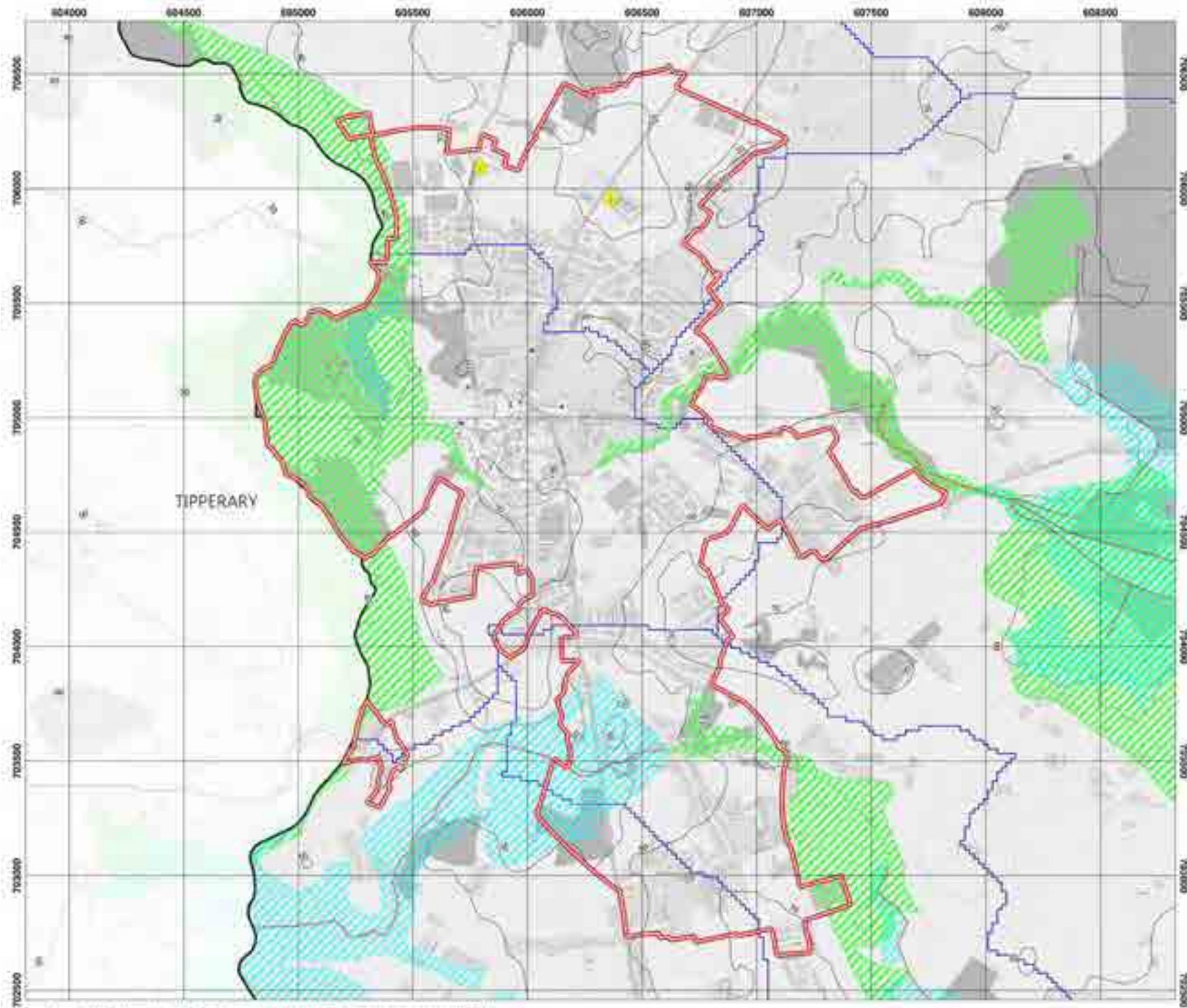
Indicative Flood Zones

-  Flood Zone A
-  Flood Zone B



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Birr Historical Indicators

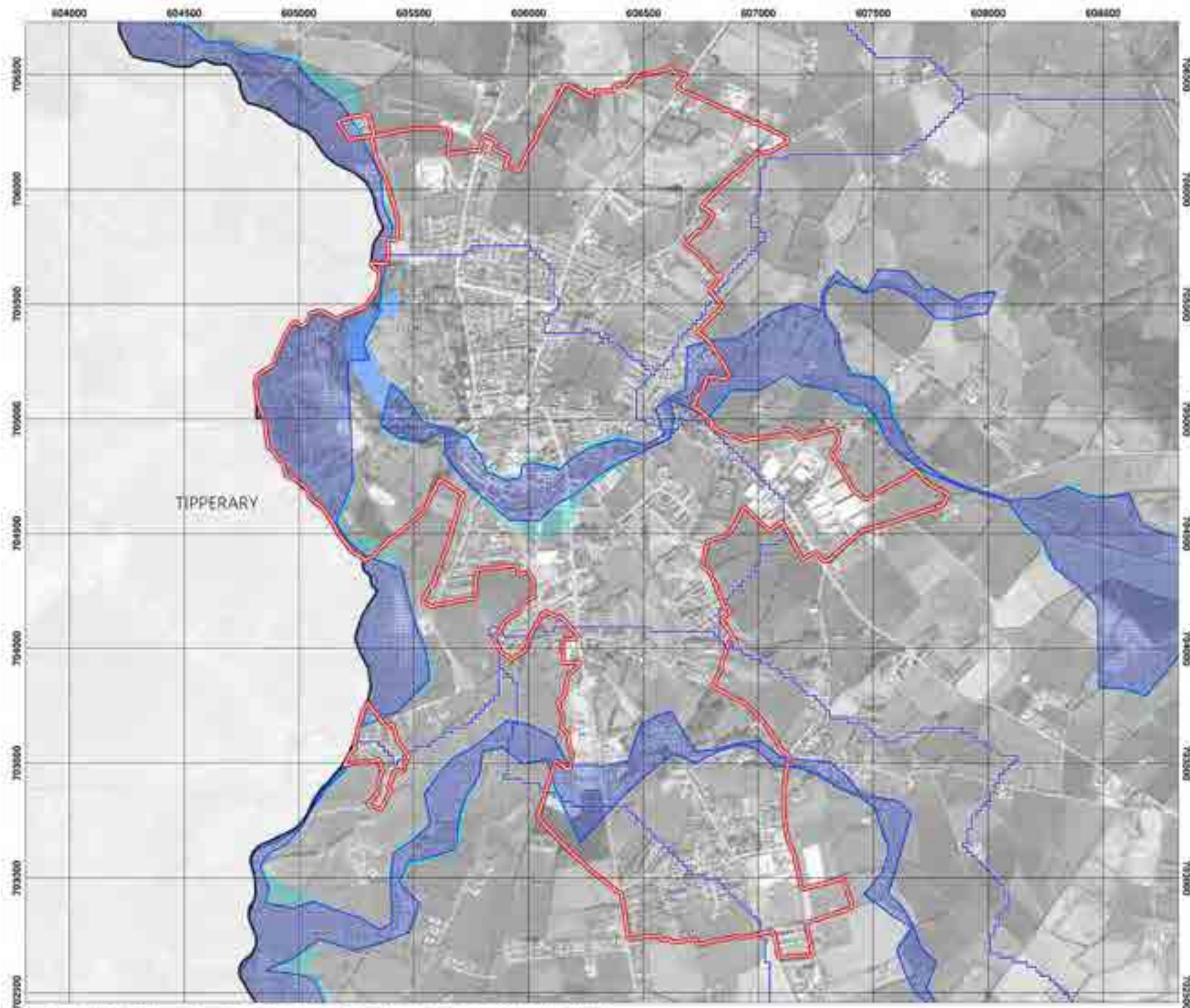


- County
- Zoning Boundary
- Rivers & Streams
- Lakes
- WFD River Sub-Basins
- Contours
- Arterial Drainage Scheme**
- Channel
- Embankment
- Benefited Land
- Drainage Districts**
- Channel
- Embankment
- Benefited Land
- Land Commission**
- Watercourse
- Embankment
- Benefited Land
- OPW Past Flood Events**
- Single Flood Event
- Recurring Flood Event
- OPW Flood Extent
- Soils**
- Alluvial Soils



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


**Offaly CDP 2021-2027
SFRA**

**Birr
OPW Preliminary Flood Risk
Assessment (PFRA)**

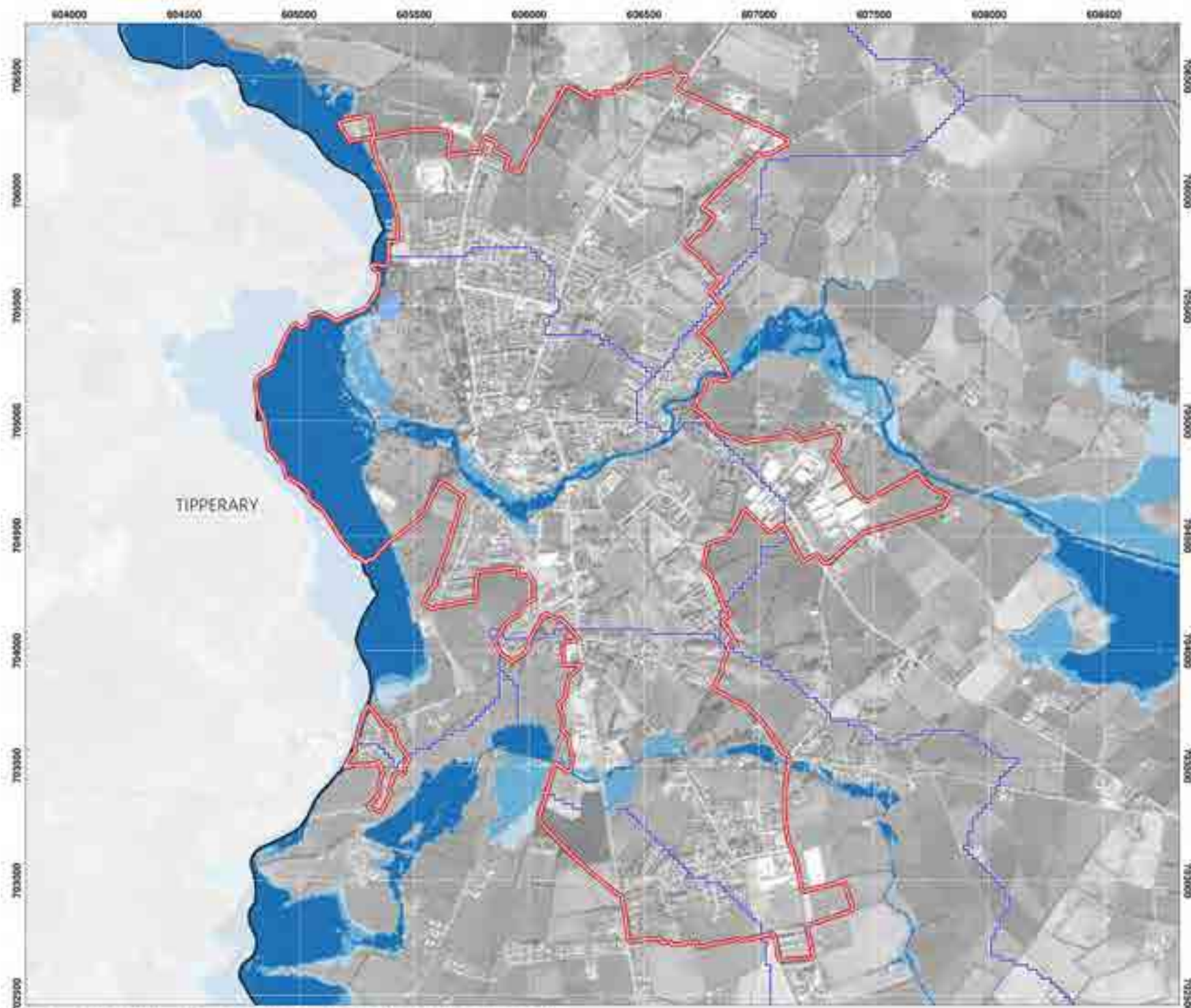
-  County
-  Zoning Boundary
-  Rivers & Streams
-  Lakes
-  WFD River Sub Basins
-  Contours

*PFRA Data supplied by
Offaly County Council*

-  Fluvial 1% AEP
-  Fluvial 0.1% AEP



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Birr
OPW Catchment Flood Risk
Assessment & Management
(CFRAM) Present Day
Scenario

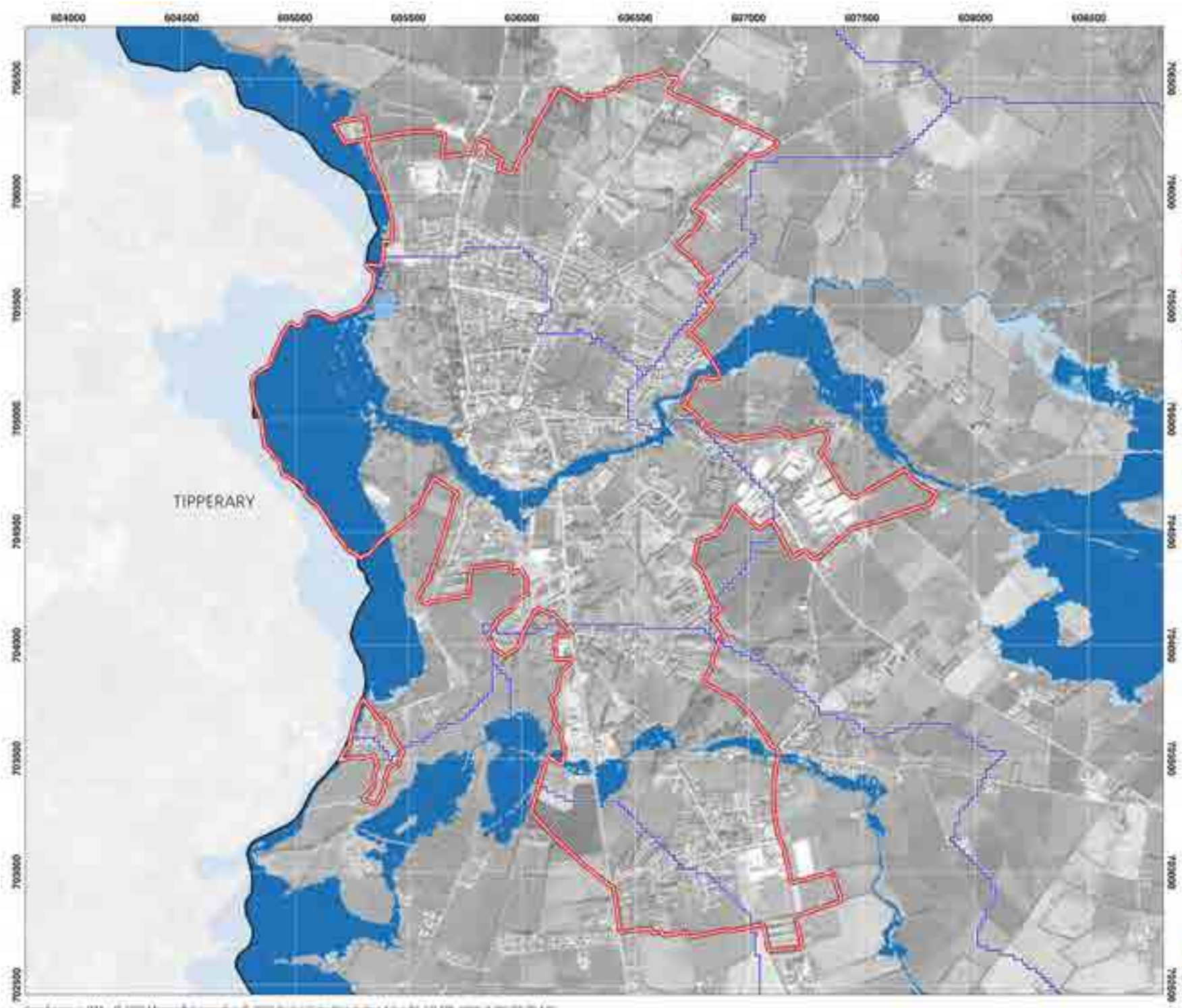
-  County
-  Zoning Boundary
-  Rivers & Streams
-  Lakes
-  WFD River Sub-Basins
-  Contours

CFRAM Present Day

-  Fluvial 10% AEP
-  Fluvial 1% AEP
-  Fluvial 0.1% AEP






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Comhairle Chontae Uíbh Rátha



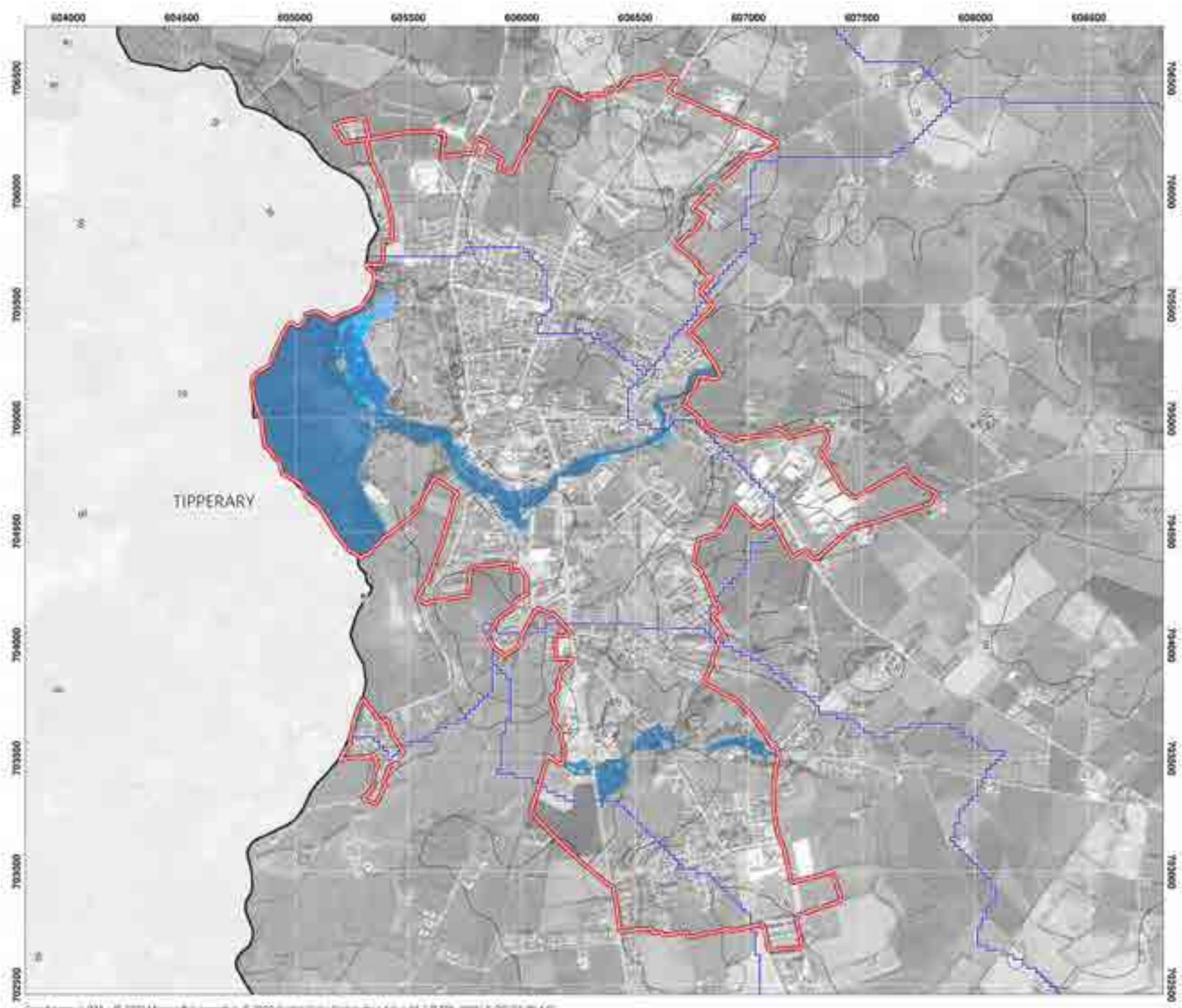
**Offaly CDP 2021-2027
SFRA**

**Birr
OPW Catchment Flood Risk
Assessment & Management
(CFRAM) All Scenarios**

-  County
-  Zoning Boundary
-  Rivers & Streams
-  Lakes
-  WFD River Sub-Basins
-  Contours

- CFRAM All Scenarios**
-  Present Day Scenario
Fluvial 0.1% AEP
 -  Future Mid-Range Scenario
Fluvial 0.1% AEP
 -  Future High-End Scenario
Fluvial 0.1% AEP





**Offaly CDP 2021-2027
SFRA**

**Birr
Indicative Flood Zones**

-  County
-  Zoning Boundary
-  Rivers & Streams
-  Lakes
-  WFD River Sub Basins
-  Contours

Indicative Flood Zones

-  Flood Zone A
-  Flood Zone B



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**Offaly CDP 2021-2027
SFRA**

**Bracknagh
OPW Preliminary Flood Risk
Assessment (PFRA)**

-  County
-  Zoning Boundary
-  Rivers & Streams
-  Lakes
-  WFD River Sub-Basins
-  Contours

*PFRA Data supplied by
Offaly County Council*

-  Fluvial 1% AEP
-  Fluvial 0.1% AEP



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**Offaly CDP 2021-2027
SFRA**

**Bracknagh
OPW Catchment Flood Risk
Assessment & Management
(CFRAM) Present Day
Scenario**

-  County
-  Zoning Boundary
-  Rivers & Streams
-  Lakes
-  WFD River Sub Basins
-  Contours

CFRAM Present Day

-  Fluvial 10% AEP
-  Fluvial 1% AEP
-  Fluvial 0.1% AEP



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**Offaly CDP 2021-2027
SFRA**

**Bracknagh
OPW Catchment Flood Risk
Assessment & Management
(CFRAM) All Scenarios**

-  County
-  Zoning Boundary
-  Rivers & Streams
-  Lakes
-  WFD River Sub-Basins
-  Contour

CFRAM All Scenarios

-  Present Day Scenario
Fluvial 0.1% AEP
-  Future Mid-Range Scenario
Fluvial 0.1% AEP
-  Future High-End Scenario
Fluvial 0.1% AEP



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Comhairle Chontae Uíbh Rátha

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**Offaly CDP 2021-2027
SFRA**

**Bracknagh
Indicative Flood Zones**

-  County
-  Zoning Boundary
-  Rivers & Streams
-  Lakes
-  WFD River Sub-Basins
-  Contours

Indicative Flood Zones

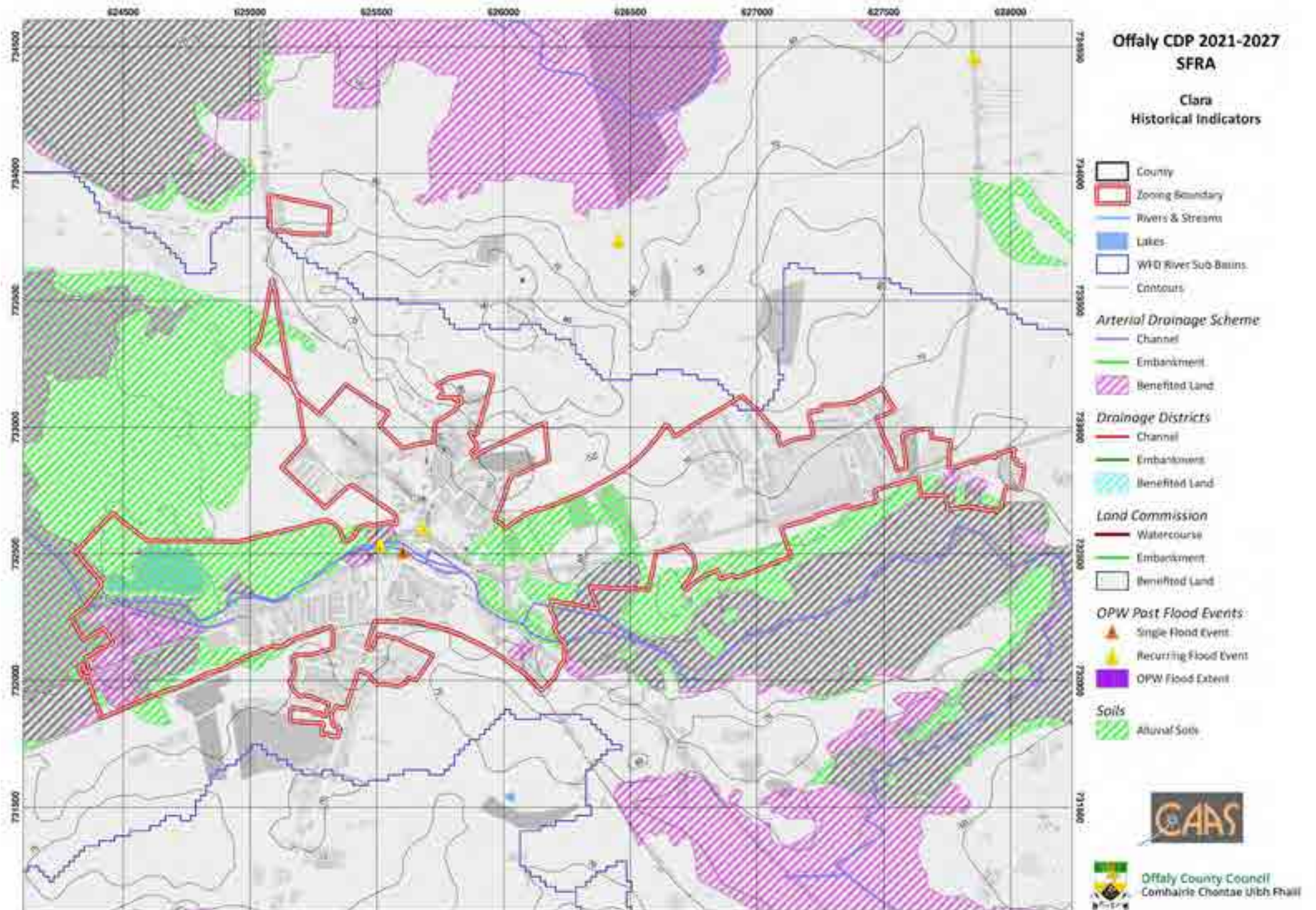
-  Flood Zone A
-  Flood Zone B



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Offaly CDP 2021-2027 SFRA

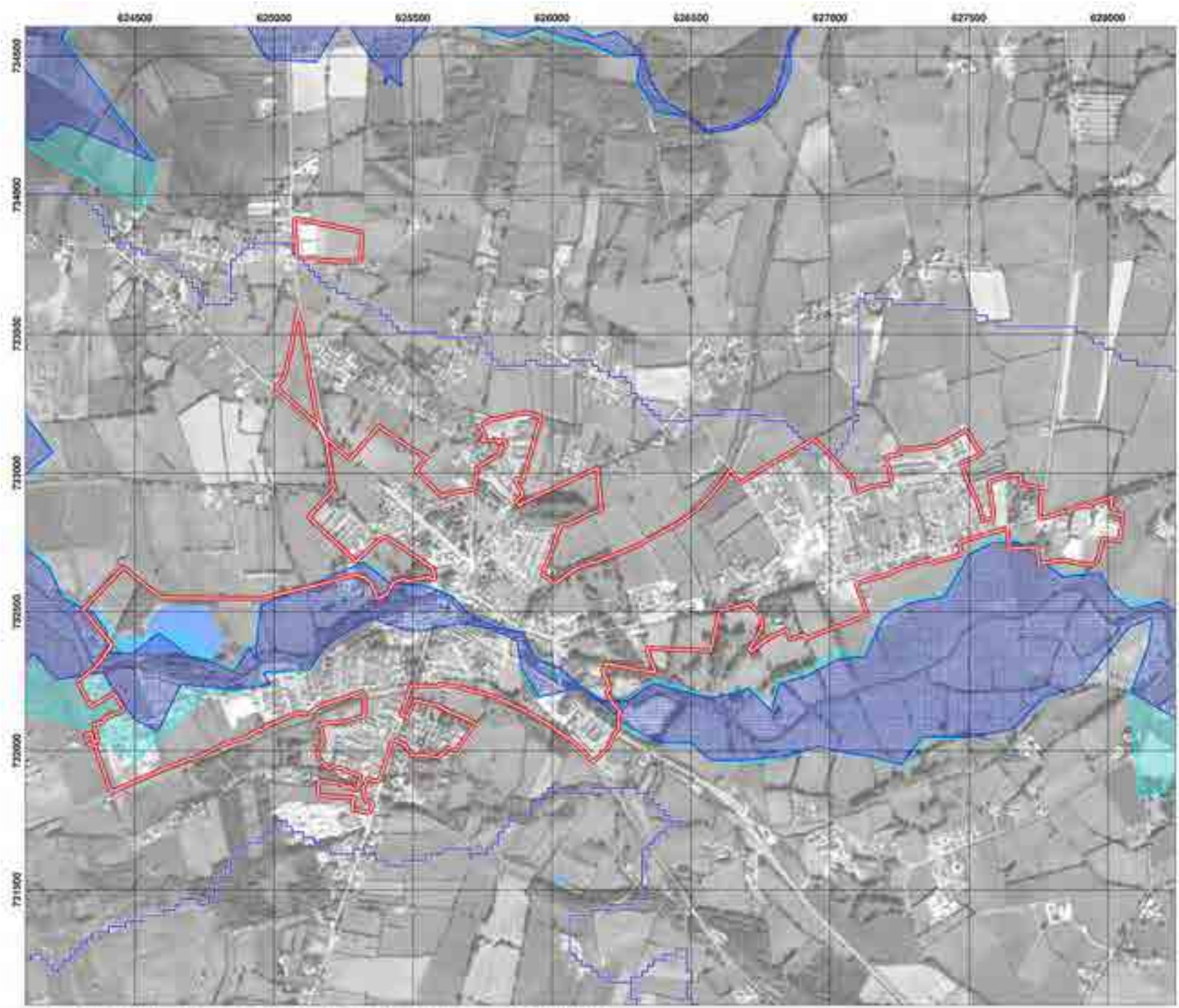
Clara Historical Indicators



- County
- Zoning Boundary
- Rivers & Streams
- Lakes
- WFD River Sub-Basins
- Contours
- Arterial Drainage Scheme**
 - Channel
 - Embankment
 - Benefited Land
- Drainage Districts**
 - Channel
 - Embankment
 - Benefited Land
- Land Commission**
 - Watercourse
 - Embankment
 - Benefited Land
- OPW Past Flood Events**
 - Single Flood Event
 - Recurring Flood Event
 - OPW Flood Extent
- Soils**
 - Alluvial Soils



Source: Ordnance Survey (OS) 2015, Ordnance Survey (OS) 2015, Ordnance Survey (OS) 2015, Ordnance Survey (OS) 2015, Ordnance Survey (OS) 2015



**Offaly CDP 2021-2027
SFRA**

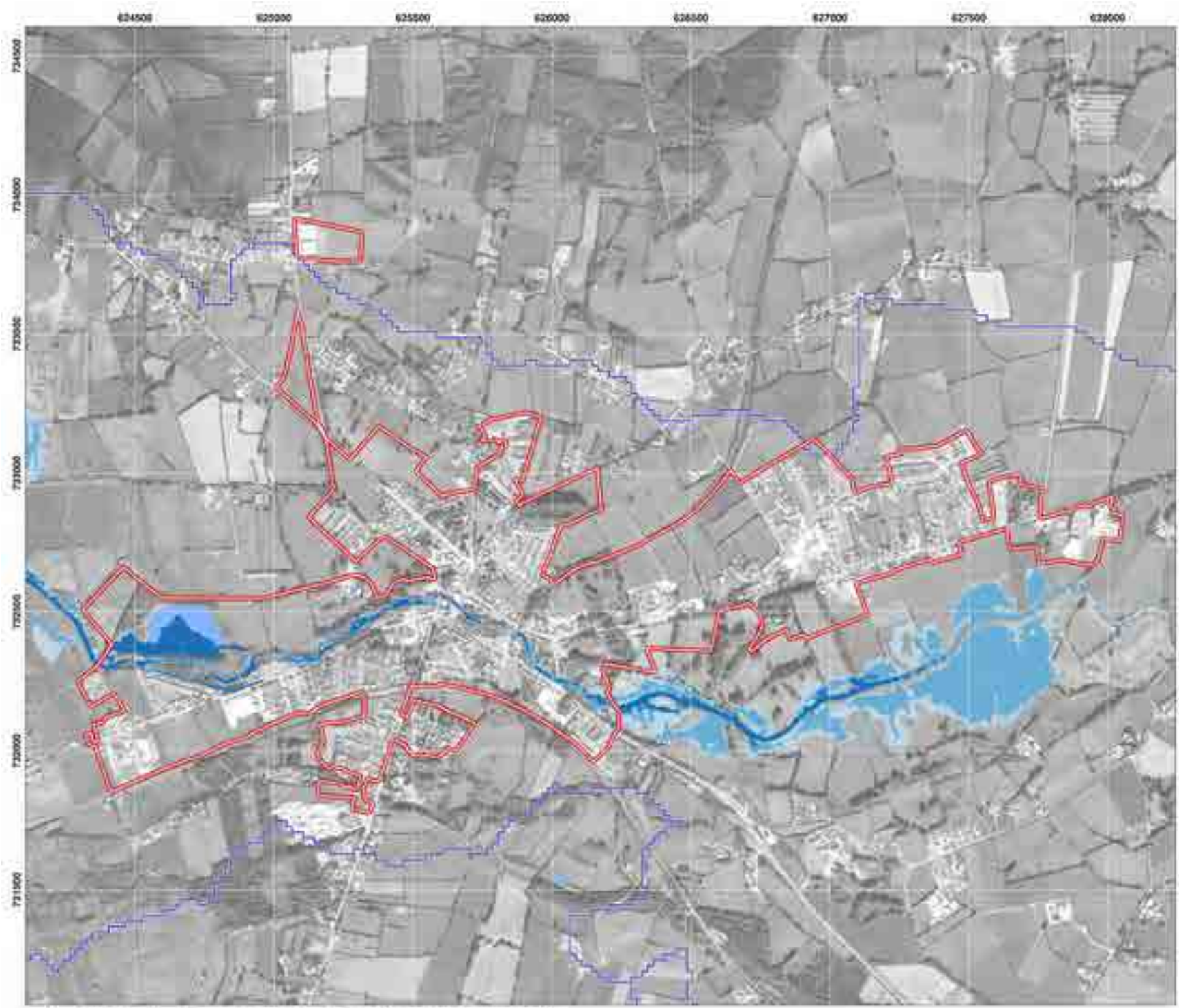
**Clara
OPW Preliminary Flood Risk
Assessment (PFRA)**

-  County
-  Zoning Boundary
-  Rivers & Streams
-  Lakes
-  WFD River Sub Basins
-  Contours

*PFRA Data supplied by
Offaly County Council*

-  Fluvial 1% AEP
-  Fluvial 0.1% AEP





**Offaly CDP 2021-2027
SFRA**

**Clara
OPW Catchment Flood Risk
Assessment & Management
(CFRAM) Present Day
Scenario**

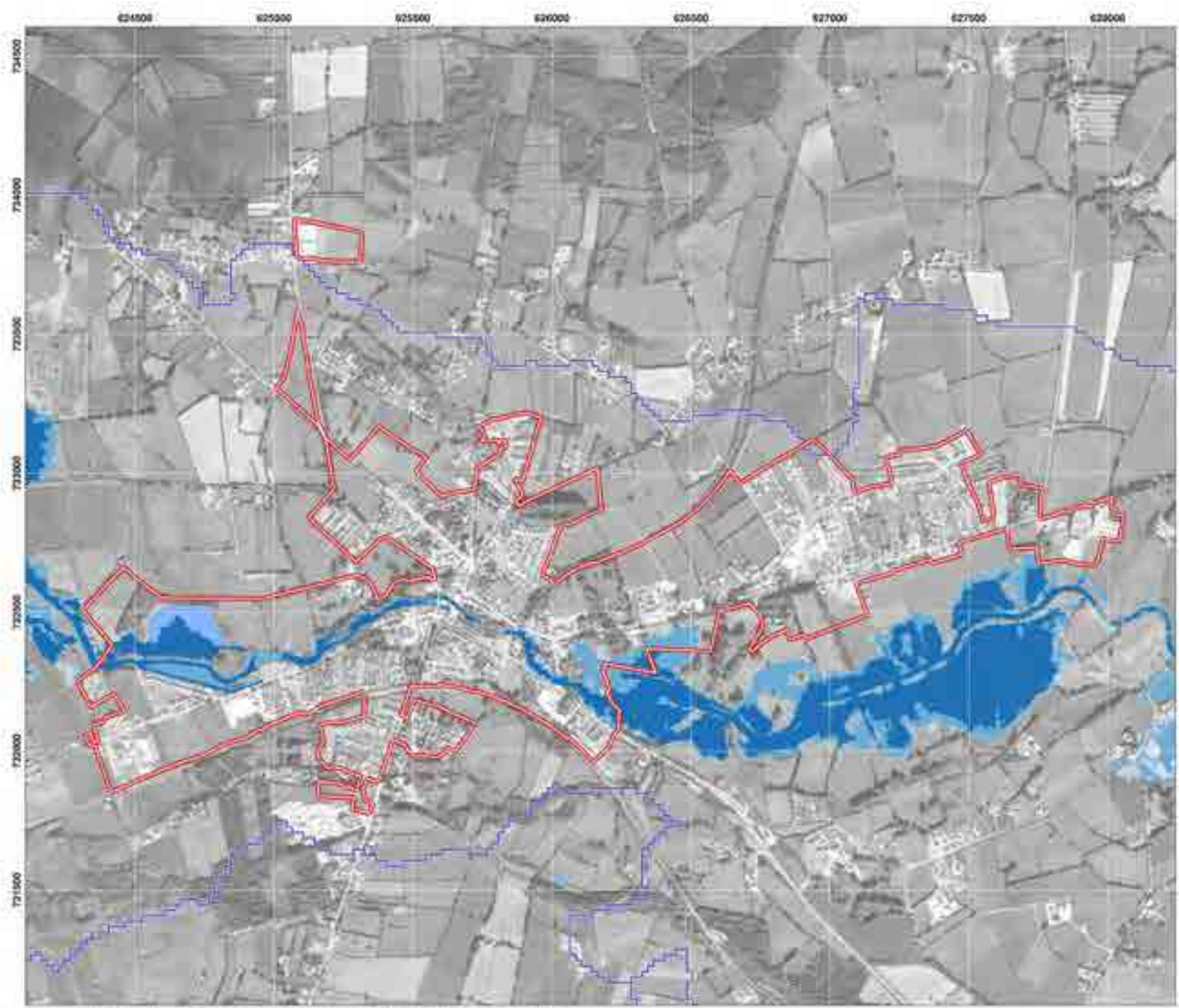
- County
- Zoning Boundary
- Rivers & Streams
- Lakes
- WFD River Sub-Basins
- Contours

CFRAM Present Day

- Fluvial 10% AEP
- Fluvial 1% AEP
- Fluvial 0.1% AEP



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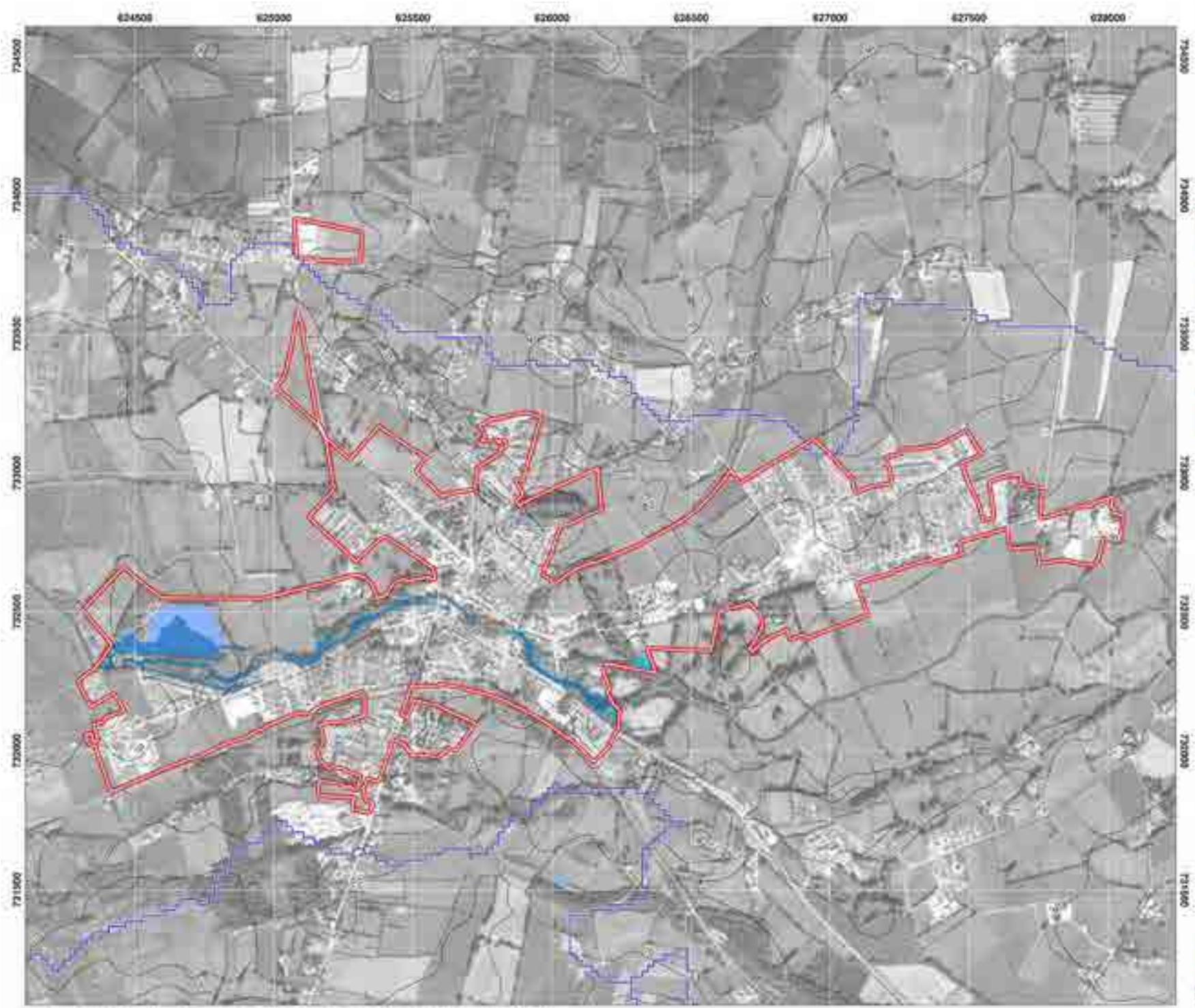
**Offaly CDP 2021-2027
SFRA**

**Clara
OPW Catchment Flood Risk
Assessment & Management
(CFRAM) All Scenarios**

- County
- Zoning Boundary
- Rivers & Streams
- Lakes
- WFD River Sub-Basins
- Contours

- CFRAM All Scenarios**
- Present Day Scenario
Fluvial 0.1% AEP
 - Future Mid-Range Scenario
Fluvial 0.1% AEP
 - Future High-End Scenario
Fluvial 0.1% AEP





**Offaly CDP 2021-2027
SFRA**

**Clara
Indicative Flood Zones**

-  County
 -  Zoning Boundary
 -  Rivers & Streams
 -  Lakes
 -  WFD River Sub Basins
 -  Contours
- Indicative Flood Zones*
-  Flood Zone A
 -  Flood Zone B



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Offaly CDP 2021-2027 SFRA

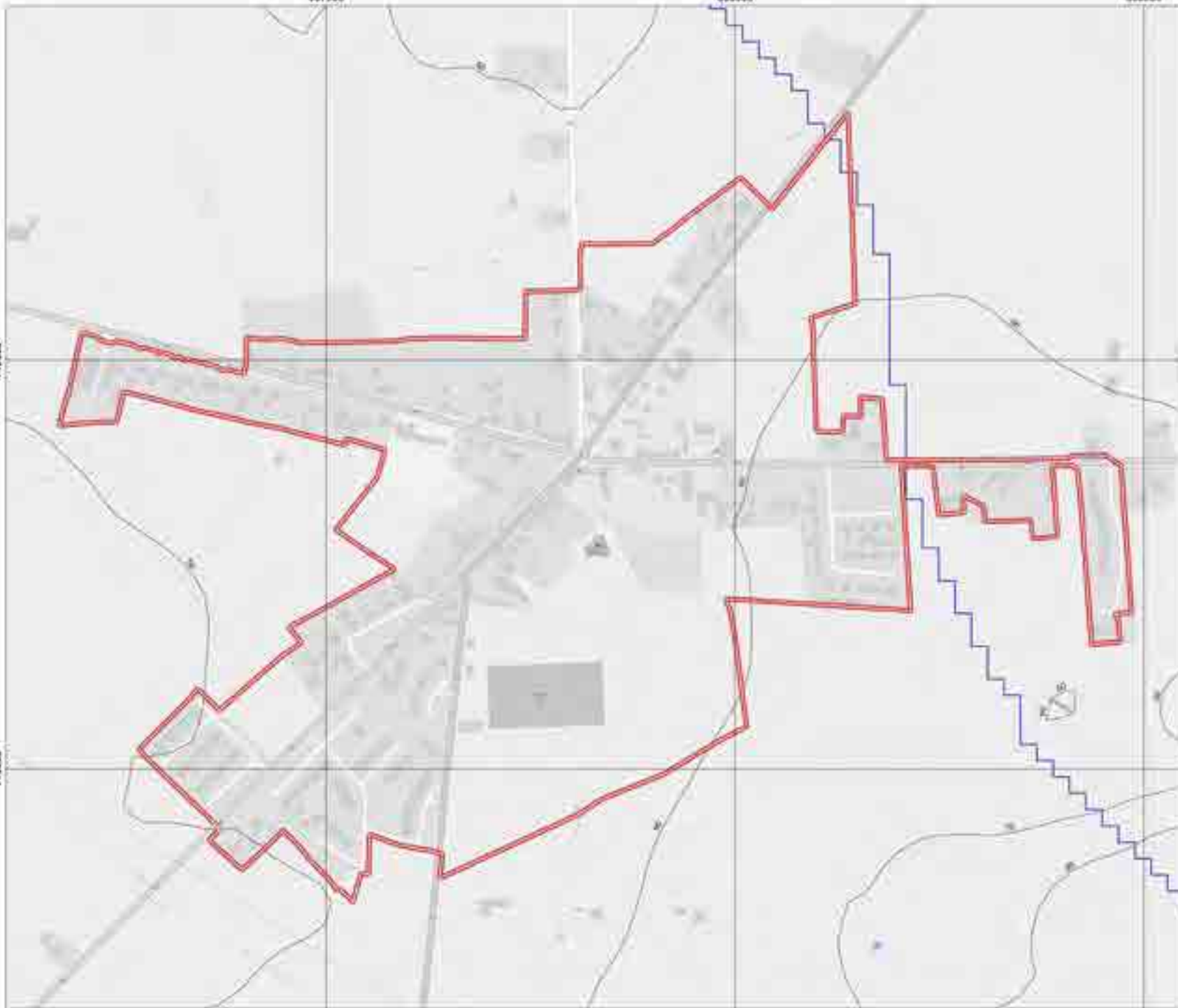
Cloghan Historical Indicators

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- County
- Zoning Boundary
- Rivers & Streams
- Lakes
- WFD River Sub Basins
- Contours

Arterial Drainage Scheme

- Channel
- Embankment
- Benefited Land

Drainage Districts

- Channel
- Embankment
- Benefited Land

Land Commission

- Watercourse
- Embankment
- Benefited Land

OPW Past Flood Events

- Single Flood Event
- Recurring Flood Event
- OPW Flood Extent

Soils

- Alluvial Soils



Offaly County Council
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**Offaly CDP 2021-2027
SFRA**

**Cloghan
OPW Preliminary Flood Risk
Assessment (PFRA)**

-  County
-  Zoning Boundary
-  Rivers & Streams
-  Lakes
-  WFD River Sub-Basins
-  Contours

*PFRA Data supplied by
Offaly County Council*

-  Fluvial 1% AEP
-  Fluvial 0.1% AEP



Offaly County Council
Comhairle Chontae Uíbh Rátha

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**Offaly CDP 2021-2027
SFRA**

**Cloghan
OPW Catchment Flood Risk
Assessment & Management
(CFRAM) Present Day
Scenario**

-  County
-  Zoning Boundary
-  Rivers & Streams
-  Lakes
-  WFD River Sub Basins
-  Contours

CFRAM Present Day

-  Fluvial 10% AEP
-  Fluvial 1% AEP
-  Fluvial 0.1% AEP



Offaly County Council
Comhairle Chontae Uíbh Rátha

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**Offaly CDP 2021-2027
SFRA**

**Cloghan
OPW Catchment Flood Risk
Assessment & Management
(CFRAM) All Scenarios**

-  County
-  Zoning Boundary
-  Rivers & Streams
-  Lakes
-  WFD River Sub-Basins
-  Contour

CFRAM All Scenarios

-  Present Day Scenario
Fluvial 0.1% AEP
-  Future Mid-Range Scenario
Fluvial 0.1% AEP
-  Future High-End Scenario
Fluvial 0.1% AEP



Offaly County Council
Comhairle Chontae Uíbh Rátha

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**Offaly CDP 2021-2027
SFRA**

**Cloghan
Indicative Flood Zones**

-  County
-  Zoning Boundary
-  Rivers & Streams
-  Lakes
-  WFD River Sub Basins
-  Contours

Indicative Flood Zones

-  Flood Zone A
-  Flood Zone B



Offaly County Council
Comhairle Chontae Uíbh Fhailí

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**Offaly CDP 2021-2027
SFRA**




**Clonbullogue
Historical Indicators**

-  County
-  Zoning Boundary
-  Rivers & Streams
-  Lakes
-  WFD River Sub-Basins
-  Contours

Arterial Drainage Scheme

-  Channel
-  Embankment
-  Benefited Land

Drainage Districts

-  Channel
-  Embankment
-  Benefited Land

Land Commission

-  Watercourse
-  Embankment
-  Benefited Land

OPW Past Flood Events

-  Single Flood Event
-  Recurring Flood Event
-  OPW Flood Extent

Soils

-  Alluvial Soils



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**Offaly CDP 2021-2027
SFRA**

**Clonbullogue
OPW Preliminary Flood Risk
Assessment (PFRA)**

-  County
-  Zoning Boundary
-  Rivers & Streams
-  Lakes
-  WFD River Sub Basins
-  Contours

*PFRA Data supplied by
Offaly County Council*

-  Fluvial 1% AEP
-  Fluvial 0.1% AEP



Offaly County Council
Comhairle Chontae Uíbh Rátha

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**Offaly CDP 2021-2027
SFRA**

**Clonbullogue
OPW Catchment Flood Risk
Assessment & Management
(CFRAM) Present Day
Scenario**

-  County
-  Zoning Boundary
-  Rivers & Streams
-  Lakes
-  WFD River Sub Basins
-  Contours

CFRAM Present Day

-  Fluvial 10% AEP
-  Fluvial 1% AEP
-  Fluvial 0.1% AEP



Offaly County Council
Comhairle Chontae Uíbh Fáilte

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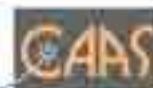
**Offaly CDP 2021-2027
SFRA**

**Clonbullogue
OPW Catchment Flood Risk
Assessment & Management
(CFRAM) All Scenarios**

-  County
-  Zoning Boundary
-  Rivers & Streams
-  Lakes
-  WFD River Sub-Basins
-  Contours

CFRAM All Scenarios

-  Present Day Scenario
Fluvial 0.1% AEP
-  Future Mid-Range Scenario
Fluvial 0.1% AEP
-  Future High-End Scenario
Fluvial 0.1% AEP



Offaly County Council
Comhairle Chontae Uíbh Rátha

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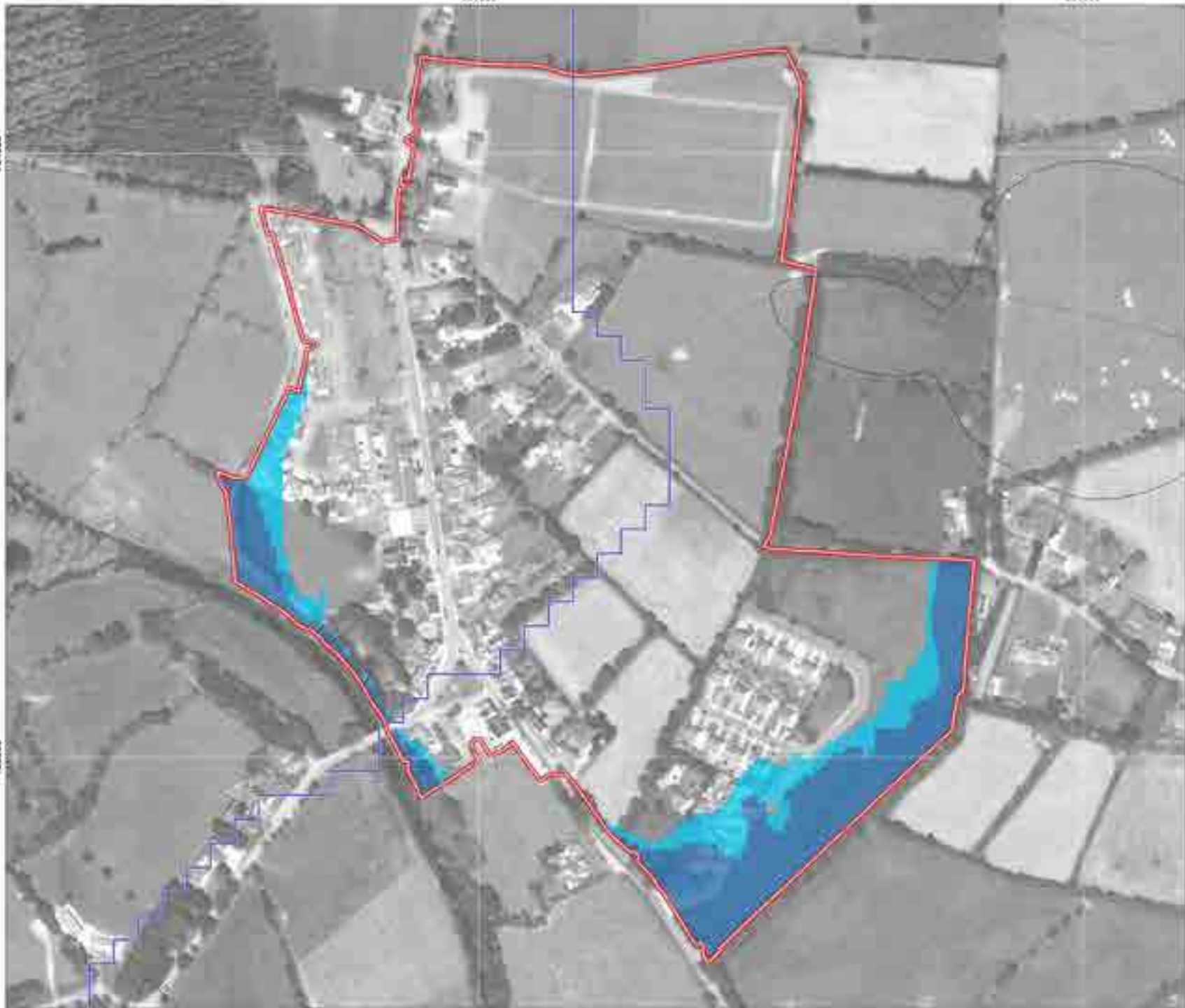
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**Offaly CDP 2021-2027
SFRA**

**Clonbullogue
Indicative Flood Zones**

-  County
-  Zoning Boundary
-  Rivers & Streams
-  Lakes
-  WFD River Sub Basins
-  Contours

Indicative Flood Zones

-  Flood Zone A
-  Flood Zone B



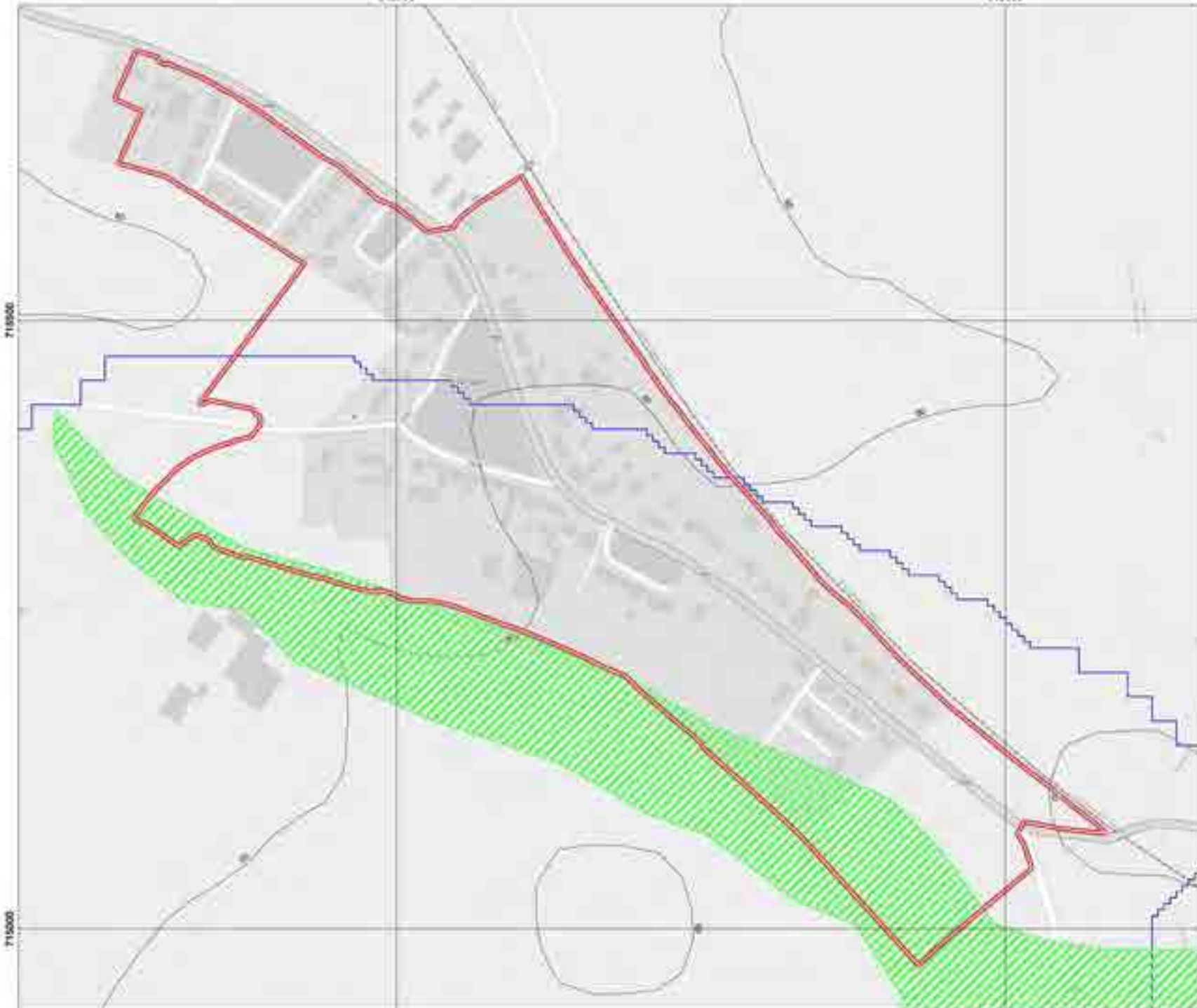
Offaly County Council
Comhairle Chontae Uíbh Rátha

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Cloneygowan Historical Indicators



- County
- Zoning Boundary
- Rivers & Streams
- Lakes
- WFD River Sub Basins
- Contours

Arterial Drainage Scheme

- Channel
- Embankment
- Benefited Land

Drainage Districts

- Channel
- Embankment
- Benefited Land

Land Commission

- Watercourse
- Embankment
- Benefited Land

OPW Past Flood Events

- Single Flood Event
- Recurring Flood Event
- OPW Flood Extent

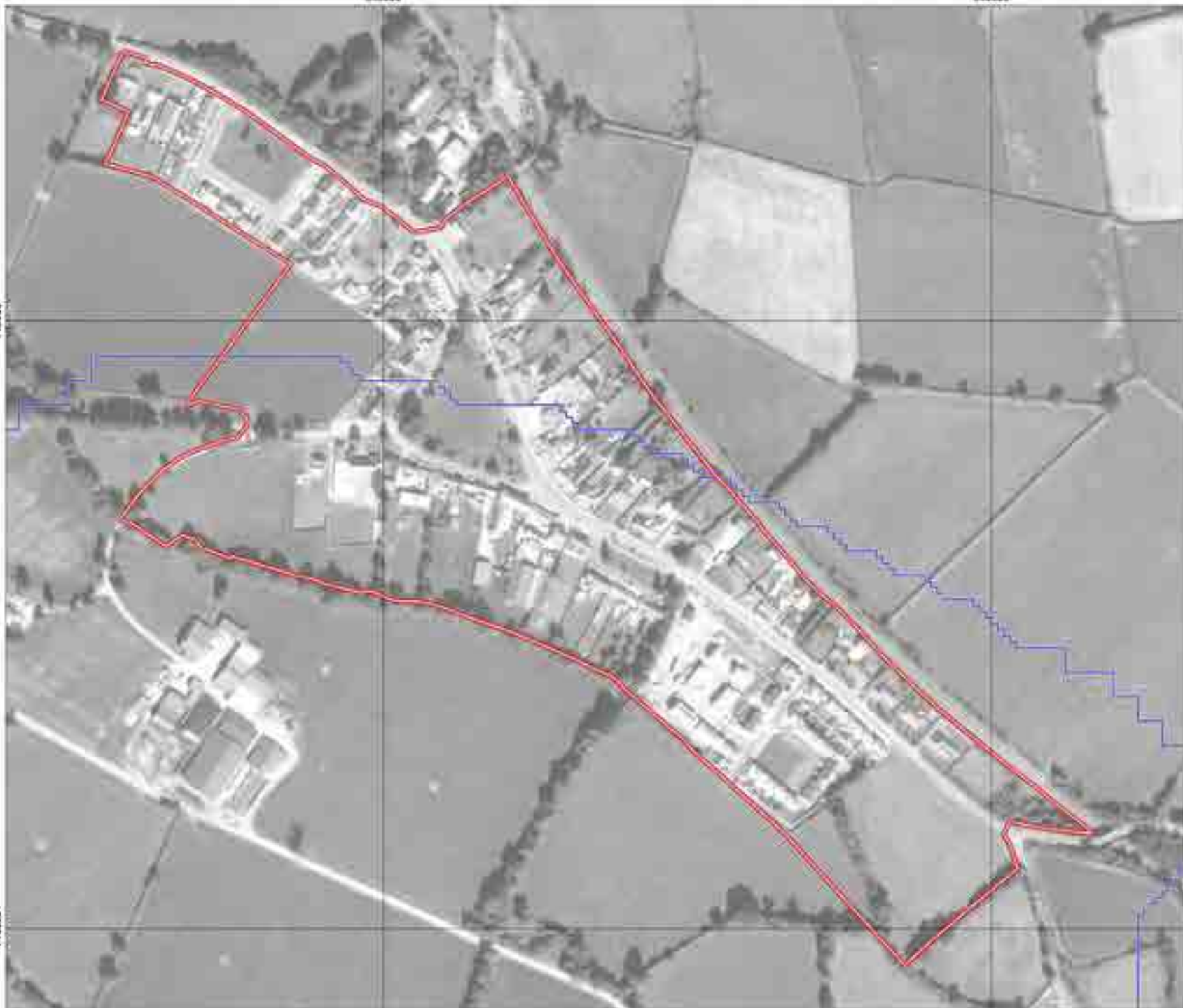
Soils

- Alluvial Soils



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**Offaly CDP 2021-2027
SFRA**

**Cloneygowan
OPW Preliminary Flood Risk
Assessment (PFRA)**

-  County
-  Zoning Boundary
-  Rivers & Streams
-  Lakes
-  WFD River Sub Basins
-  Contours

*PFRA Data supplied by
Offaly County Council*

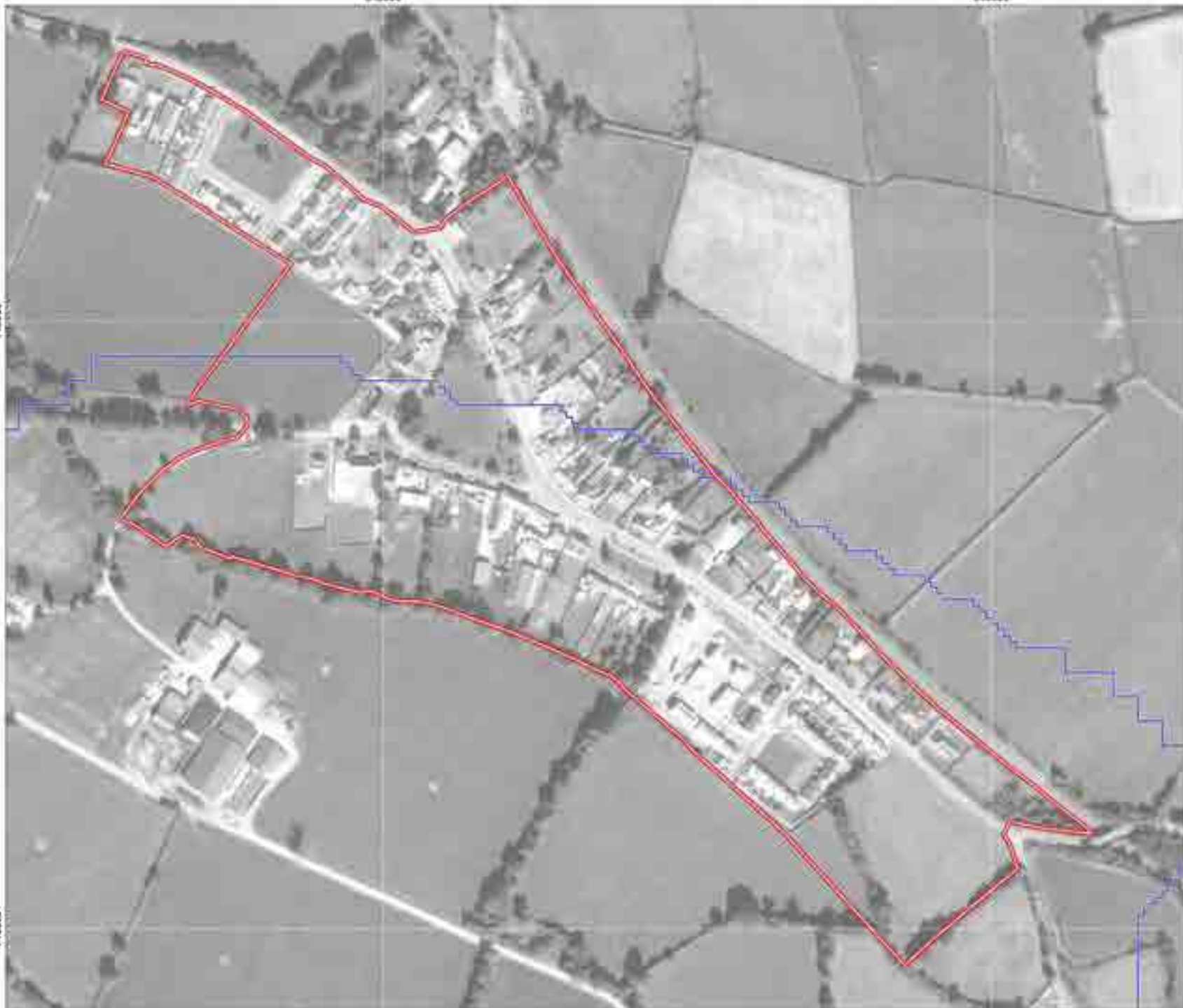
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**Offaly CDP 2021-2027
SFRA**

**Cloneygowan
OPW Catchment Flood Risk
Assessment & Management
(CFRAM) Present Day
Scenario**

-  County
-  Zoning Boundary
-  Rivers & Streams
-  Lakes
-  WFD River Sub Basins
-  Contours

CFRAM Present Day

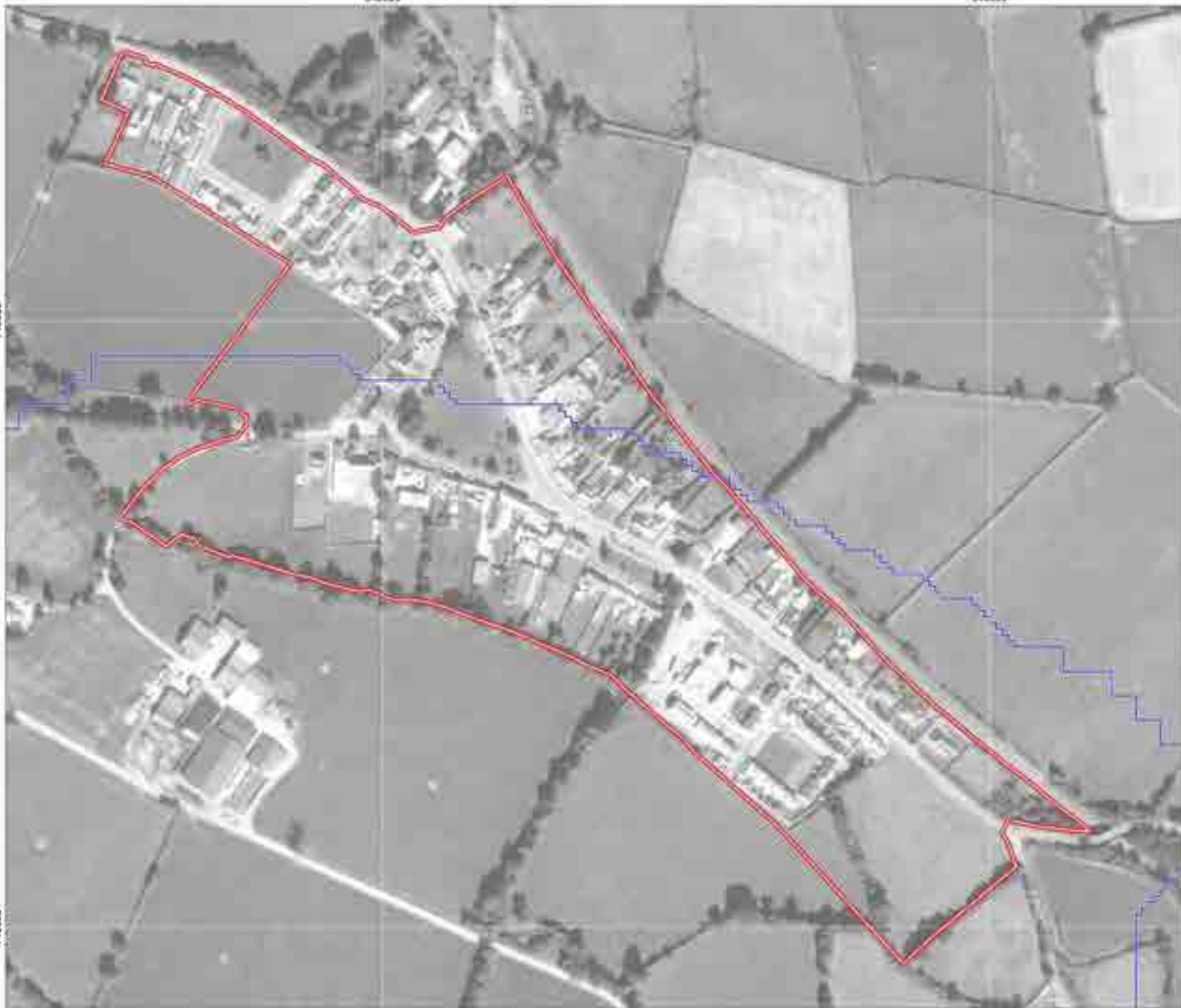
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-  Fluvial 1% AEP
-  Fluvial 0.1% AEP



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SFRA**

**Cloneygowan
OPW Catchment Flood Risk
Assessment & Management
(CFRAM) All Scenarios**

-  County
-  Zoning Boundary
-  Rivers & Streams
-  Lakes
-  WFD River Sub-Basins
-  Contour

CFRAM All Scenarios

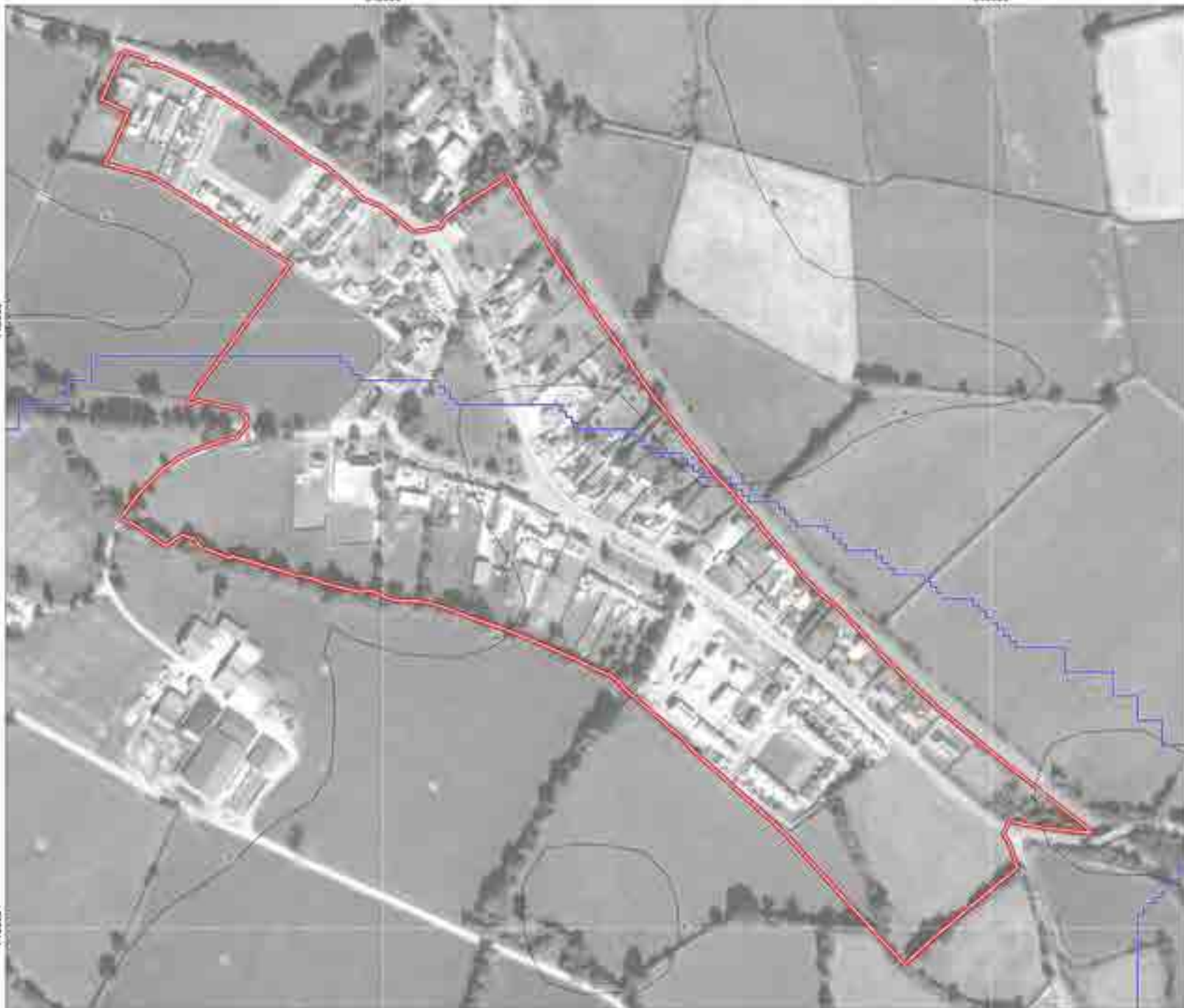
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Fluvial 0.1% AEP
-  Future Mid-Range Scenario
Fluvial 0.1% AEP
-  Future High-End Scenario
Fluvial 0.1% AEP



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SFRA**

**Cloneygowan
Indicative Flood Zones**

-  County
-  Zoning Boundary
-  Rivers & Streams
-  Lakes
-  WFD River Sub Basins
-  Contours

Indicative Flood Zones

-  Flood Zone A
-  Flood Zone B



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**Offaly CDP 2021-2027
SFRA**

**Coolderry
Historical Indicators**

- County
- Zoning Boundary
- Rivers & Streams
- Lakes
- WFD River Sub Basins
- Contours

Arterial Drainage Scheme

- Channel
- Embankment
- Benefited Land

Drainage Districts

- Channel
- Embankment
- Benefited Land

Land Commission

- Watercourse
- Embankment
- Benefited Land

OPW Past Flood Events

- Single Flood Event
- Recurring Flood Event
- OPW Flood Extent

Soils

- Alluvial Soils



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


**Offaly CDP 2021-2027
SFRA**

**Coolderry
OPW Preliminary Flood Risk
Assessment (PFRA)**

-  County
-  Zoning Boundary
-  Rivers & Streams
-  Lakes
-  WFD River Sub-Basins
-  Contours

*PFRA Data supplied by
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-  Fluvial 1% AEP
-  Fluvial 0.1% AEP



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**Offaly CDP 2021-2027
SFRA**

**Coolderry
OPW Catchment Flood Risk
Assessment & Management
(CFRAM) All Scenarios**

-  County
-  Zoning Boundary
-  Rivers & Streams
-  Lakes
-  WFD River Sub-Basins
-  Contours

CFRAM All Scenarios

-  Present Day Scenario
Fluvial 0.1% AEP
-  Future Mid-Range Scenario
Fluvial 0.1% AEP
-  Future High-End Scenario
Fluvial 0.1% AEP



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Comhairle Chontae Uíbh Rátha

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Offaly CDP 2021-2027 SFRA

Coolderry Indicative Flood Zones

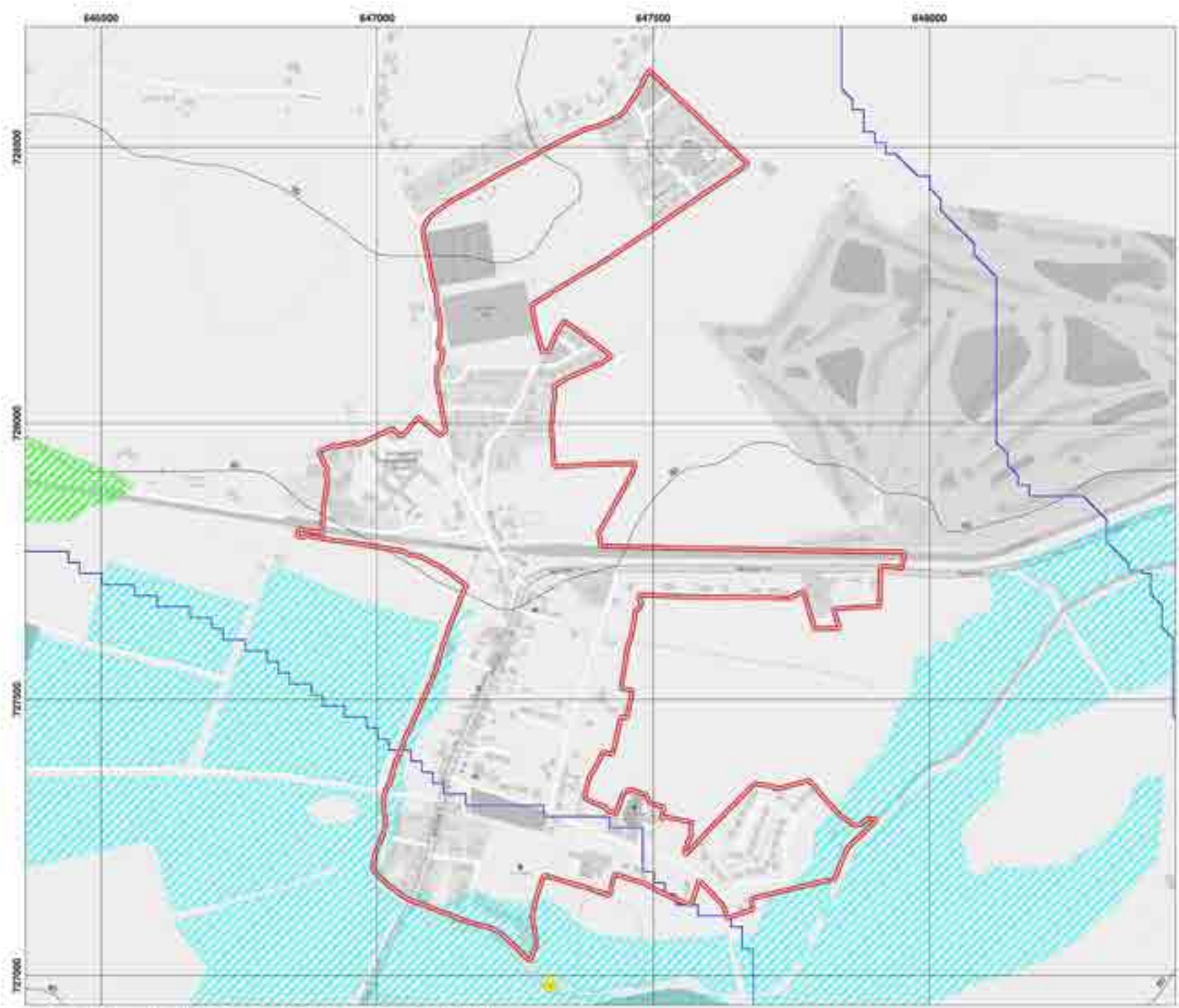
-  County
-  Zoning Boundary
-  Rivers & Streams
-  Lakes
-  WFD River Sub-Basins
-  Contours

Indicative Flood Zones

-  Flood Zone A
-  Flood Zone B



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SFRA**

**Daingean
Historical Indicators**

- County
- Zoning Boundary
- Rivers & Streams
- Lakes
- WFD River Sub-Basins
- Contours

Arterial Drainage Scheme

- Channel
- Embankment
- Benefited Land

Drainage Districts

- Channel
- Embankment
- Benefited Land

Land Commission

- Watercourse
- Embankment
- Benefited Land

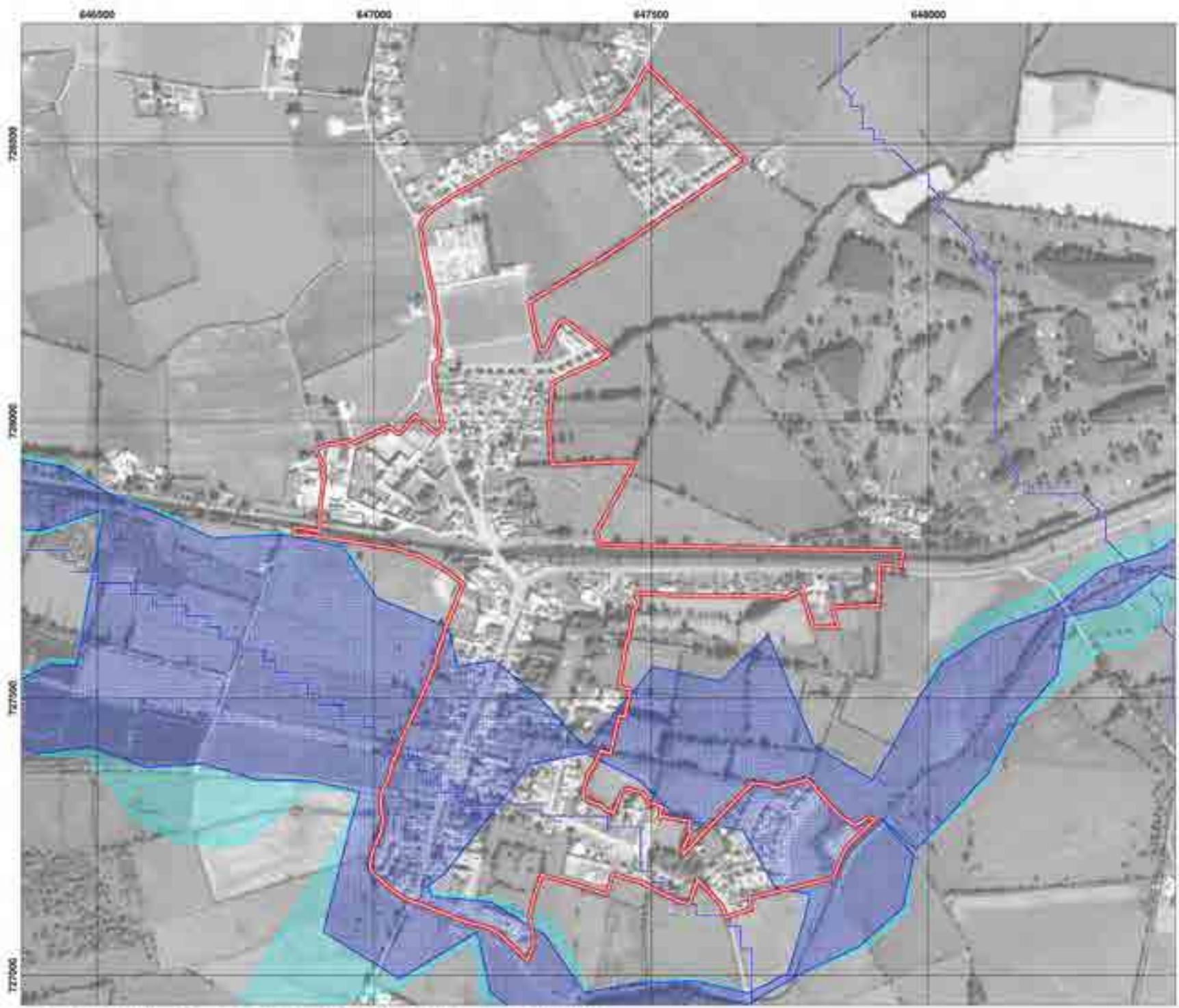
OPW Past Flood Events

- Single Flood Event
- Recurring Flood Event
- OPW Flood Extent

Soils

- Alluvial Soils





**Offaly CDP 2021-2027
SFRA**

**Daingean
OPW Preliminary Flood Risk
Assessment (PFRA)**

- County
- Zoning Boundary
- Rivers & Streams
- Lakes
- WFD River Sub Basins
- Contours

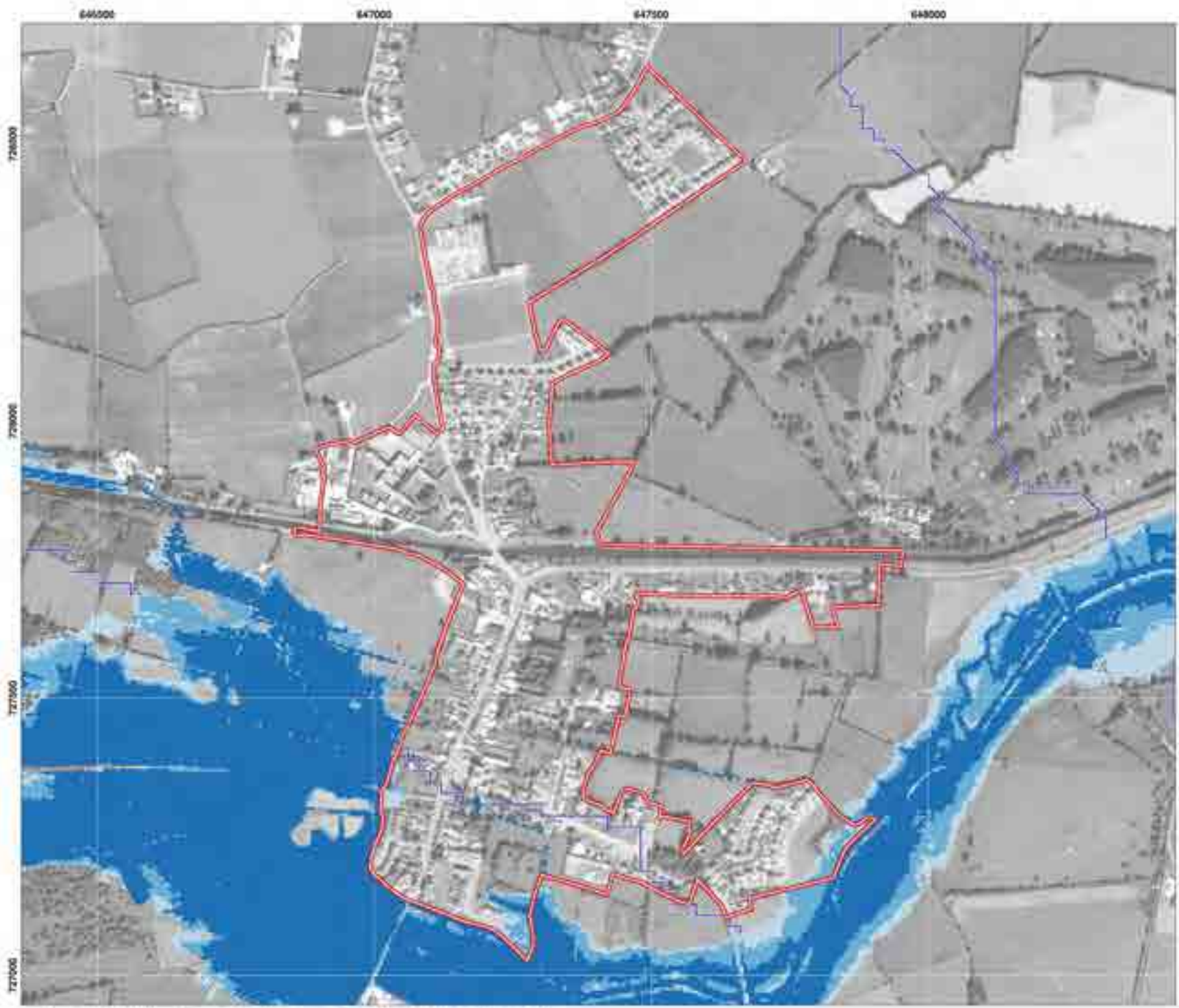
*PFRA Data supplied by
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- Fluvial 1% AEP
- Fluvial 0.1% AEP



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SFRA**

**Daingean
OPW Catchment Flood Risk
Assessment & Management
(CFRAM) Present Day
Scenario**

- County
- Zoning Boundary
- Rivers & Streams
- Lakes
- WFD River Sub-Basins
- Contours

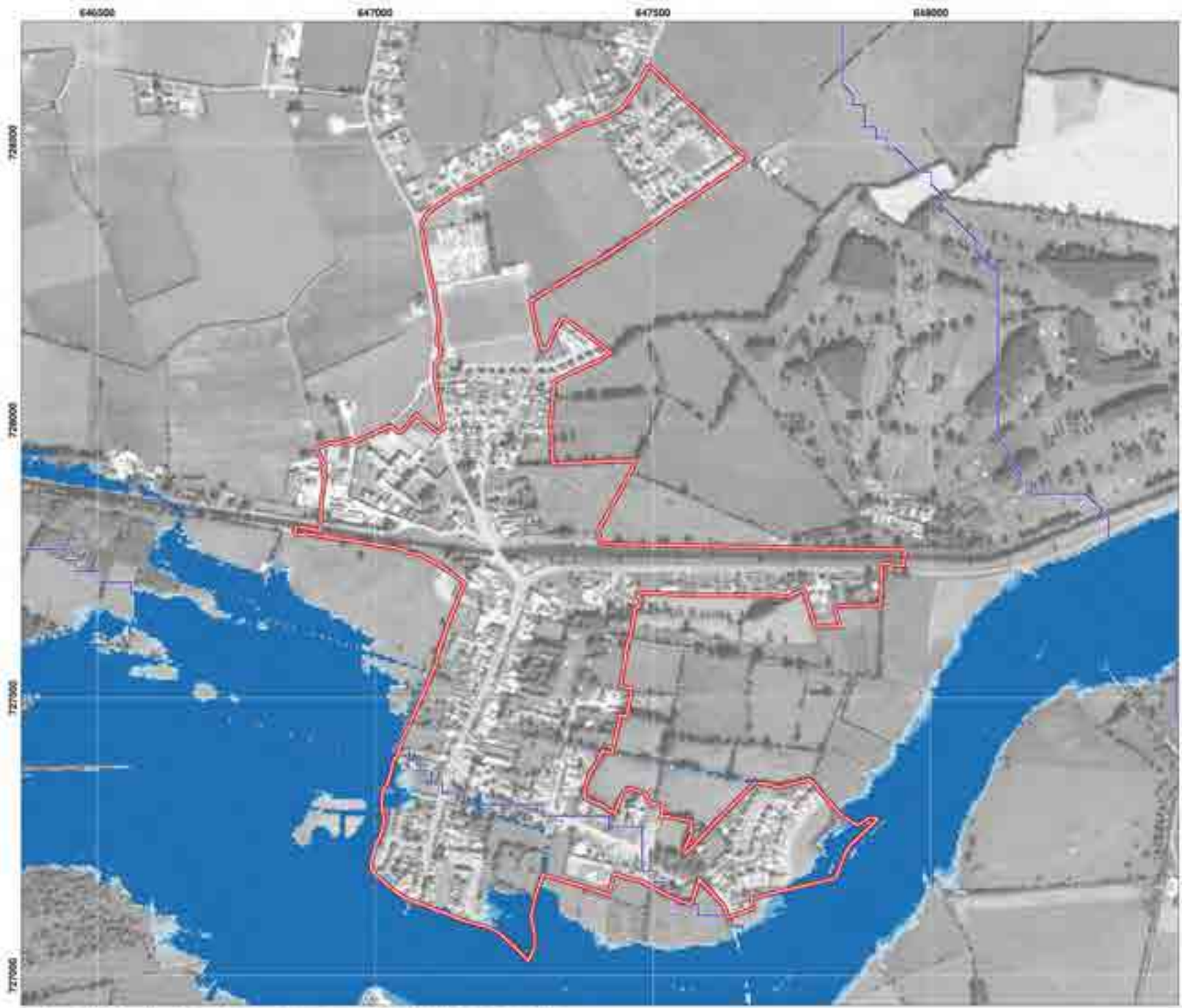
CFRAM Present Day

- Fluvial 10% AEP
- Fluvial 1% AEP
- Fluvial 0.1% AEP



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SFRA**

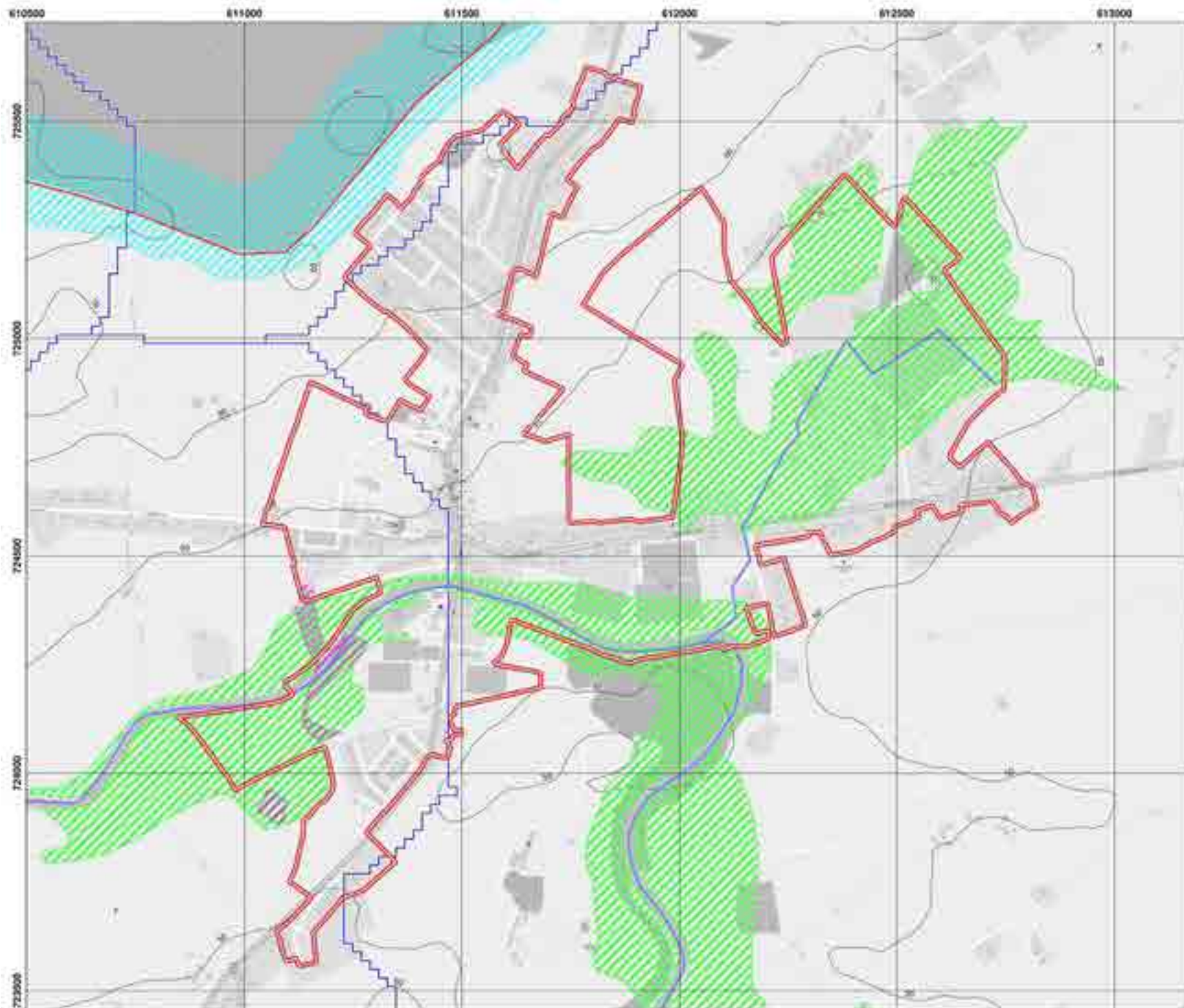
**Daingean
OPW Catchment Flood Risk
Assessment & Management
(CFRAM) All Scenarios**

-  County
-  Zoning Boundary
-  Rivers & Streams
-  Lakes
-  WFD River Sub-Basins
-  Contours

- CFRAM All Scenarios**
-  Present Day Scenario
Fluvial 0.1% AEP
 -  Future Mid-Range Scenario
Fluvial 0.1% AEP
 -  Future High-End Scenario
Fluvial 0.1% AEP



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Offaly CDP 2021-2027 SFRA

Ferbane Historical Indicators

- County
- Zoning Boundary
- Rivers & Streams
- Lakes
- WFD River Sub-Basins
- Contours

Arterial Drainage Scheme

- Channel
- Embankment
- Benefited Land

Drainage Districts

- Channel
- Embankment
- Benefited Land

Land Commission

- Watercourse
- Embankment
- Benefited Land

OPW Past Flood Events

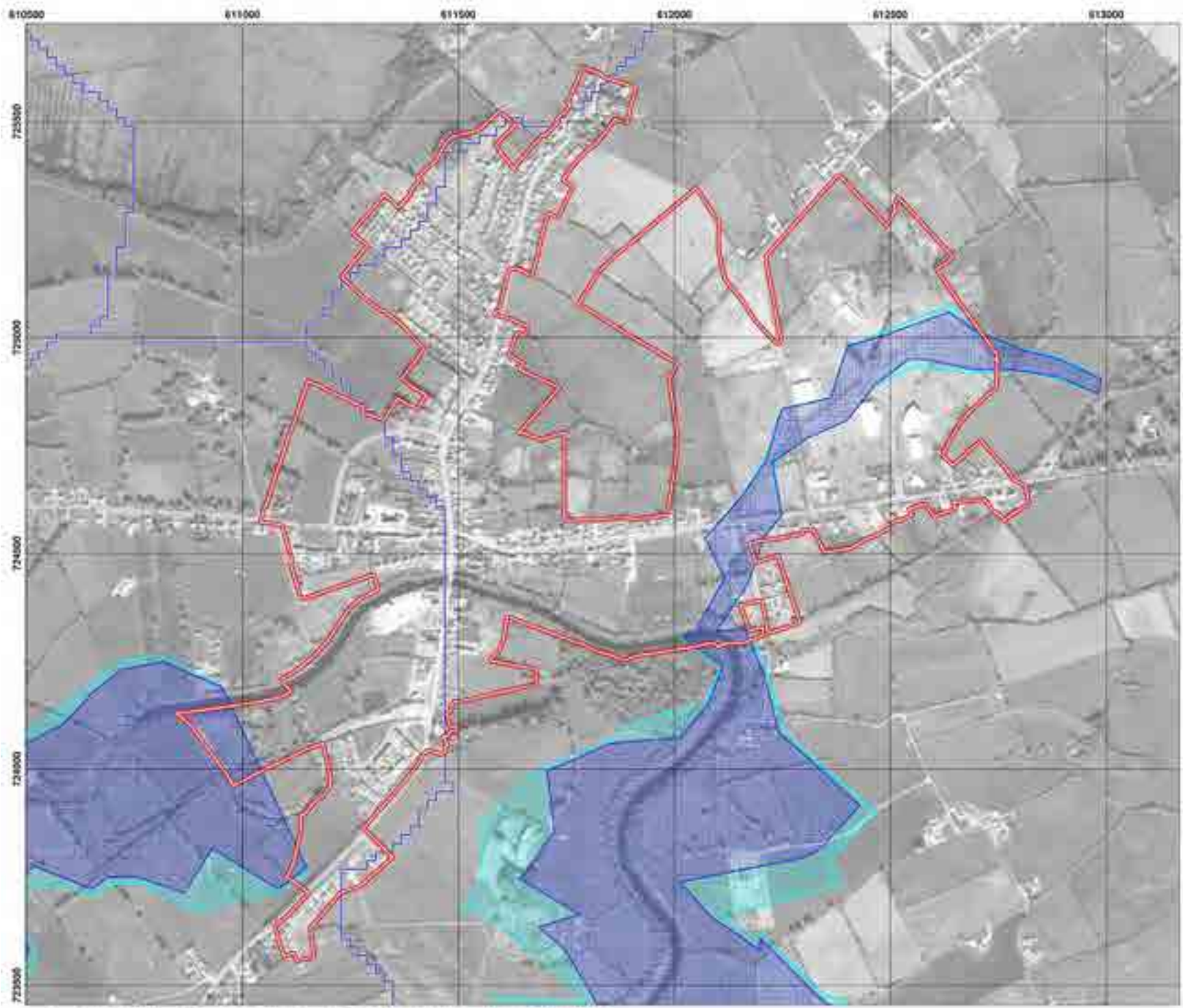
- Single Flood Event
- Recurring Flood Event
- OPW Flood Extent

Soils

- Alluvial Soils



Offaly County Council
Comhairle Chontae Uíbh Rátha





**Offaly CDP 2021-2027
SFRA**

**Ferbane
OPW Preliminary Flood Risk
Assessment (PFRA)**

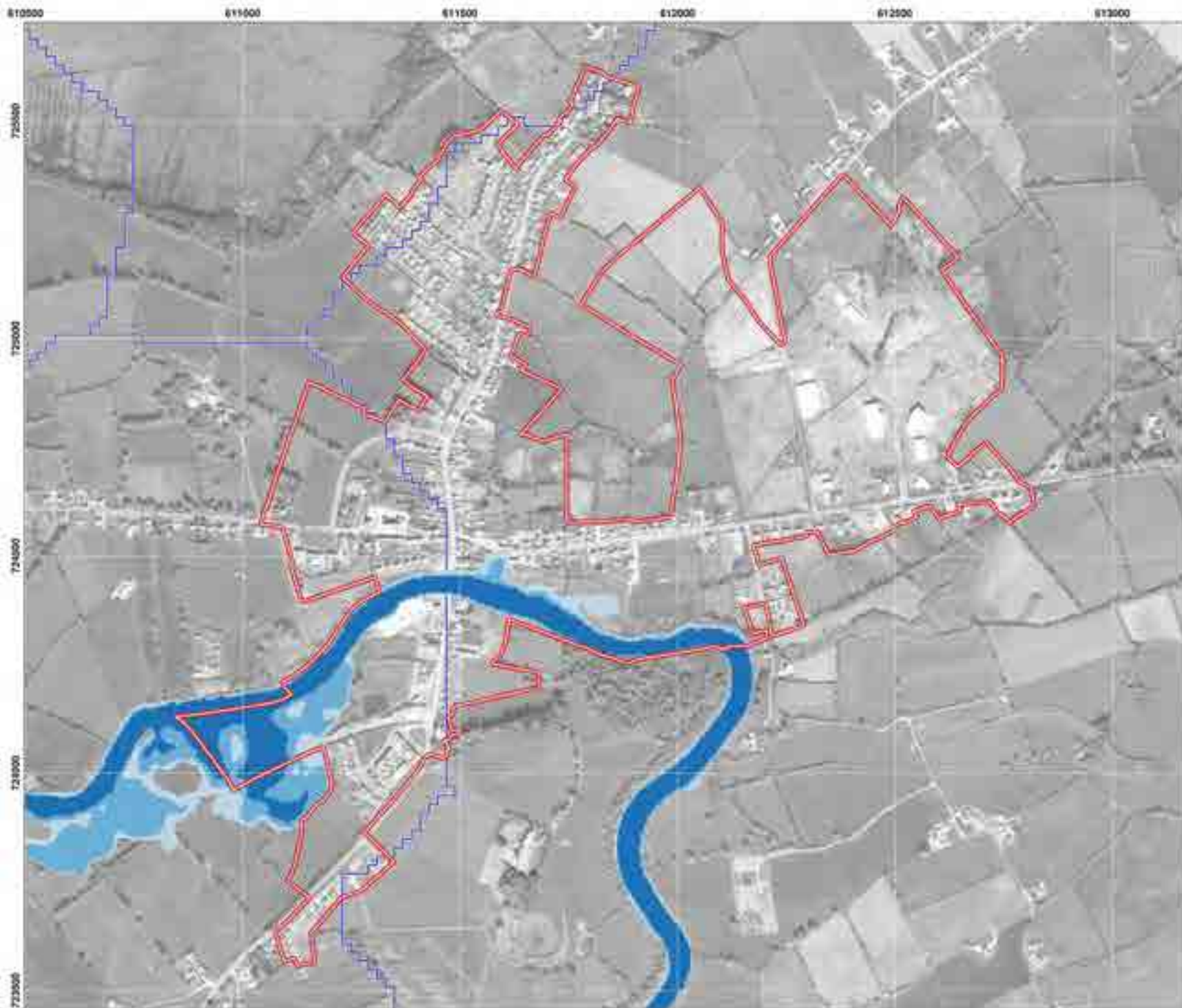
-  County
-  Zoning Boundary
-  Rivers & Streams
-  Lakes
-  WFD River Sub Basins
-  Contours

*PFRA Data supplied by
Offaly County Council*

-  Fluvial 1% AEP
-  Fluvial 0.1% AEP



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**Offaly CDP 2021-2027
SFRA**

**Ferbane
OPW Catchment Flood Risk
Assessment & Management
(CFRAM) Present Day
Scenario**

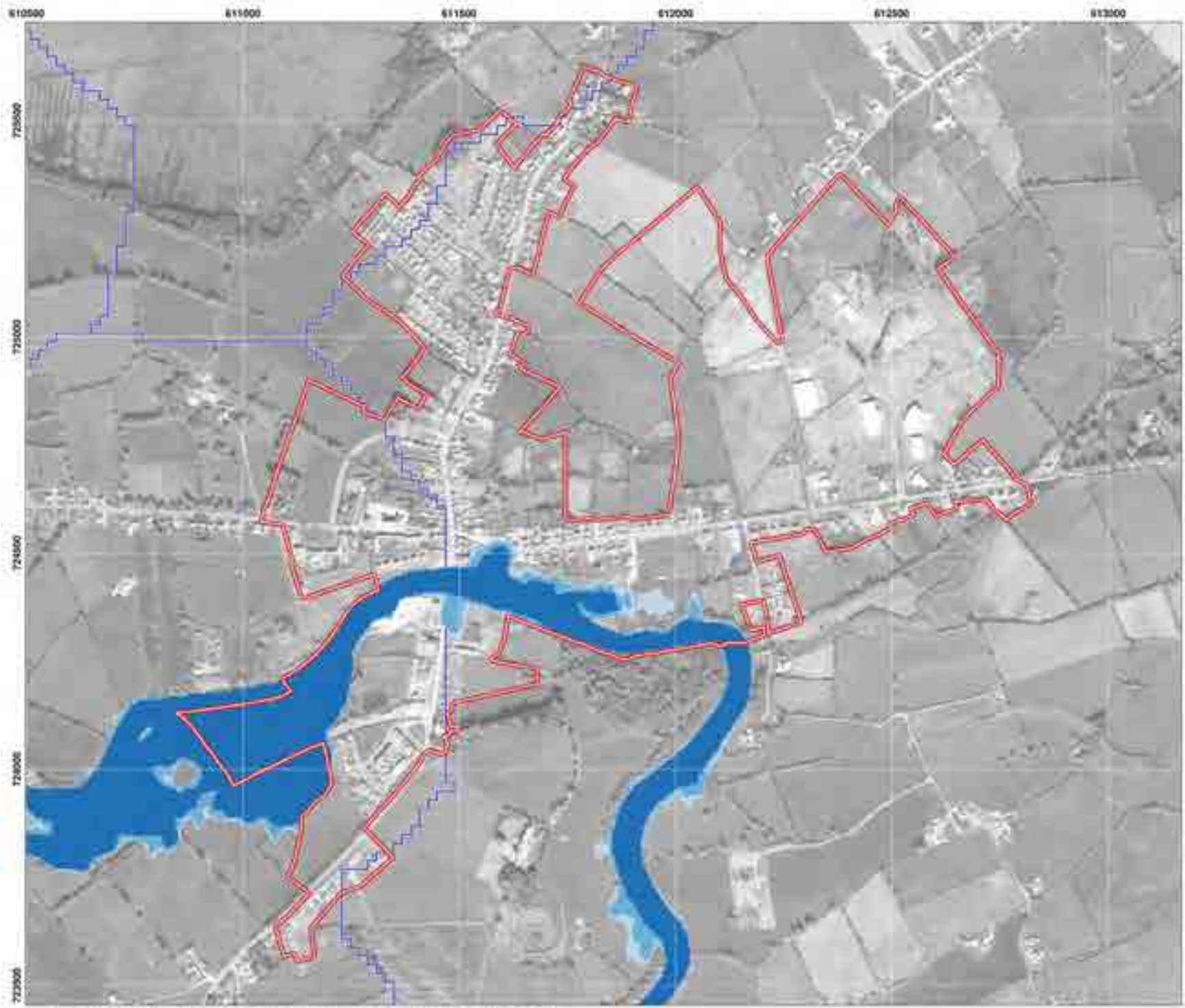
-  County
-  Zoning Boundary
-  Rivers & Streams
-  Lakes
-  WFD River Sub-Basins
-  Contours

CFRAM Present Day

-  Fluvial 10% AEP
-  Fluvial 1% AEP
-  Fluvial 0.1% AEP



Offaly County Council
Comhairle Chontae Uíbh Rátha



**Offaly CDP 2021-2027
SFRA**

**Ferbane
OPW Catchment Flood Risk
Assessment & Management
(CFRAM) All Scenarios**

-  County
-  Zoning Boundary
-  Rivers & Streams
-  Lakes
-  WTD River Sub-Basins
-  Contours

CFRAM All Scenarios

-  Present Day Scenario
Fluvial 0.1% AEP
-  Future Mid-Range Scenario
Fluvial 0.1% AEP
-  Future High-End Scenario
Fluvial 0.1% AEP



Offaly County Council
Comhairle Chontae Uíbh Rátha

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Offaly CDP 2021-2027 SFRA

Geashill Historical Indicators

-  County
-  Zoning Boundary
-  Rivers & Streams
-  Lakes
-  WFD River Sub Basins
-  Contours

Arterial Drainage Scheme

-  Channel
-  Embankment
-  Benefited Land

Drainage Districts

-  Channel
-  Embankment
-  Benefited Land

Land Commission

-  Watercourse
-  Embankment
-  Benefited Land

OPW Past Flood Events

-  Single Flood Event
-  Recurring Flood Event
-  OPW Flood Extent

Soils

-  Alluvial Soils



Offaly County Council
Comhairle Chontae Uíbh Fhailé

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**Offaly CDP 2021-2027
SFRA**

**Geashill
OPW Catchment Flood Risk
Assessment & Management
(CFRAM) Present Day
Scenario**

-  County
-  Zoning Boundary
-  Rivers & Streams
-  Lakes
-  WFD River Sub Basins
-  Contours

CFRAM Present Day

-  Fluvial 10% AEP
-  Fluvial 1% AEP
-  Fluvial 0.1% AEP



Offaly County Council
Comhairle Chontae Uíbh Rátha

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**Offaly CDP 2021-2027
SFRA**

**Geashill
OPW Catchment Flood Risk
Assessment & Management
(CFRAM) All Scenarios**

-  County
-  Zoning Boundary
-  Rivers & Streams
-  Lakes
-  WFD River Sub-Basins
-  Contour

CFRAM All Scenarios

-  Present Day Scenario
Fluvial 0.1% AEP
-  Future Mid-Range Scenario
Fluvial 0.1% AEP
-  Future High-End Scenario
Fluvial 0.1% AEP



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Comhairle Chontae Uíbh Rátha

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**Offaly CDP 2021-2027
SFRA**

**Geashill
Indicative Flood Zones**

-  County
-  Zoning Boundary
-  Rivers & Streams
-  Lakes
-  WFD River Sub Basins
-  Contours

Indicative Flood Zones

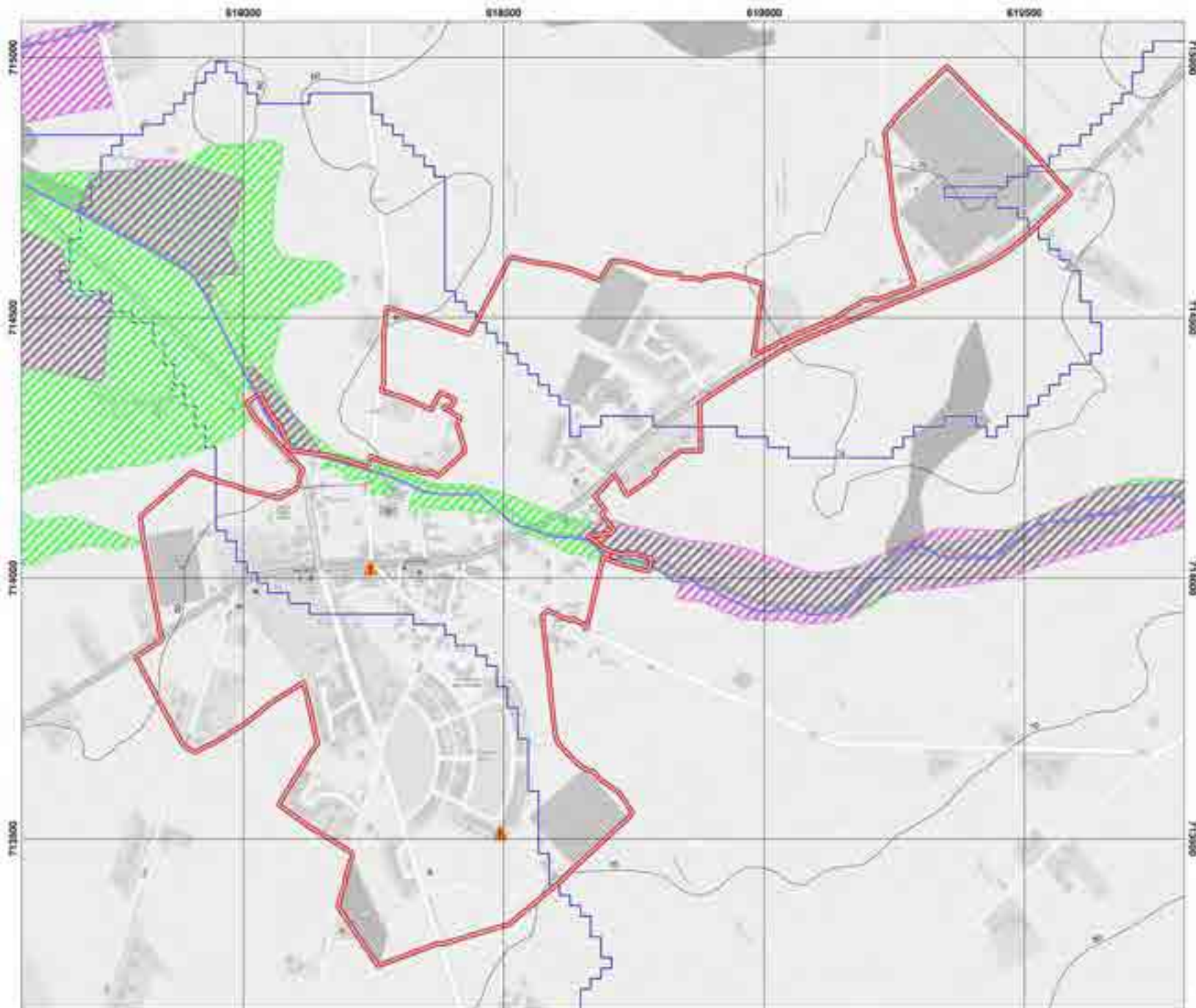
-  Flood Zone A
-  Flood Zone B



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Offaly CDP 2021-2027 SFRA

Kilcormac Historical Indicators



- County
- Zoning Boundary
- Rivers & Streams
- Lakes
- WFD River Sub-Basins
- Contours
- Arterial Drainage Scheme**
 - Channel
 - Embankment
 - Benefited Land
- Drainage Districts**
 - Channel
 - Embankment
 - Benefited Land
- Land Commission**
 - Watercourse
 - Embankment
 - Benefited Land
- OPW Past Flood Events**
 - Single Flood Event
 - Recurring Flood Event
 - OPW Flood Extent
- Soils**
 - Alluvial Soils



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**Offaly CDP 2021-2027
SFRA**

**Kilcormac
OPW Preliminary Flood Risk
Assessment (PFRA)**

-  County
-  Zoning Boundary
-  Rivers & Streams
-  Lakes
-  WFD River Sub Basins
-  Contours

*PFRA Data supplied by
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-  Fluvial 1% AEP
-  Fluvial 0.1% AEP








**Offaly CDP 2021-2027
SFRA**

**Kilcormac
OPW Catchment Flood Risk
Assessment & Management
(CFRAM) Present Day
Scenario**

-  County
-  Zoning Boundary
-  Rivers & Streams
-  Lakes
-  WFD River Sub Basins
-  Contours

- CFRAM Present Day**
-  Fluvial 10% AEP
 -  Fluvial 1% AEP
 -  Fluvial 0.1% AEP



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
Killeigh Historical Indicators

-  County
-  Zoning Boundary
-  Rivers & Streams
-  Lakes
-  WFD River Sub Basins
-  Contours

Arterial Drainage Scheme

-  Channel
-  Embankment
-  Benefited Land



Drainage Districts

-  Channel
-  Embankment
-  Benefited Land

Land Commission

-  Watercourse
-  Embankment
-  Benefited Land

OPW Past Flood Events

-  Single Flood Event
-  Recurring Flood Event
-  OPW Flood Extent

Soils

-  Alluvial Soils



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Comhairle Chontae Uíbh Rátha

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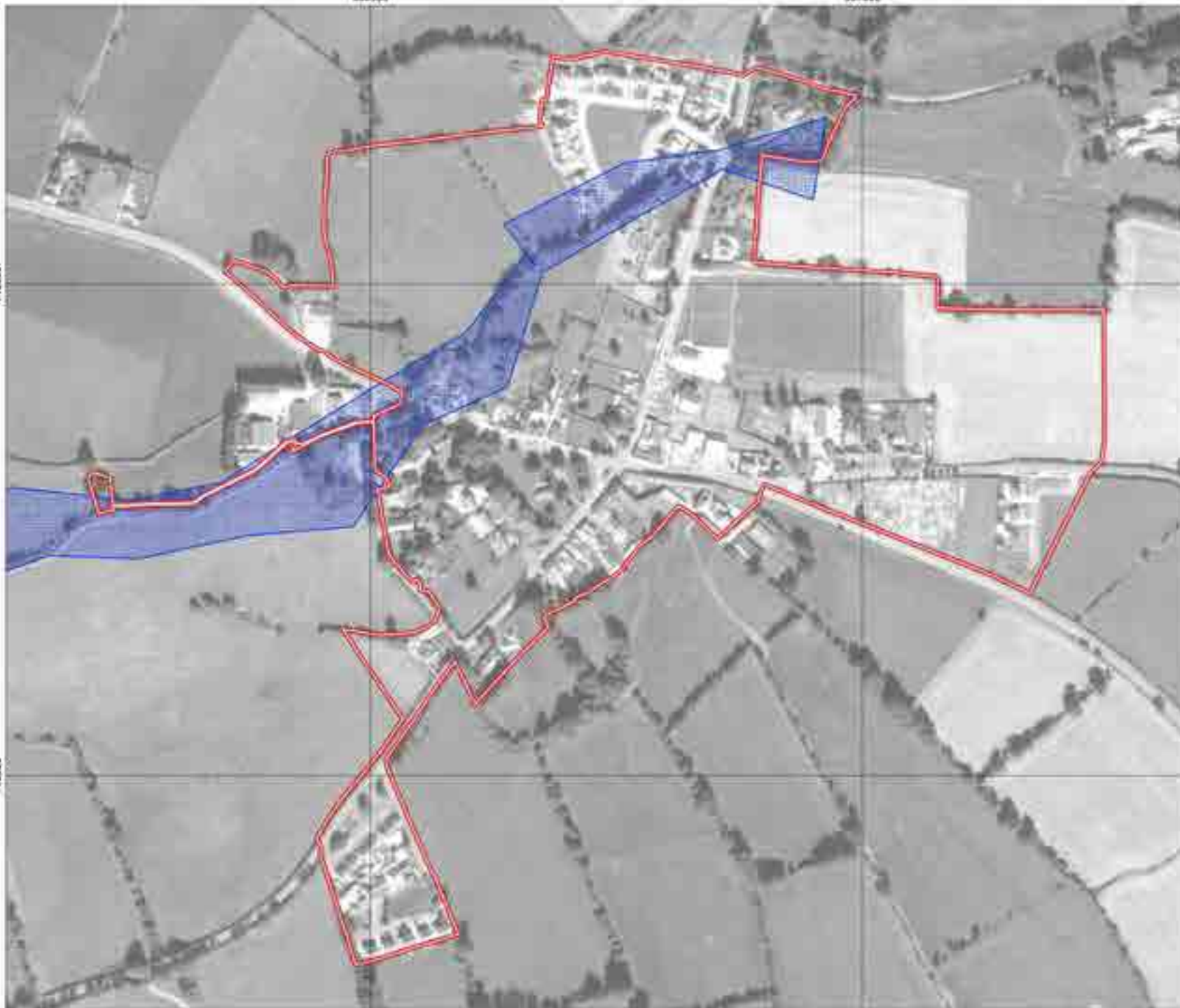
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**Offaly CDP 2021-2027
SFRA**

**Killeigh
OPW Preliminary Flood Risk
Assessment (PFRA)**

-  County
-  Zoning Boundary
-  Rivers & Streams
-  Lakes
-  WFD River Sub-Basins
-  Contours

*PFRA Data supplied by
Offaly County Council*

-  Fluvial 1% AEP
-  Fluvial 0.1% AEP



Offaly County Council
Comhairle Chontae Uíbh Rátha

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**Offaly CDP 2021-2027
SFRA**

**Killeigh
OPW Catchment Flood Risk
Assessment & Management
(CFRAM) Present Day
Scenario**

-  County
-  Zoning Boundary
-  Rivers & Streams
-  Lakes
-  WFD River Sub Basins
-  Contours

CFRAM Present Day

-  Fluvial 10% AEP
-  Fluvial 1% AEP
-  Fluvial 0.1% AEP



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Offaly CDP 2021-2027 SFRA

Killeigh OPW Catchment Flood Risk Assessment & Management (CFRAM) All Scenarios

-  County
-  Zoning Boundary
-  Rivers & Streams
-  Lakes
-  WFD River Sub-Basins
-  Contour

CFRAM All Scenarios

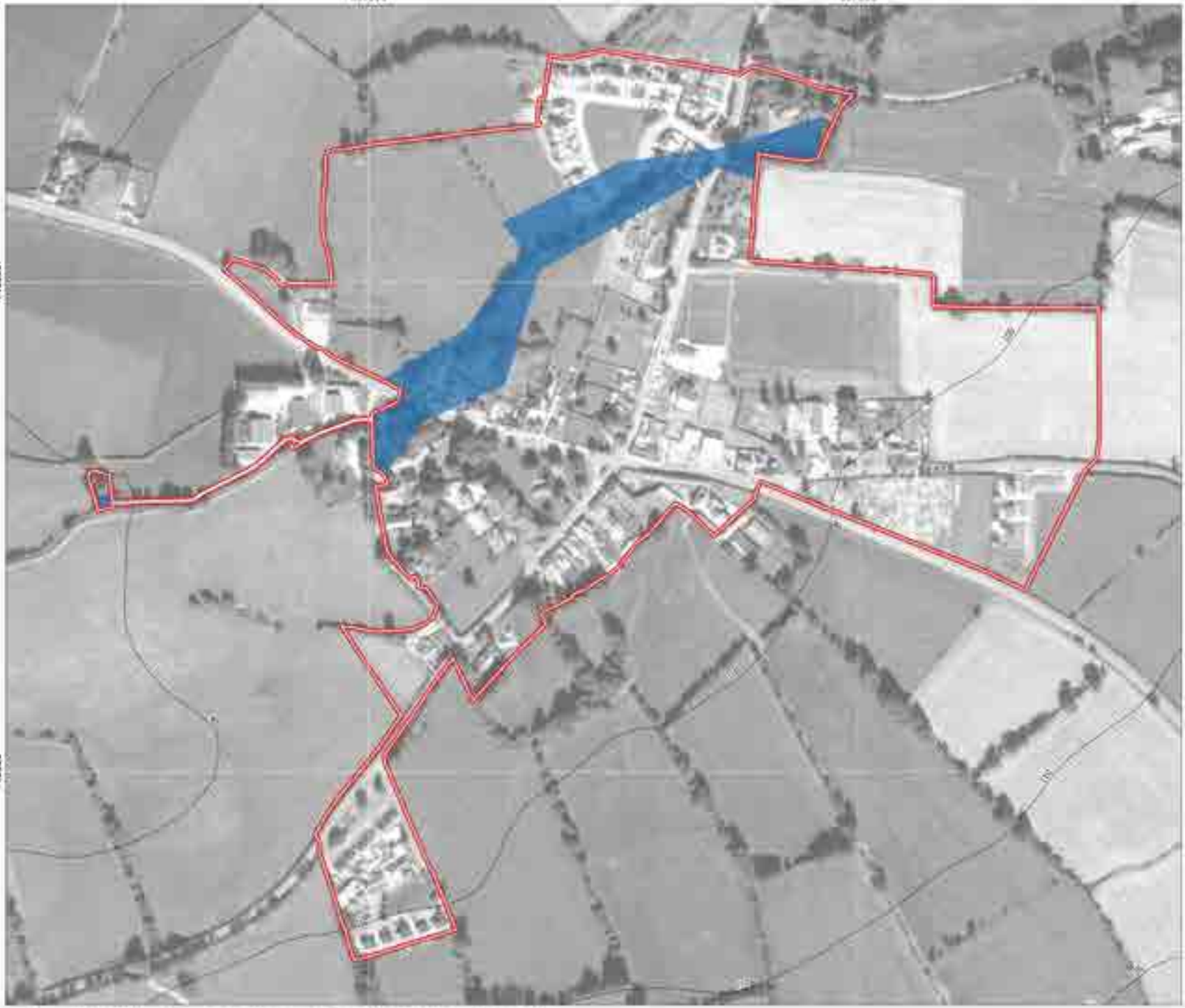
-  Present Day Scenario
Fluvial 0.1% AEP
-  Future Mid-Range Scenario
Fluvial 0.1% AEP
-  Future High-End Scenario
Fluvial 0.1% AEP



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**Offaly CDP 2021-2027
SFRA**

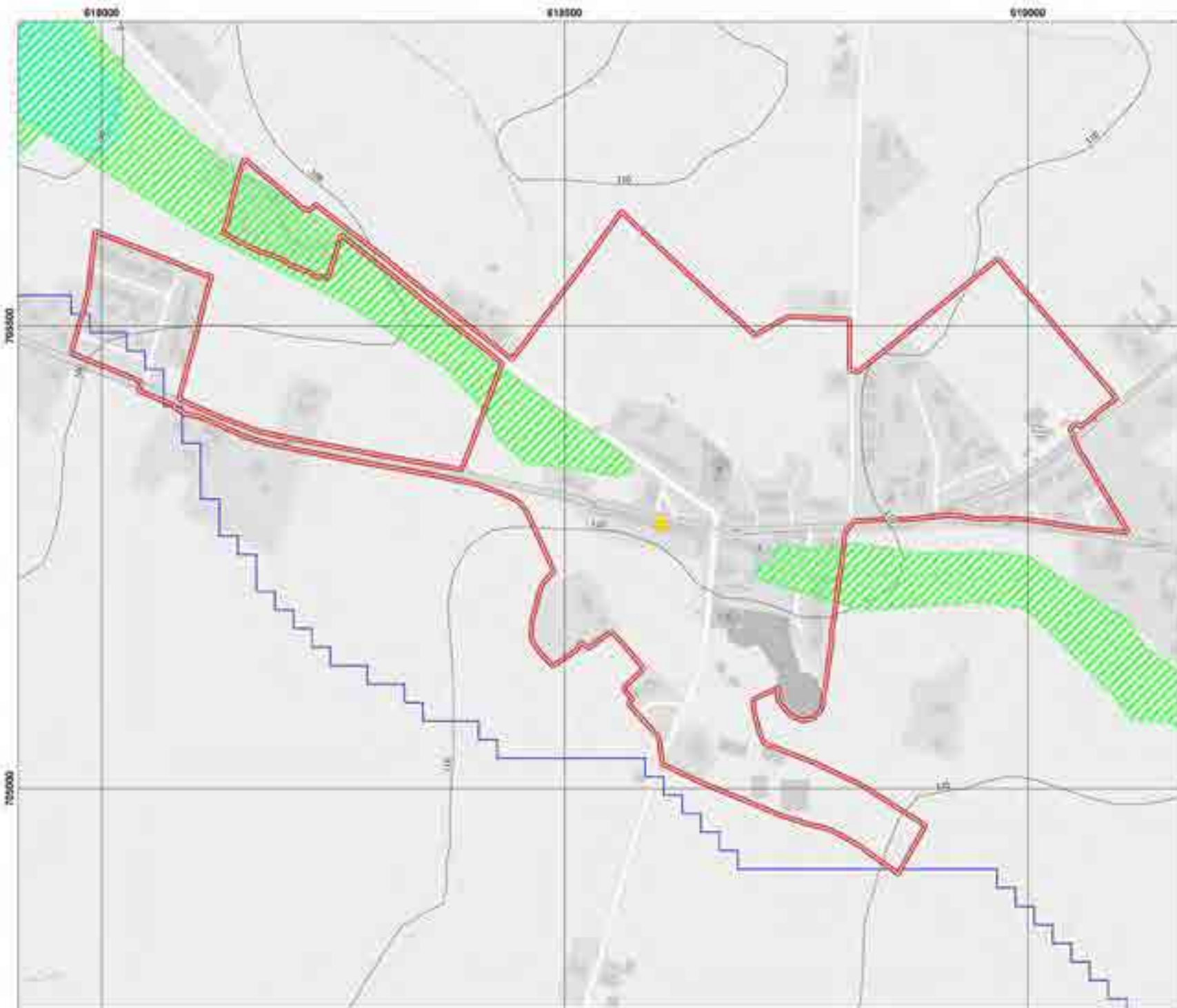
**Killeigh
Indicative Flood Zones**

-  County
-  Zoning Boundary
-  Rivers & Streams
-  Lakes
-  WFD River Sub Basins
-  Contours

Indicative Flood Zones

-  Flood Zone A
-  Flood Zone B





**Offaly CDP 2021-2027
SFRA**

**Kinnitty
Historical Indicators**

- County
- Zoning Boundary
- Rivers & Streams
- Lakes
- WFD River Sub-Basins
- Contours

Arterial Drainage Scheme

- Channel
- Embankment
- Benefited Land

Drainage Districts

- Channel
- Embankment
- Benefited Land

Land Commission

- Watercourse
- Embankment
- Benefited Land

OPW Past Flood Events

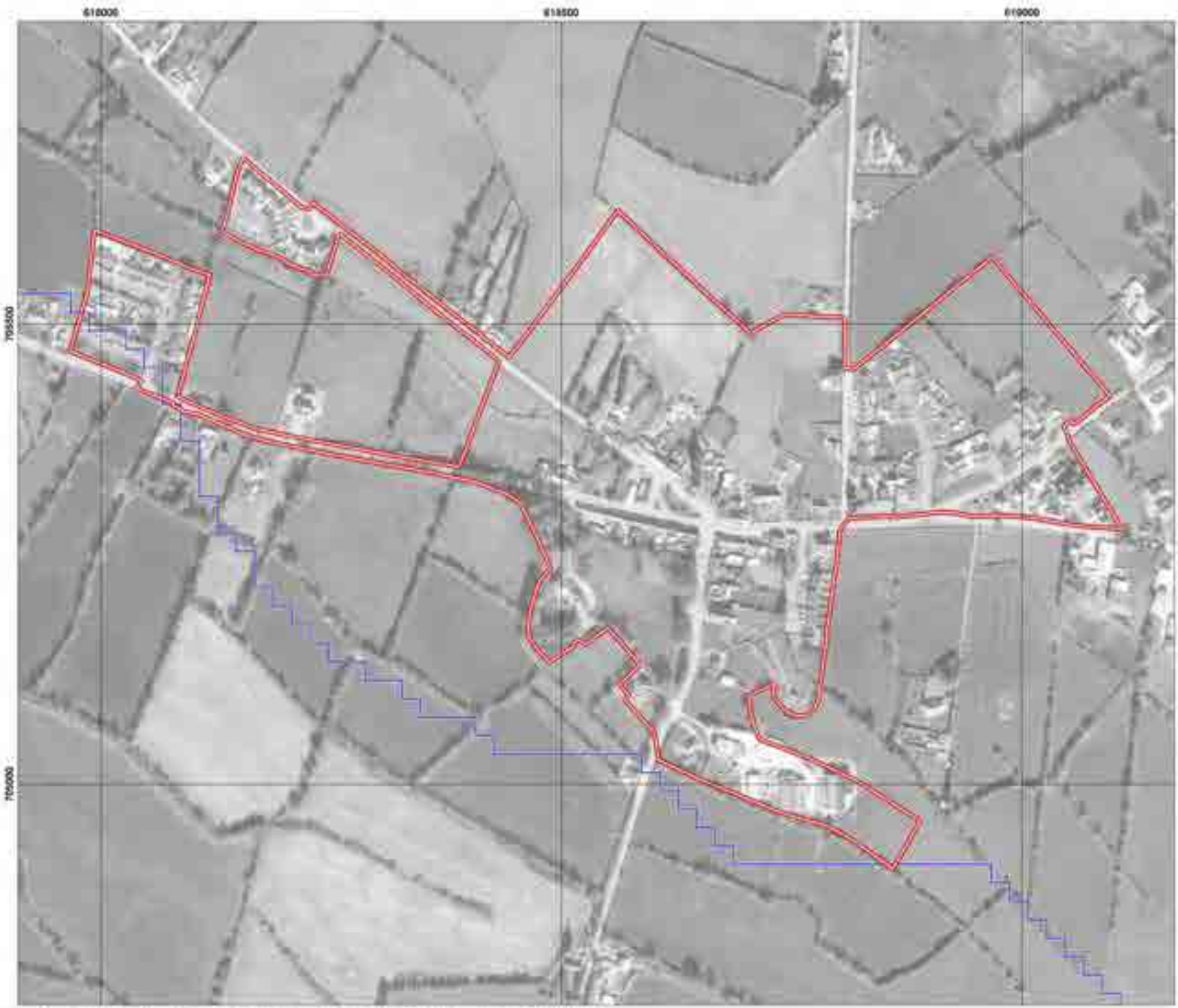
- Single Flood Event
- Recurring Flood Event
- OPW Flood Extent

Soils

- Alluvial Soils



Offaly County Council
Comhairle Chontae Uíbh Fhailí



**Offaly CDP 2021-2027
SFRA**

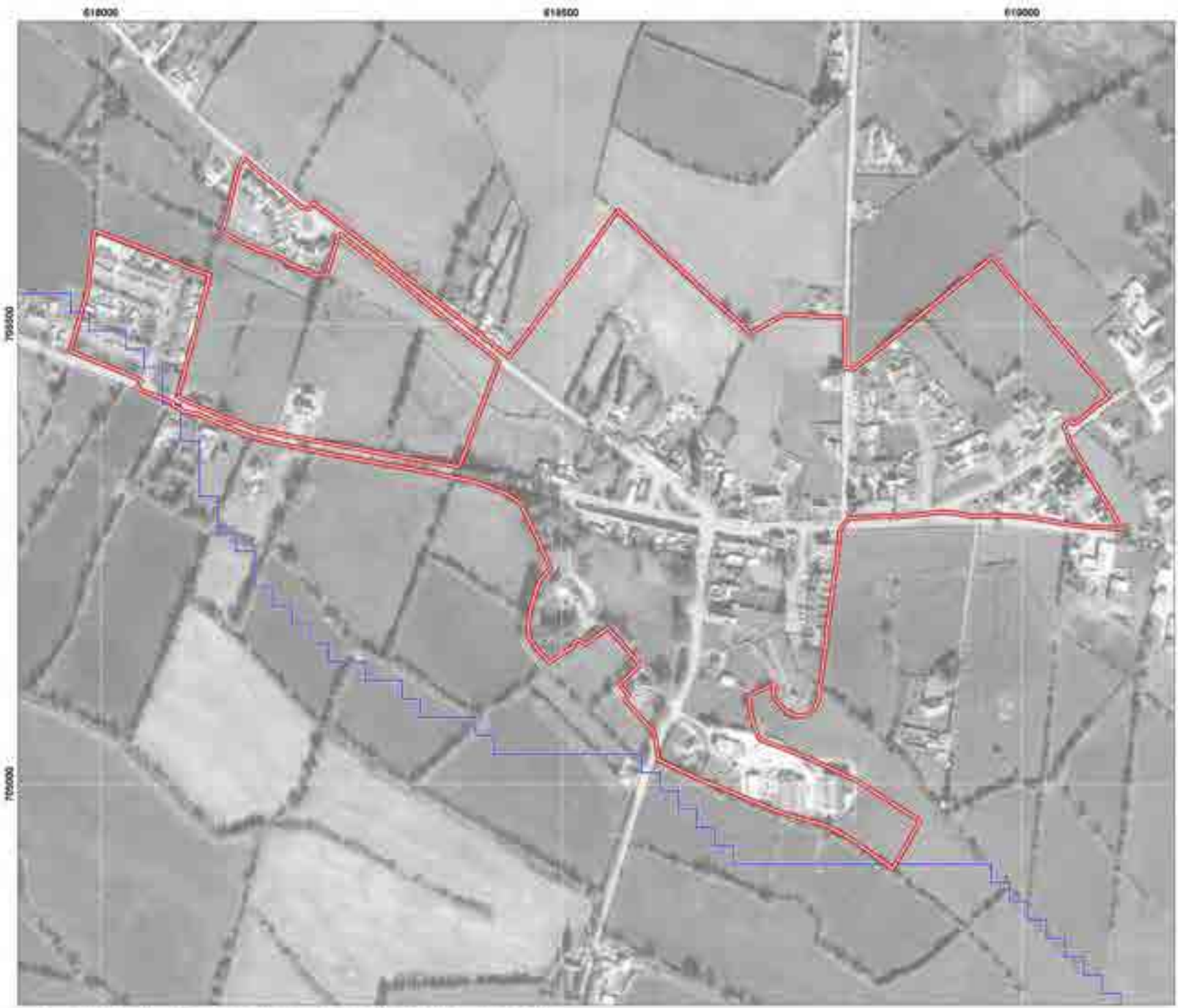
**Kinnitty
OPW Preliminary Flood Risk
Assessment (PFRA)**

-  County
-  Zoning Boundary
-  Rivers & Streams
-  Lakes
-  WFD River Sub-Basins
-  Contours

*PFRA Data supplied by
Offaly County Council*

-  Fluvial 1% AEP
-  Fluvial 0.1% AEP





**Offaly CDP 2021-2027
SFRA**

**Kinnitty
OPW Catchment Flood Risk
Assessment & Management
(CFRAM) Present Day
Scenario**

-  County
-  Zoning Boundary
-  Rivers & Streams
-  Lakes
-  WFD River Sub Basins
-  Contours

CFRAM Present Day

-  Fluvial 10% AEP
-  Fluvial 1% AEP
-  Fluvial 0.1% AEP



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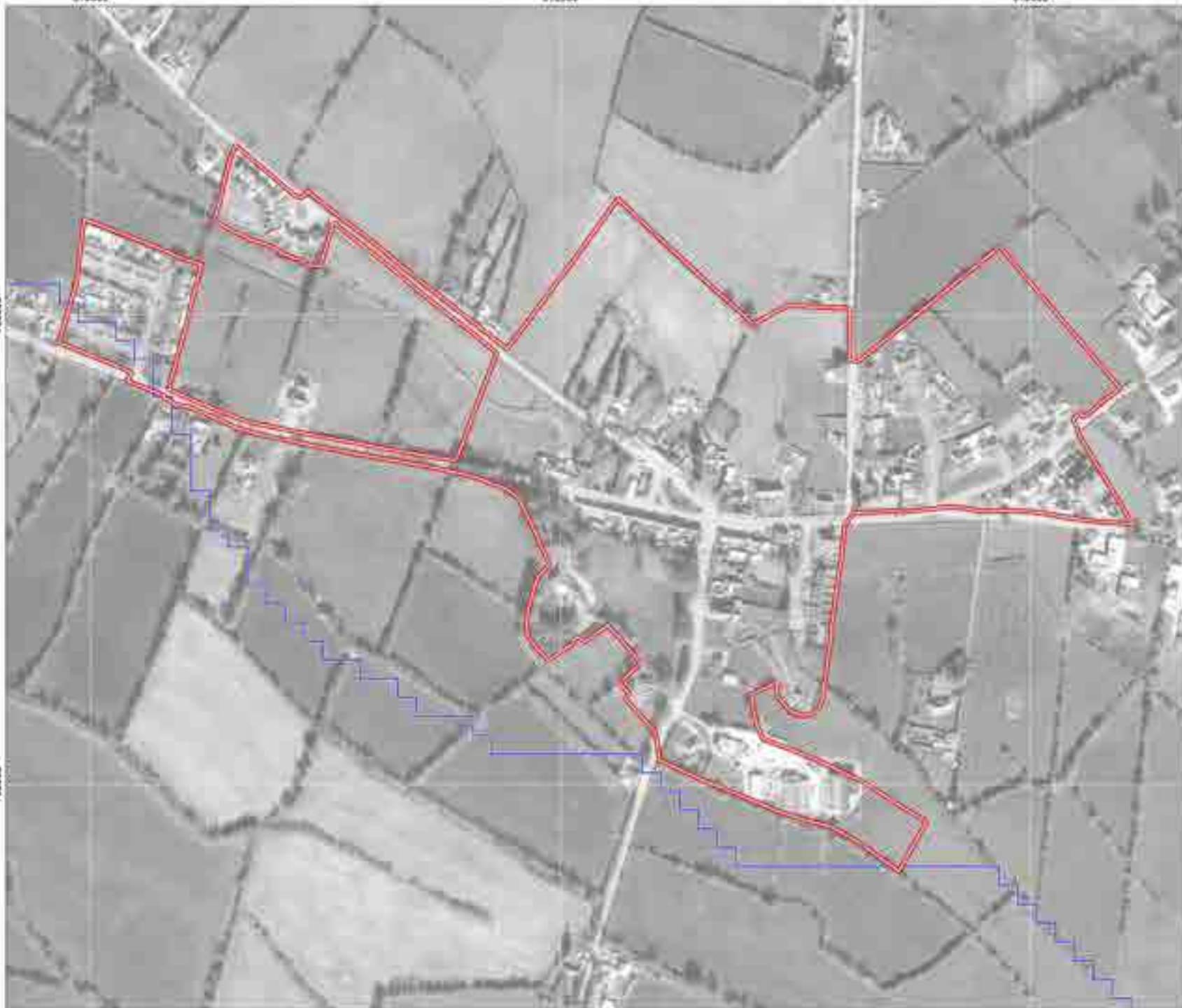
Offaly CDP 2021-2027 SFRA

Kinnitty OPW Catchment Flood Risk Assessment & Management (CFRAM) All Scenarios

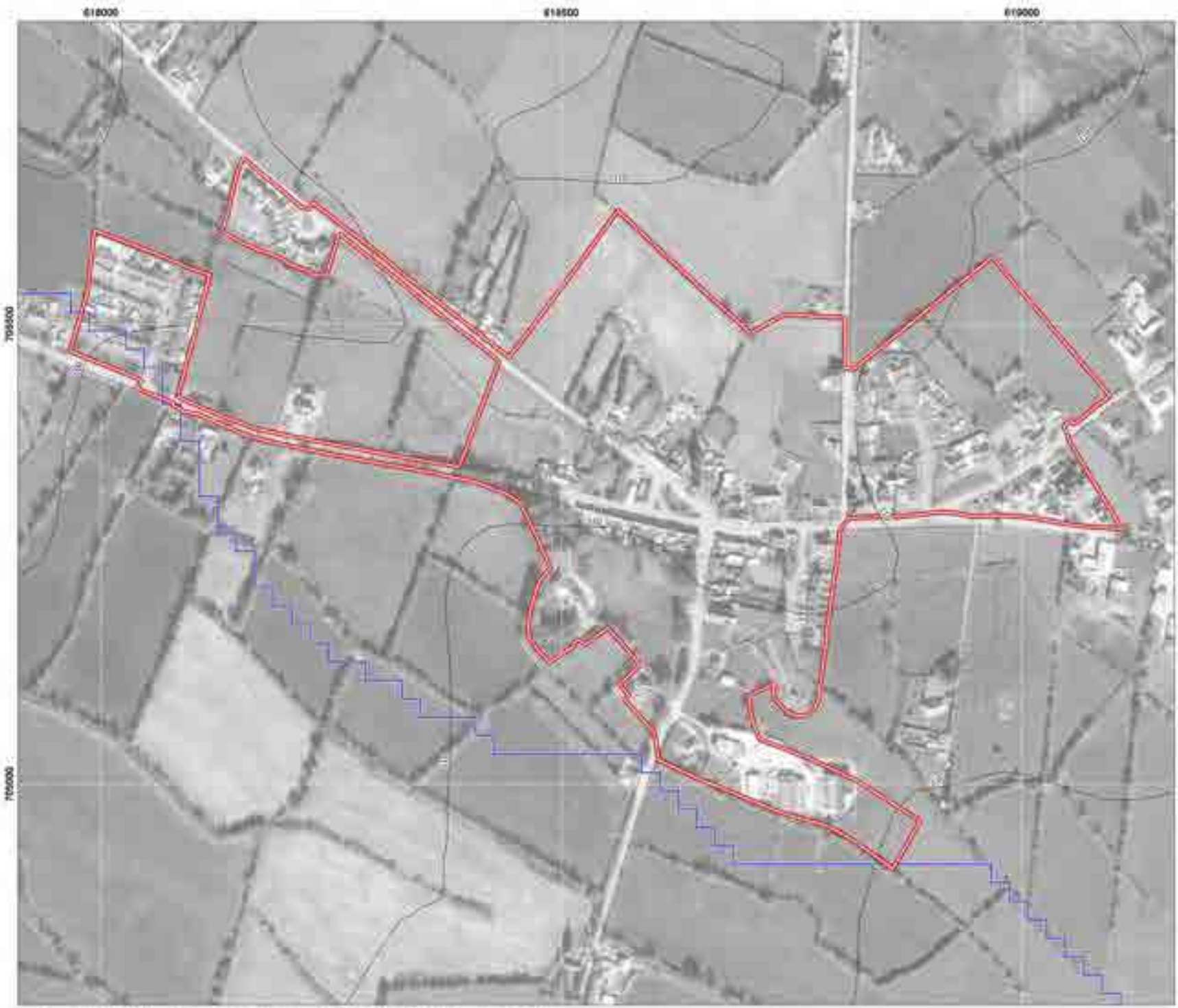
-  County
-  Zoning Boundary
-  Rivers & Streams
-  Lakes
-  WFD River Sub-Basins
-  Contour

CFRAM All Scenarios

-  Present Day Scenario
Fluvial 0.1% AEP
-  Future Mid-Range Scenario
Fluvial 0.1% AEP
-  Future High-End Scenario
Fluvial 0.1% AEP



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**Offaly CDP 2021-2027
SFRA**

**Kinnitty
Indicative Flood Zones**

-  County
-  Zoning Boundary
-  Rivers & Streams
-  Lakes
-  WFD River Sub Basins
-  Contours

Indicative Flood Zones

-  Flood Zone A
-  Flood Zone B



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**Offaly CDP 2021-2027
SFRA**

**Moneygall
Historical Indicators**

- County
- Zoning Boundary
- Rivers & Streams
- Lakes
- WFD River Sub Basins
- Contours

Arterial Drainage Scheme

- Channel
- Embankment
- Benefited Land

Drainage Districts

- Channel
- Embankment
- Benefited Land

Land Commission

- Watercourse
- Embankment
- Benefited Land

OPW Past Flood Events:

- Single Flood Event
- Recurring Flood Event
- OPW Flood Extent

Soils

- Alluvial Soils



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**Offaly CDP 2021-2027
SFRA**

**Moneygall
OPW Preliminary Flood Risk
Assessment (PFRA)**

-  County
-  Zoning Boundary
-  Rivers & Streams
-  Lakes
-  WFD River Sub Basins
-  Contours

*PFRA Data supplied by
Offaly County Council*

-  Fluvial 1% AEP
-  Fluvial 0.1% AEP



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**Offaly CDP 2021-2027
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**Moneygall
OPW Catchment Flood Risk
Assessment & Management
(CFRAM) Present Day
Scenario**

-  County
-  Zoning Boundary
-  Rivers & Streams
-  Lakes
-  WFD River Sub Basins
-  Contours

CFRAM Present Day

-  Fluvial 10% AEP
-  Fluvial 1% AEP
-  Fluvial 0.1% AEP



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**Offaly CDP 2021-2027
SFRA**

**Moneygall
OPW Catchment Flood Risk
Assessment & Management
(CFRAM) All Scenarios**

-  County
-  Zoning Boundary
-  Rivers & Streams
-  Lakes
-  WFD River Sub-Basins
-  Contour

CFRAM All Scenarios

-  Present Day Scenario
Fluvial 0.1% AEP
-  Future Mid-Range Scenario
Fluvial 0.1% AEP
-  Future High-End Scenario
Fluvial 0.1% AEP

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**Offaly CDP 2021-2027
SFRA**

**Moneygall
Indicative Flood Zones**

-  County
-  Zoning Boundary
-  Rivers & Streams
-  Lakes
-  WFD River Sub Basins
-  Contours

Indicative Flood Zones

-  Flood Zone A
-  Flood Zone B



Offaly County Council
Comhairle Chontae Uíbh Rátha

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Offaly CDP 2021-2027 SFRA

Mountbolus Historical Indicators

- County
- Zoning Boundary
- Rivers & Streams
- Lakes
- WFD River Sub Basins
- Contours

Arterial Drainage Scheme

- Channel
- Embankment
- Benefited Land

Drainage Districts

- Channel
- Embankment
- Benefited Land

Land Commission

- Watercourse
- Embankment
- Benefited Land

OPW Past Flood Events

- Single Flood Event
- Recurring Flood Event
- OPW Flood Extent

Soils

- Alluvial Soils



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**Offaly CDP 2021-2027
SFRA**

**Mountbolus
OPW Preliminary Flood Risk
Assessment (PFRA)**

-  County
-  Zoning Boundary
-  Rivers & Streams
-  Lakes
-  WFD River Sub-Basins
-  Contours

*PFRA Data supplied by
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-  Fluvial 1% AEP
-  Fluvial 0.1% AEP



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**Offaly CDP 2021-2027
SFRA**

**Mountbolus
OPW Catchment Flood Risk
Assessment & Management
(CFRAM) Present Day
Scenario**

-  County
-  Zoning Boundary
-  Rivers & Streams
-  Lakes
-  WFD River Sub-Basins
-  Contours

CFRAM Present Day

-  Fluvial 10% AEP
-  Fluvial 1% AEP
-  Fluvial 0.1% AEP



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**Offaly CDP 2021-2027
SFRA**

**Mountbolus
OPW Catchment Flood Risk
Assessment & Management
(CFRAM) All Scenarios**

-  County
-  Zoning Boundary
-  Rivers & Streams
-  Lakes
-  WFD River Sub-Basins
-  Contours

CFRAM All Scenarios

-  Present Day Scenario
Fluvial 0.1% AEP
-  Future Mid-Range Scenario
Fluvial 0.1% AEP
-  Future High-End Scenario
Fluvial 0.1% AEP



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SFRA**

**Mountbolus
Indicative Flood Zones**

-  County
-  Zoning Boundary
-  Rivers & Streams
-  Lakes
-  WFD River Sub Basins
-  Contours

Indicative Flood Zones

-  Flood Zone A
-  Flood Zone B



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SFRA**

**Mucklagh
OPW Catchment Flood Risk
Assessment & Management
(CFRAM) Present Day
Scenario**

-  County
-  Zoning Boundary
-  Rivers & Streams
-  Lakes
-  WFD River Sub Basins
-  Contours

CFRAM Present Day

-  Fluvial 10% AEP
-  Fluvial 1% AEP
-  Fluvial 0.1% AEP



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Mucklagh Indicative Flood Zones

-  County
-  Zoning Boundary
-  Rivers & Streams
-  Lakes
-  WFD River Sub Basins
-  Contours

Indicative Flood Zones

-  Flood Zone A
-  Flood Zone B



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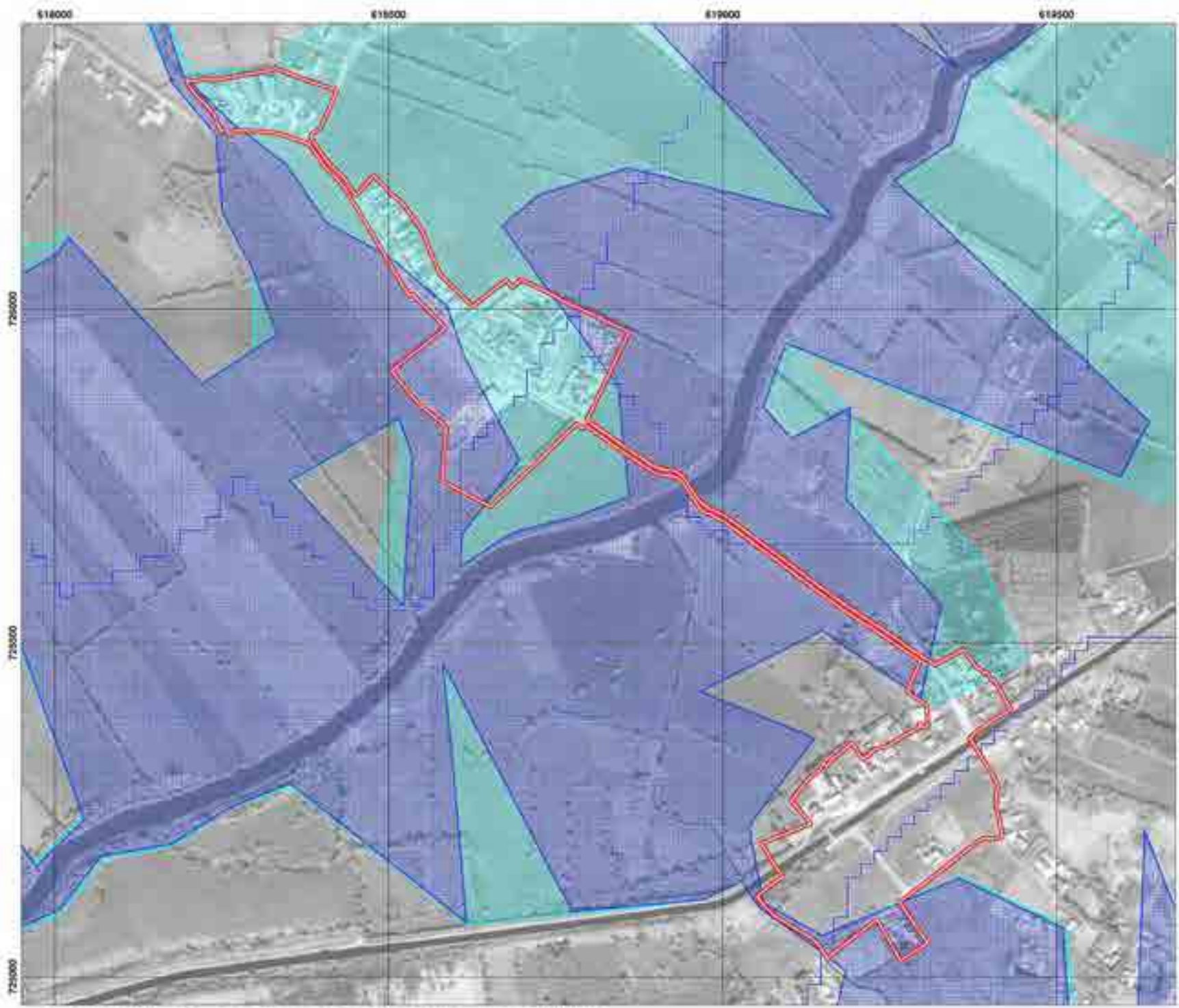
**Offaly CDP 2021-2027
SFRA**

**Pollagh/Lemanaghan
Historical Indicators**

- County
- Zoning Boundary
- Rivers & Streams
- Lakes
- WFD River Sub-Basins
- Contours
- Arterial Drainage Scheme**
 - Channel
 - Embankment
 - Benefited Land
- Drainage Districts**
 - Channel
 - Embankment
 - Benefited Land
- Land Commission**
 - Watercourse
 - Embankment
 - Benefited Land
- OPW Past Flood Events**
 - Single Flood Event
 - Recurring Flood Event
 - OPW Flood Extent
- Soils**
 - Alluvial Soils



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SFRA**

**Pollagh/Lemanaghan
OPW Preliminary Flood Risk
Assessment (PFRA)**

- County
- Zoning Boundary
- Rivers & Streams
- Lakes
- WFD River Sub Basins
- Contours

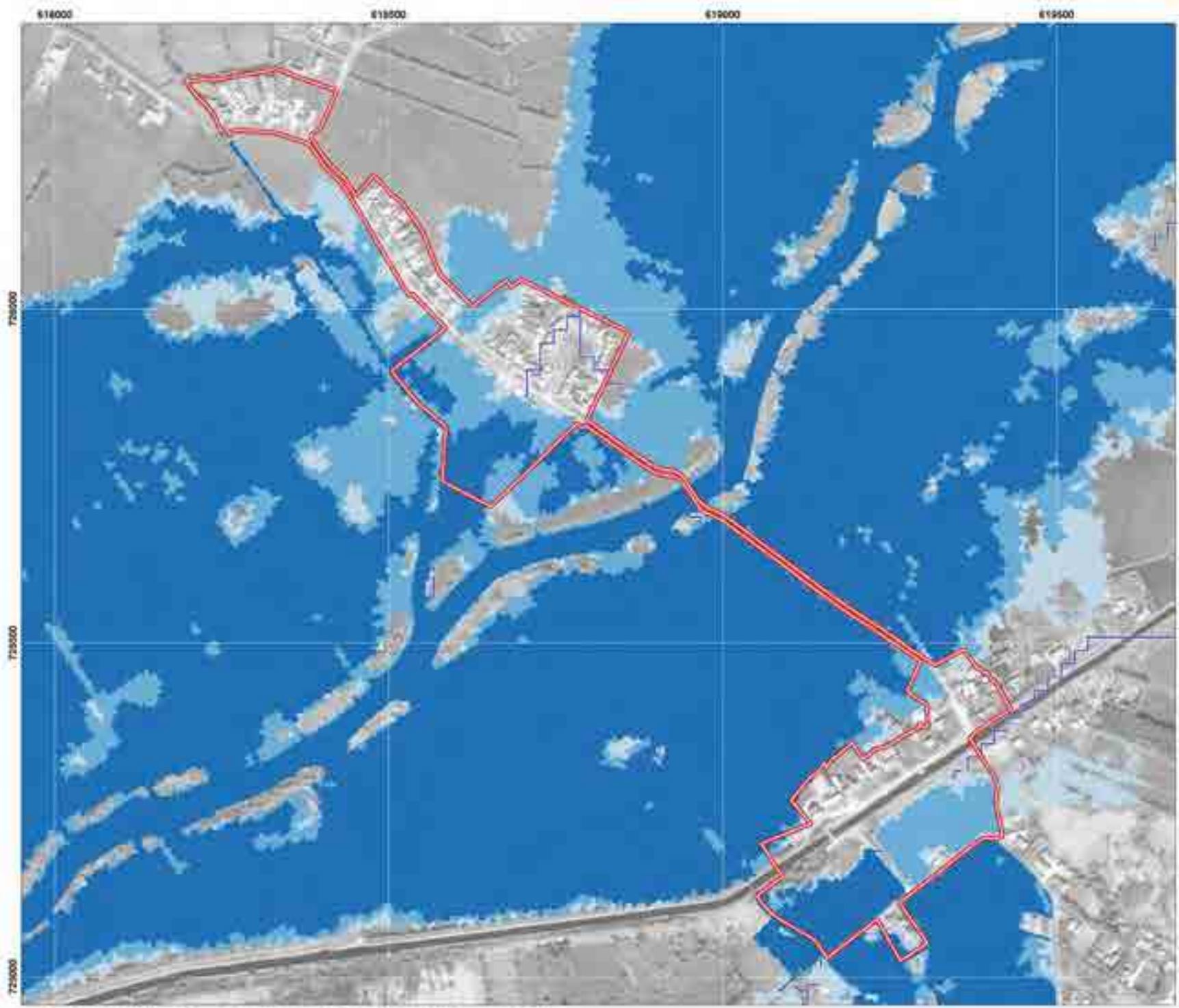
*PFRA Data supplied by
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- Fluvial 1% AEP
- Fluvial 0.1% AEP



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SFRA**

**Pollagh/Lemanaghan
OPW Catchment Flood Risk
Assessment & Management
(CFRAM) Present Day
Scenario**

- County
- Zoning Boundary
- Rivers & Streams
- Lakes
- WFD River Sub-Basins
- Contours

CFRAM Present Day

- Fluvial 10% AEP
- Fluvial 1% AEP
- Fluvial 0.1% AEP



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SFRA**

**Pollagh/Lemanaghan
OPW Catchment Flood Risk
Assessment & Management
(CFRAM) All Scenarios**

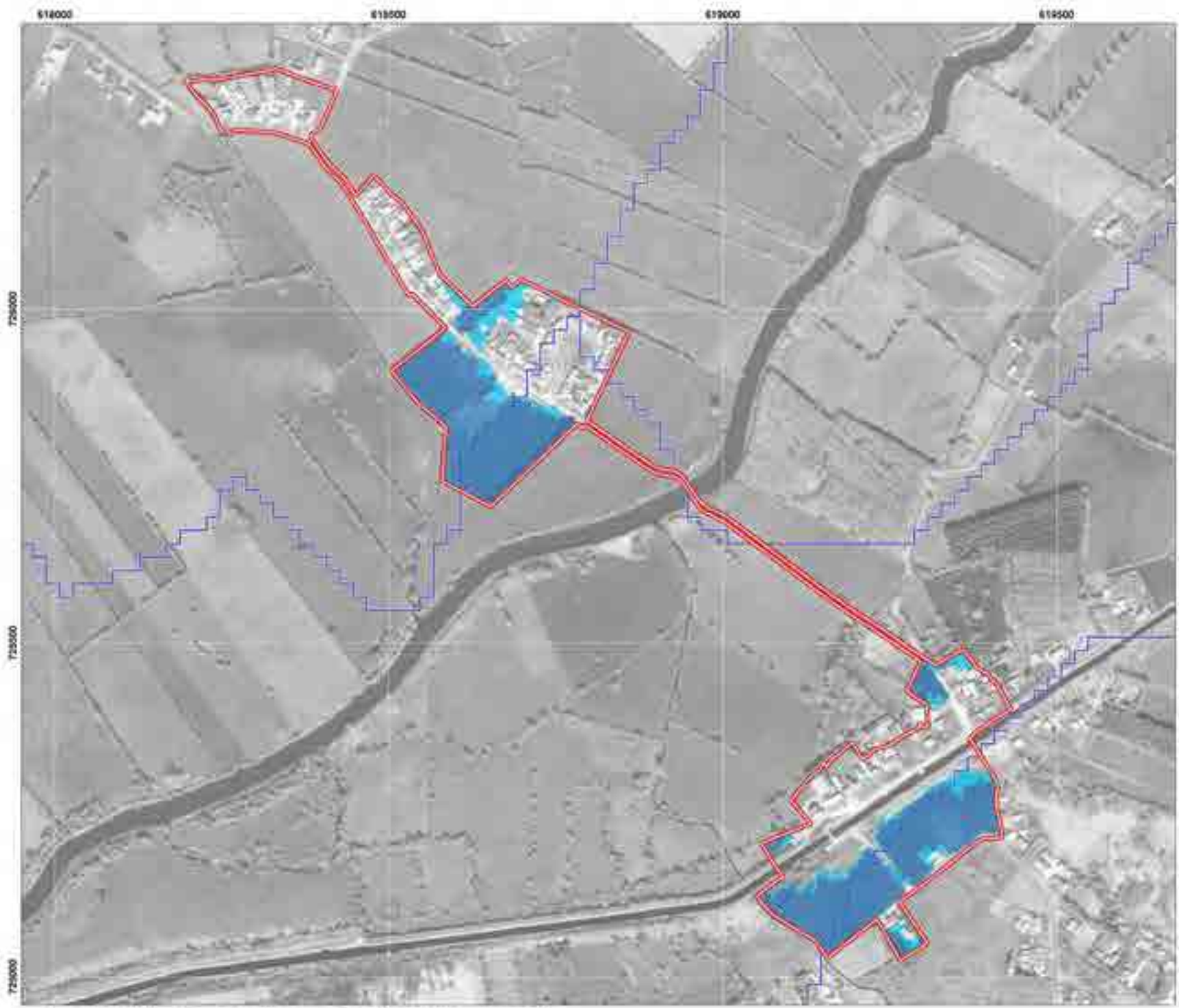
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-  Zoning Boundary
-  Rivers & Streams
-  Lakes
-  WFD River Sub-Basins
-  Contours

CFRAM All Scenarios

-  Present Day Scenario
Fluvial 0.1% AEP
-  Future Mid-Range Scenario
Fluvial 0.1% AEP
-  Future High-End Scenario
Fluvial 0.1% AEP



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**Offaly CDP 2021-2027
SFRA**

**Pollagh/Lemanaghan
Indicative Flood Zones**

-  County
 -  Zoning Boundary
 -  Rivers & Streams
 -  Lakes
 -  WFD River Sub Basins
 -  Contours
- Indicative Flood Zones*
-  Flood Zone A
 -  Flood Zone B



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SFRA**

**Rahan
OPW Preliminary Flood Risk
Assessment (PFRA)**

-  County
-  Zoning Boundary
-  Rivers & Streams
-  Lakes
-  WFD River Sub Basins
-  Contours

*PFRA Data supplied by
Offaly County Council*

-  Fluvial 1% AEP
-  Fluvial 0.1% AEP



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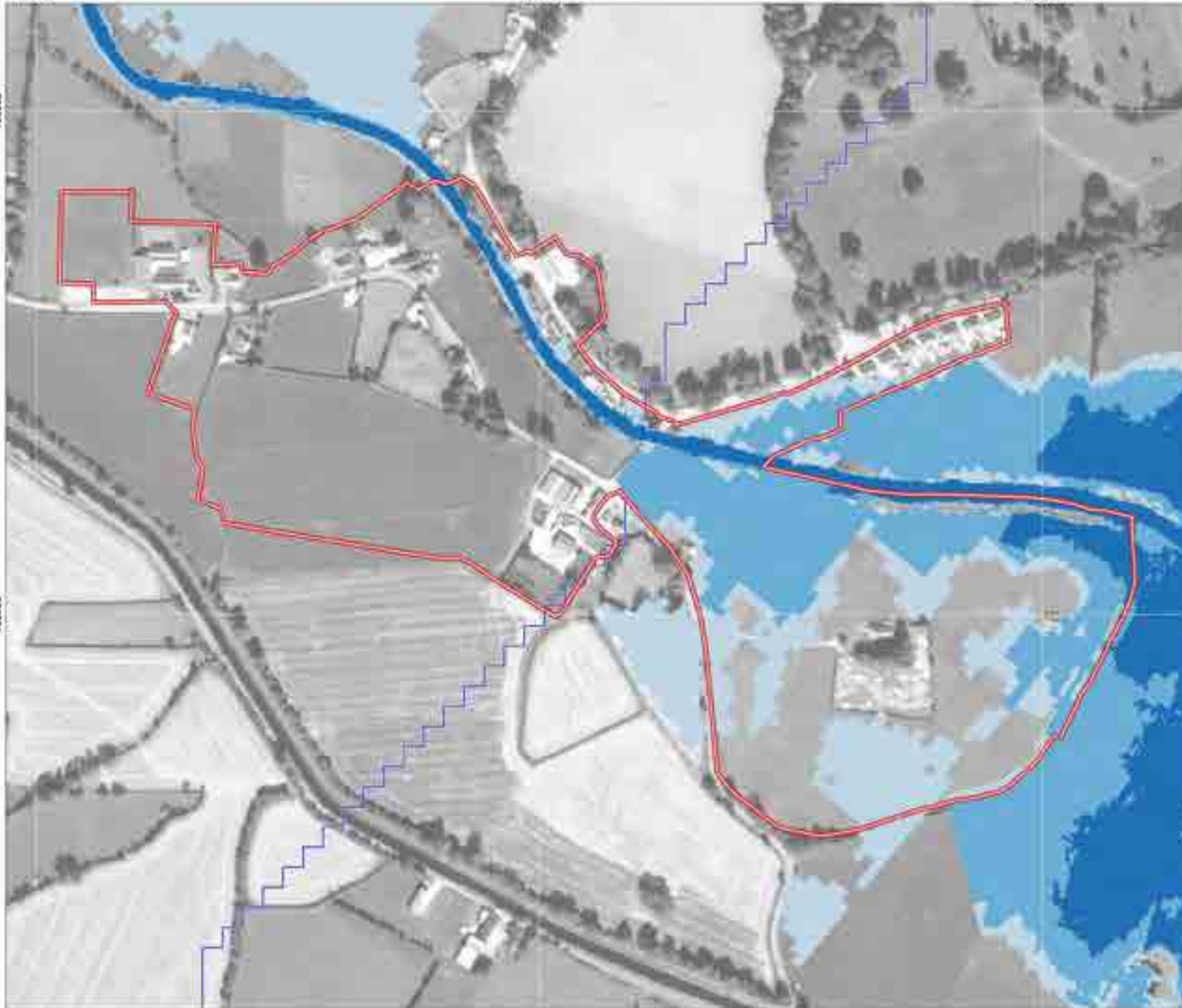
Offaly CDP 2021-2027 SFRA

Rahan
OPW Catchment Flood Risk
Assessment & Management
(CFRAM) Present Day
Scenario

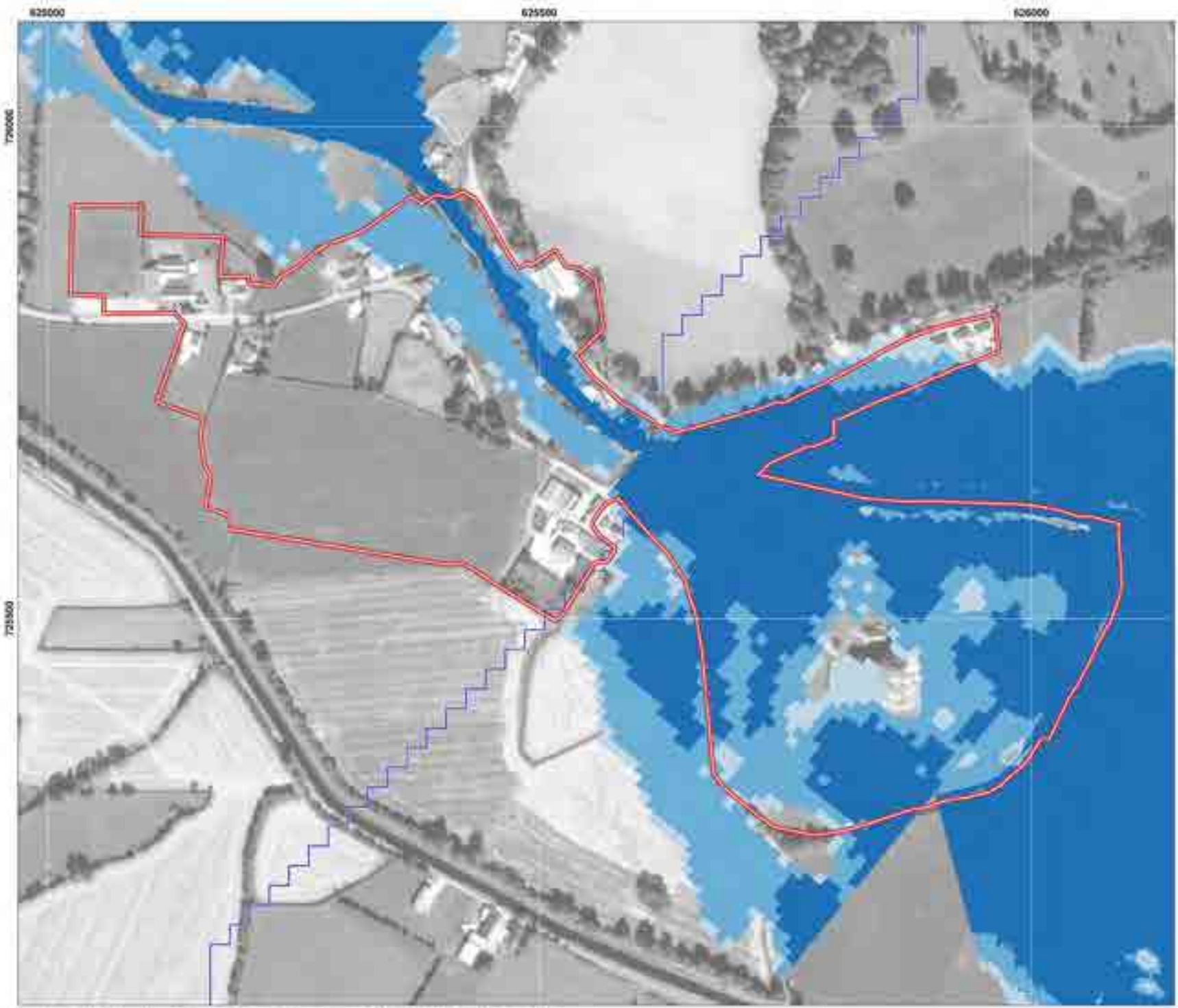
-  County
-  Zoning Boundary
-  Rivers & Streams
-  Lakes
-  WFD River Sub Basins
-  Contours

CFRAM Present Day

-  Fluvial 10% AEP
-  Fluvial 1% AEP
-  Fluvial 0.1% AEP



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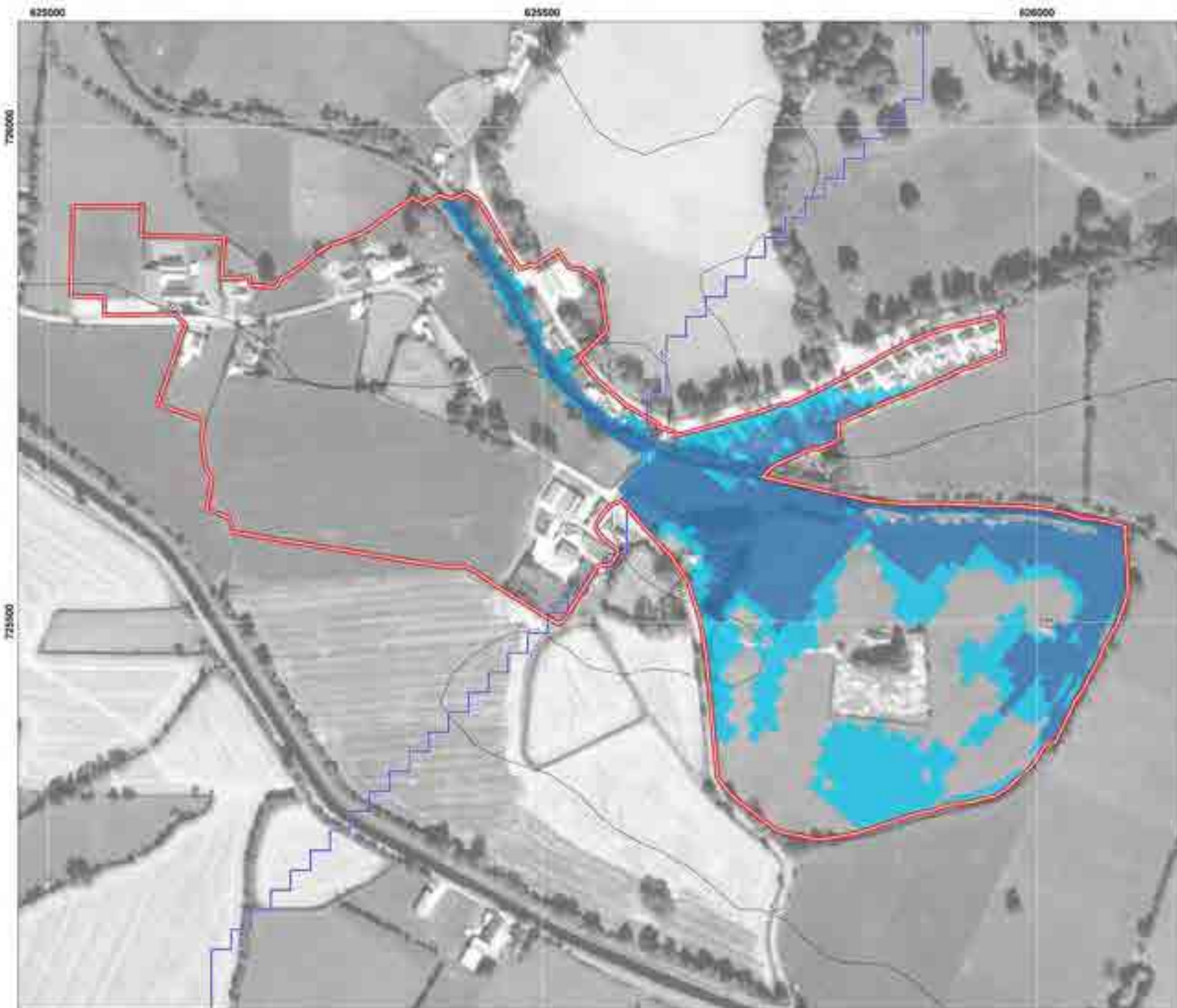
**Offaly CDP 2021-2027
SFRA**

**Rahan
OPW Catchment Flood Risk
Assessment & Management
(CFRAM) All Scenarios**

- County
- Zoning Boundary
- Rivers & Streams
- Lakes
- WFD River Sub-Basins
- Contour

- CFRAM All Scenarios:**
- Present Day Scenario
Fluvial 0.1% AEP
 - Future Mid-Range Scenario
Fluvial 0.1% AEP
 - Future High-End Scenario
Fluvial 0.1% AEP





**Offaly CDP 2021-2027
SFRA**

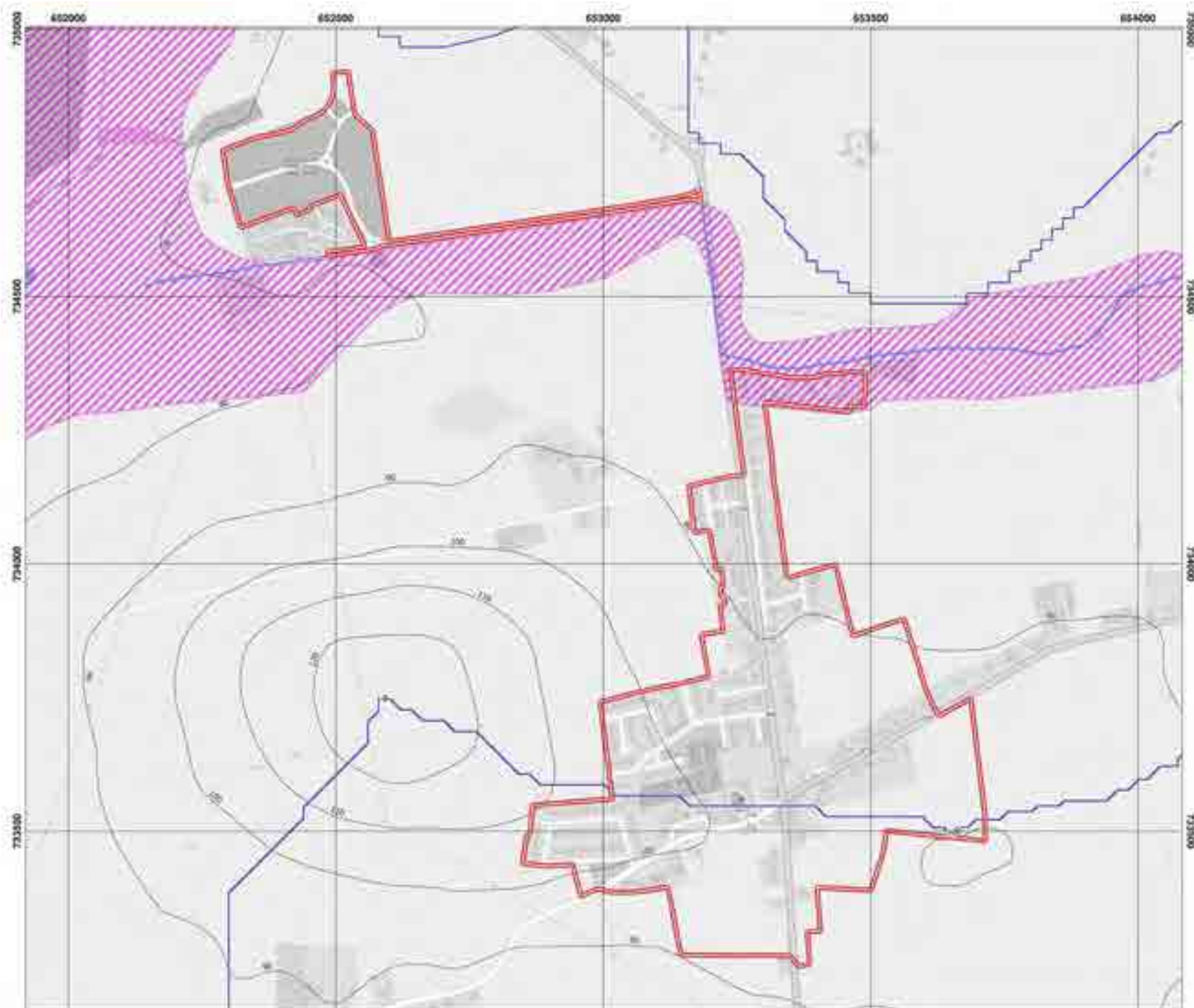
**Rahan
Indicative Flood Zones**

-  County
 -  Zoning Boundary
 -  Rivers & Streams
 -  Lakes
 -  WFD River Sub Basins
 -  Contours
- Indicative Flood Zones**
-  Flood Zone A
 -  Flood Zone B



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Rhode Historical Indicators



- County
- Zoning Boundary
- Rivers & Streams
- Lakes
- WFD River Sub Basins
- Contours
- Arterial Drainage Scheme**
 - Channel
 - Embankment
 - Benefited Land
- Drainage Districts**
 - Channel
 - Embankment
 - Benefited Land
- Land Commission**
 - Watercourse
 - Embankment
 - Benefited Land
- OPW Past Flood Events**
 - Single Flood Event
 - Recurring Flood Event
 - OPW Flood Extent
- Soils**
 - Alluvial Soils



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Rhode OPW Preliminary Flood Risk Assessment (PFRA)

- County
- Zoning Boundary
- Rivers & Streams
- Lakes
- WFD River Sub-Basins
- Contours

*PFRA Data supplied by
Offaly County Council*

- Fluvial 1% AEP
- Fluvial 0.1% AEP



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**Offaly CDP 2021-2027
SFRA**

**Rhode
OPW Catchment Flood Risk
Assessment & Management
(CFRAM) Present Day
Scenario**

- County
- Zoning Boundary
- Rivers & Streams
- Lakes
- WFD River Sub Basins
- Contours

CFRAM Present Day

- Fluvial 10% AEP
- Fluvial 1% AEP
- Fluvial 0.1% AEP



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Rhode
OPW Catchment Flood Risk
Assessment & Management
(CFRAM) All Scenarios

- County
- Zoning Boundary
- Rivers & Streams
- Lakes
- WFD River Sub-Basins
- Contours

- CFRAM All Scenarios**
- Present Day Scenario
Fluvial 0.1% AEP
 - Future Mid-Range Scenario
Fluvial 0.1% AEP
 - Future High-End Scenario
Fluvial 0.1% AEP





**Offaly CDP 2021-2027
SFRA**

**Rhode
Indicative Flood Zones**

-  County
-  Zoning Boundary
-  Rivers & Streams
-  Lakes
-  WFD River Sub Basins
-  Contours

Indicative Flood Zones

-  Flood Zone A
-  Flood Zone II



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SFRA**

**Riverstown
OPW Preliminary Flood Risk
Assessment (PFRA)**

-  County
-  Zoning Boundary
-  Rivers & Streams
-  Lakes
-  WFD River Sub Basins
-  Contours

*PFRA Data supplied by
Offaly County Council*

-  Fluvial 1% AEP
-  Fluvial 0.1% AEP



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**Offaly CDP 2021-2027
SFRA**

**Riverstown
OPW Catchment Flood Risk
Assessment & Management
(CFRAM) Present Day
Scenario**

-  County
-  Zoning Boundary
-  Rivers & Streams
-  Lakes
-  WFD River Sub Basins
-  Contours

CFRAM Present Day

-  Fluvial 10% AEP
-  Fluvial 1% AEP
-  Fluvial 0.1% AEP



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**Offaly CDP 2021-2027
SFRA**

**Riverstown
OPW Catchment Flood Risk
Assessment & Management
(CFRAM) All Scenarios**

-  County
-  Zoning Boundary
-  Rivers & Streams
-  Lakes
-  WFD River Sub-Basins
-  Contour

CFRAM All Scenarios

-  Present Day Scenario
Fluvial 0.1% AEP
-  Future Mid-Range Scenario
Fluvial 0.1% AEP
-  Future High-End Scenario
Fluvial 0.1% AEP

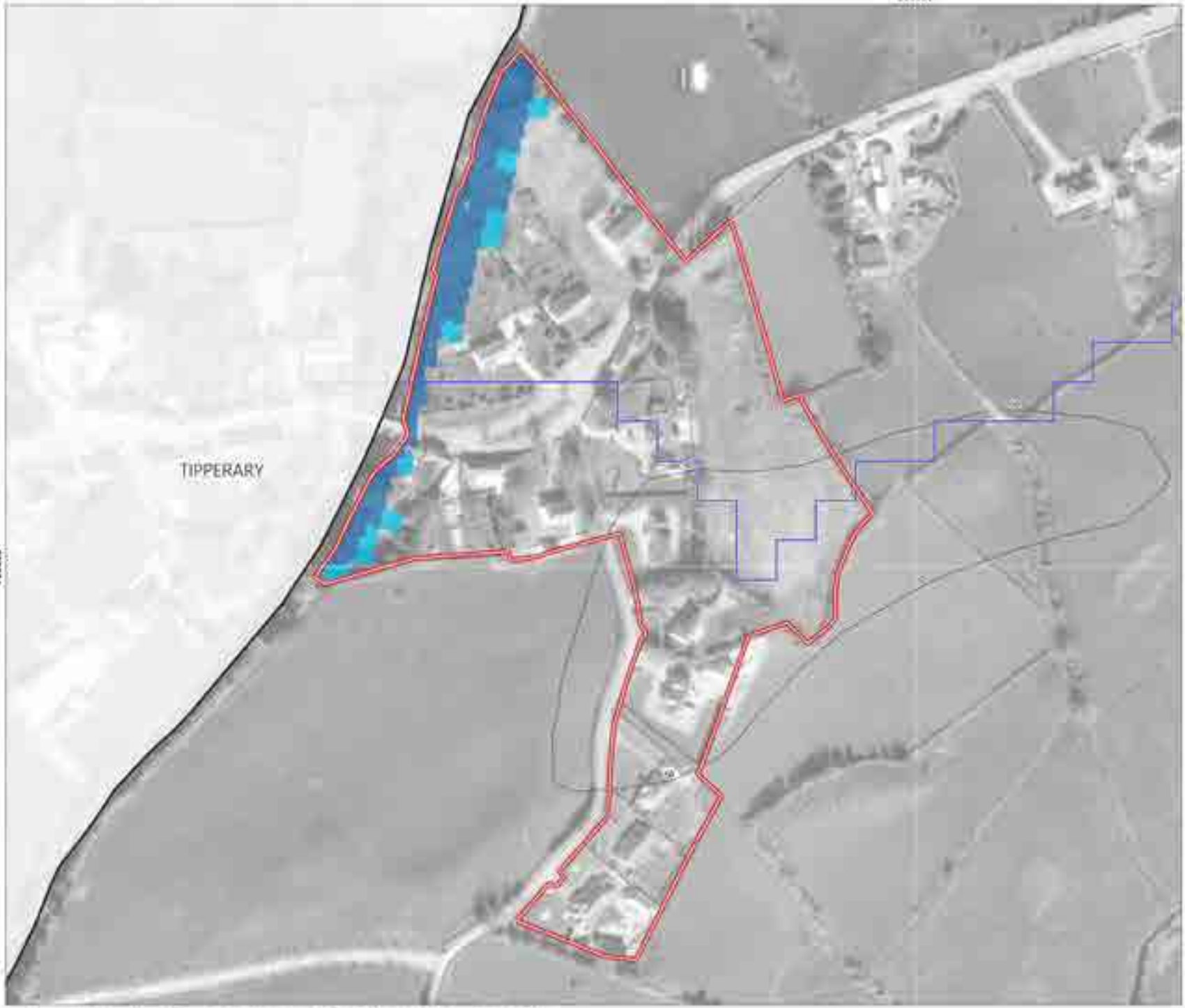
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**Offaly CDP 2021-2027
SFRA**

**Riverstown
Indicative Flood Zones**

-  County
-  Zoning Boundary
-  Rivers & Streams
-  Lakes
-  WFD River Sub-Basins
-  Contours

Indicative Flood Zones

-  Flood Zone A
-  Flood Zone B







**Offaly CDP 2021-2027
SFRA**

**Shannonbridge
OPW Preliminary Flood Risk
Assessment (PFRA)**

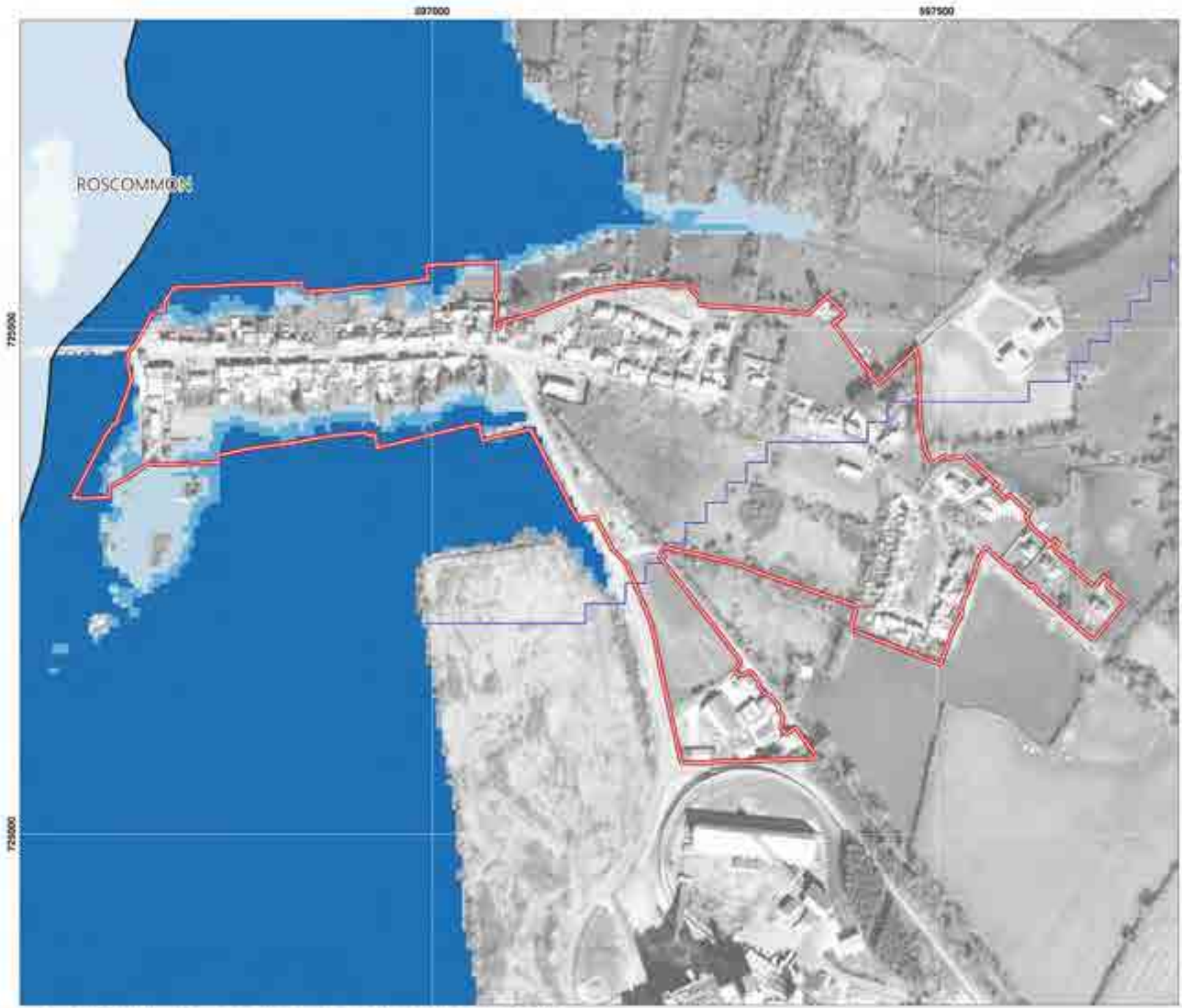
-  County
-  Zoning Boundary
-  Rivers & Streams
-  Lakes
-  WFD River Sub Basins
-  Contours

*PFRA Data supplied by
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-  Fluvial 1% AEP
-  Fluvial 0.1% AEP



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SFRA**

**Shannonbridge
OPW Catchment Flood Risk
Assessment & Management
(CFRAM) Present Day
Scenario**

-  County
-  Zoning Boundary
-  Rivers & Streams
-  Lakes
-  WFD River Sub-Basins
-  Contours

CFRAM Present Day

-  Fluvial 10% AEP
-  Fluvial 1% AEP
-  Fluvial 0.1% AEP



Offaly County Council
Comhairle Chontae Uíbh Rátha

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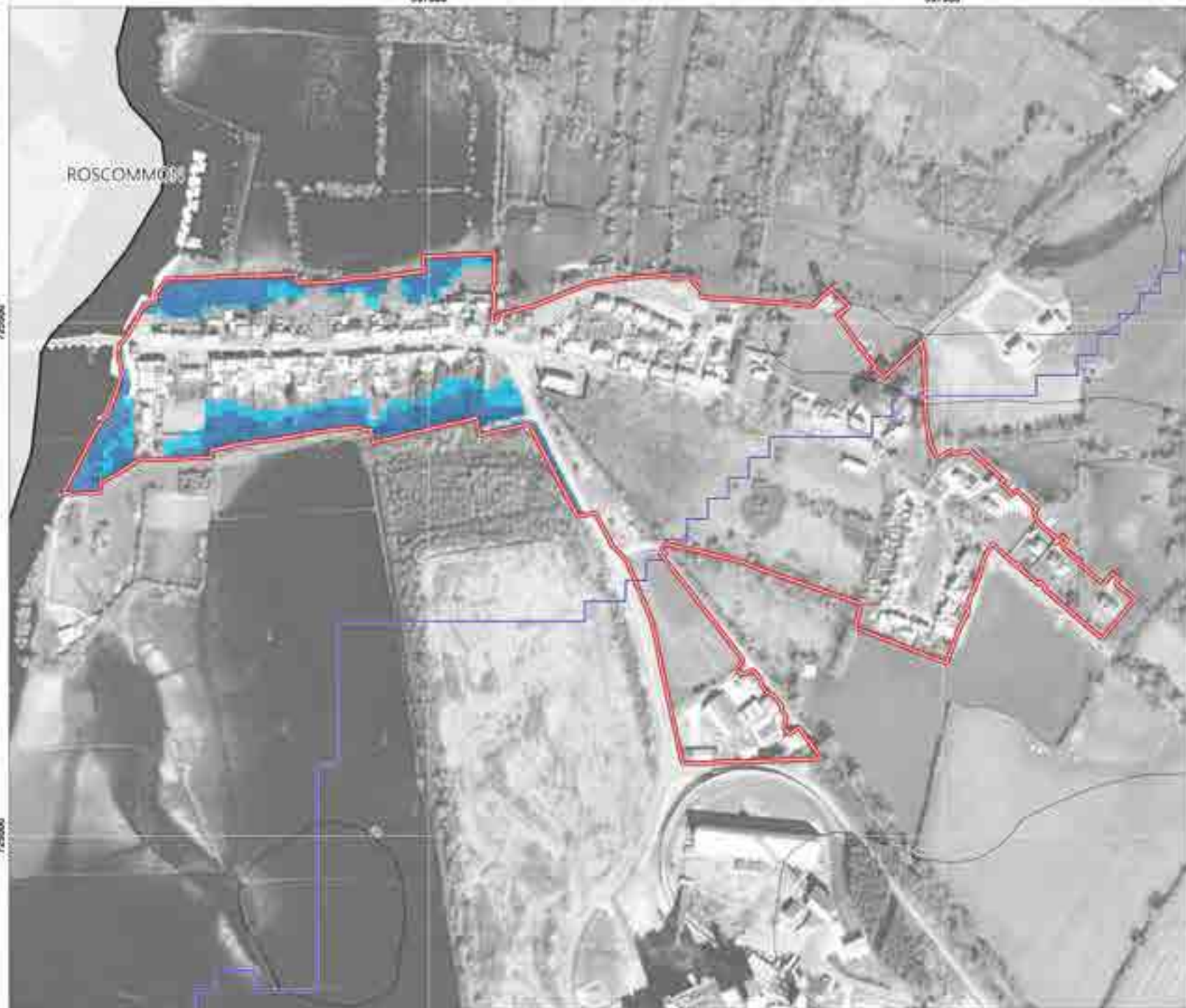
Offaly CDP 2021-2027 SFRA

Shannonbridge Indicative Flood Zones

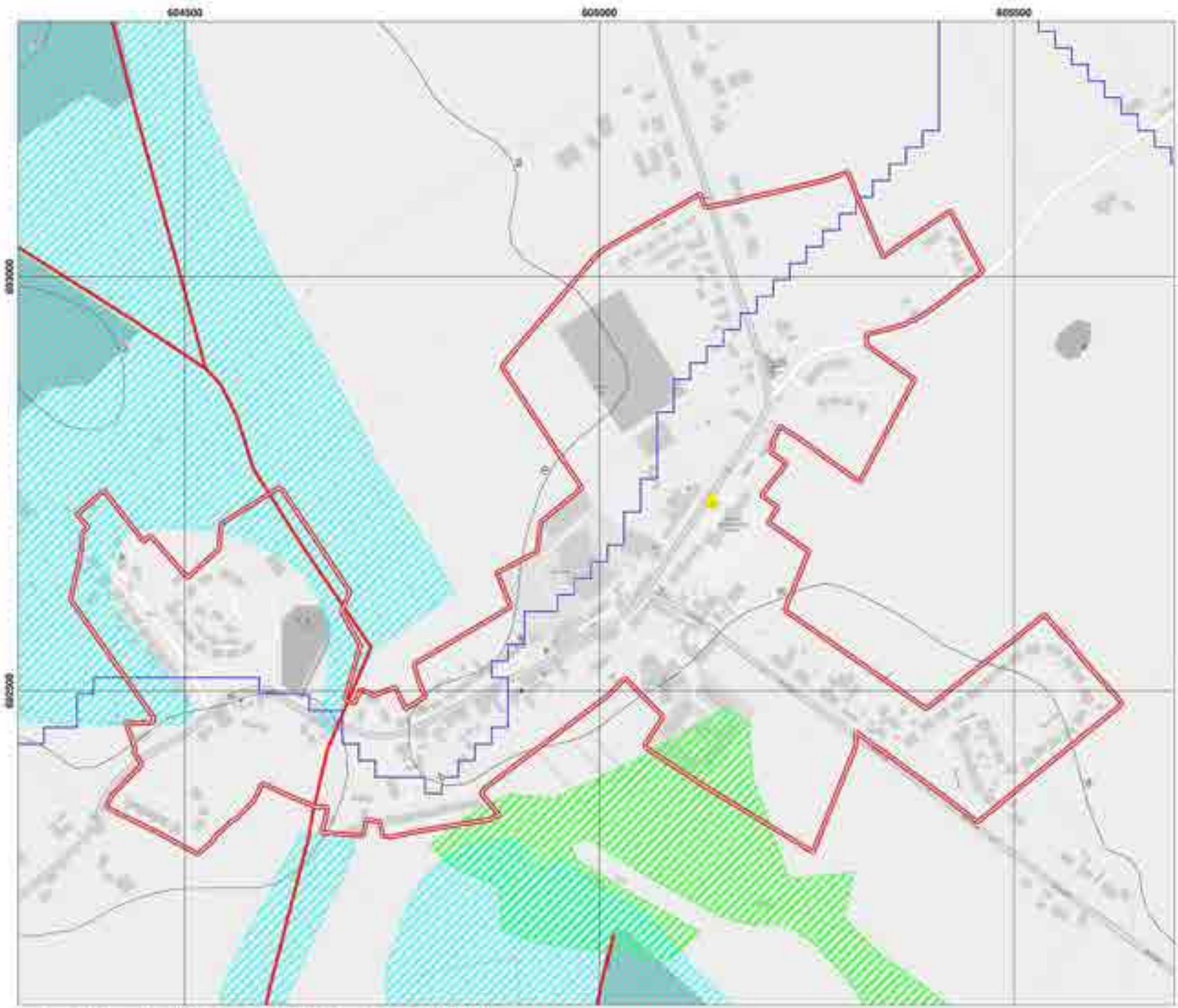
-  County
-  Zoning Boundary
-  Rivers & Streams
-  Lakes
-  WFD River Sub Basins
-  Contours

Indicative Flood Zones

-  Flood Zone A
-  Flood Zone B



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SFRA**

**Shinrone
Historical Indicators**

- County
- Zoning Boundary
- Rivers & Streams
- Lakes
- WFD River Sub-Basins
- Contours

Arterial Drainage Scheme

- Channel
- Embankment
- Benefited Land

Drainage Districts

- Channel
- Embankment
- Benefited Land

Land Commission

- Watercourse
- Embankment
- Benefited Land

OPW Past Flood Events

- Single Flood Event
- Recurring Flood Event
- OPW Flood Extent

Soils

- Alluvial Soils





**Offaly CDP 2021-2027
SFRA**

**Shinrone
OPW Preliminary Flood Risk
Assessment (PFRA)**

-  County
-  Zoning Boundary
-  Rivers & Streams
-  Lakes
-  WFD River Sub Basins
-  Contours

*PFRA Data supplied by
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-  Fluvial 1% AEP
-  Fluvial 0.1% AEP



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Source: Microsoft Corporation © 2000. Digital Globe Distribution 4/2005. (SIP, OPW) & Offaly County Council

604000

600000

605000

803000

804000

802000

803000



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Shinrone
OPW Catchment Flood Risk
Assessment & Management
(CFRAM) Present Day
Scenario

-  County
-  Zoning Boundary
-  Rivers & Streams
-  Lakes
-  WFD River Sub Basins
-  Contours

CFRAM Present Day

-  Fluvial 10% AEP
-  Fluvial 1% AEP
-  Fluvial 0.1% AEP



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604500

600000

605500

603000

604000

602000

603000



Offaly CDP 2021-2027 SFRA

Shinrone
OPW Catchment Flood Risk
Assessment & Management
(CFRAM) All Scenarios

-  County
-  Zoning Boundary
-  Rivers & Streams
-  Lakes
-  WFD River Sub-Basins
-  Contours

CFRAM All Scenarios

-  Present Day Scenario
Fluvial 0.1% AEP
-  Future Mid-Range Scenario
Fluvial 0.1% AEP
-  Future High-End Scenario
Fluvial 0.1% AEP



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804500

805000

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803000

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Offaly CDP 2021-2027 SFRA

Shinrone Indicative Flood Zones

-  County
-  Zoning Boundary
-  Rivers & Streams
-  Lakes
-  WFD River Sub Basins
-  Contours

Indicative Flood Zones

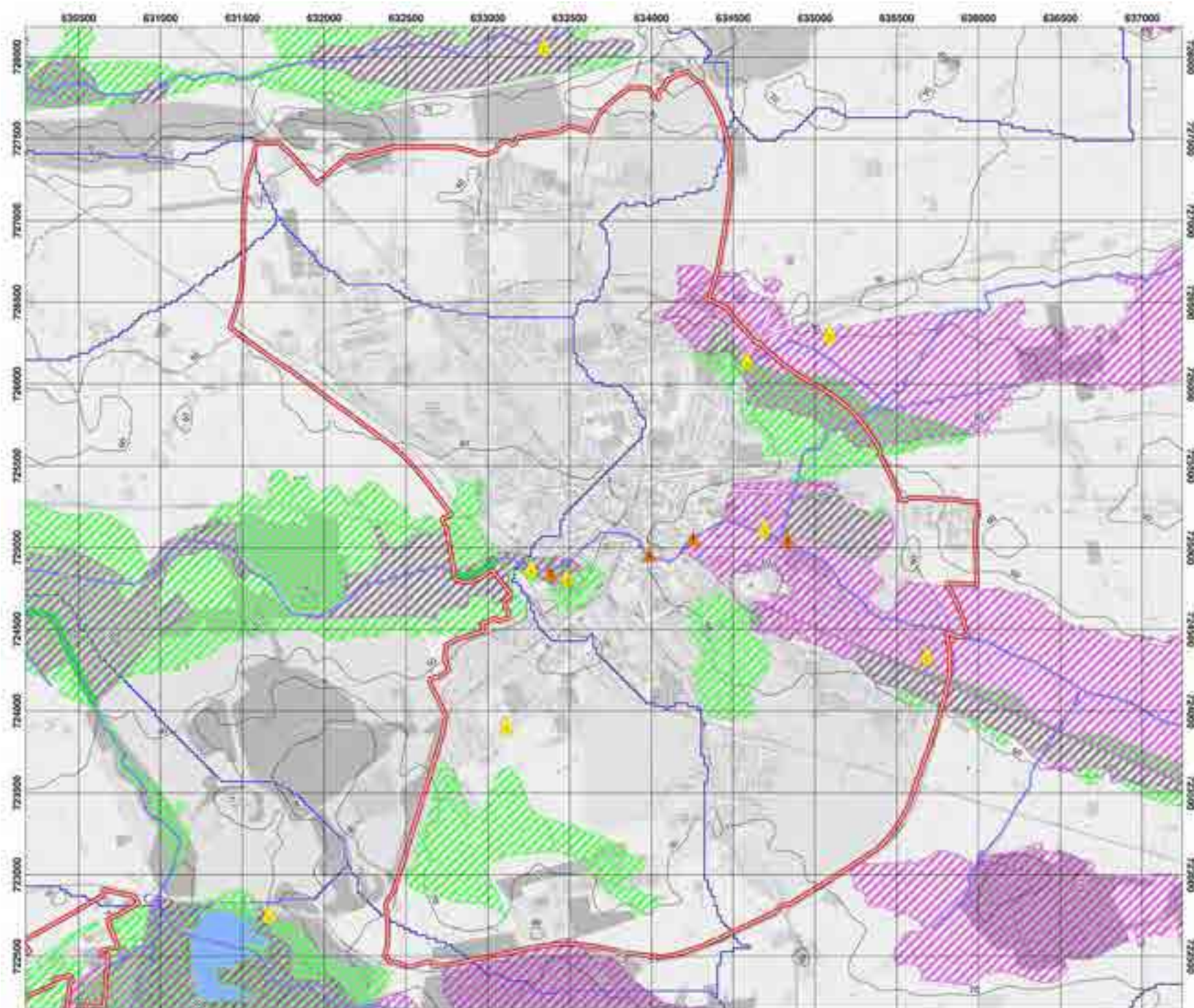
-  Flood Zone A
-  Flood Zone B



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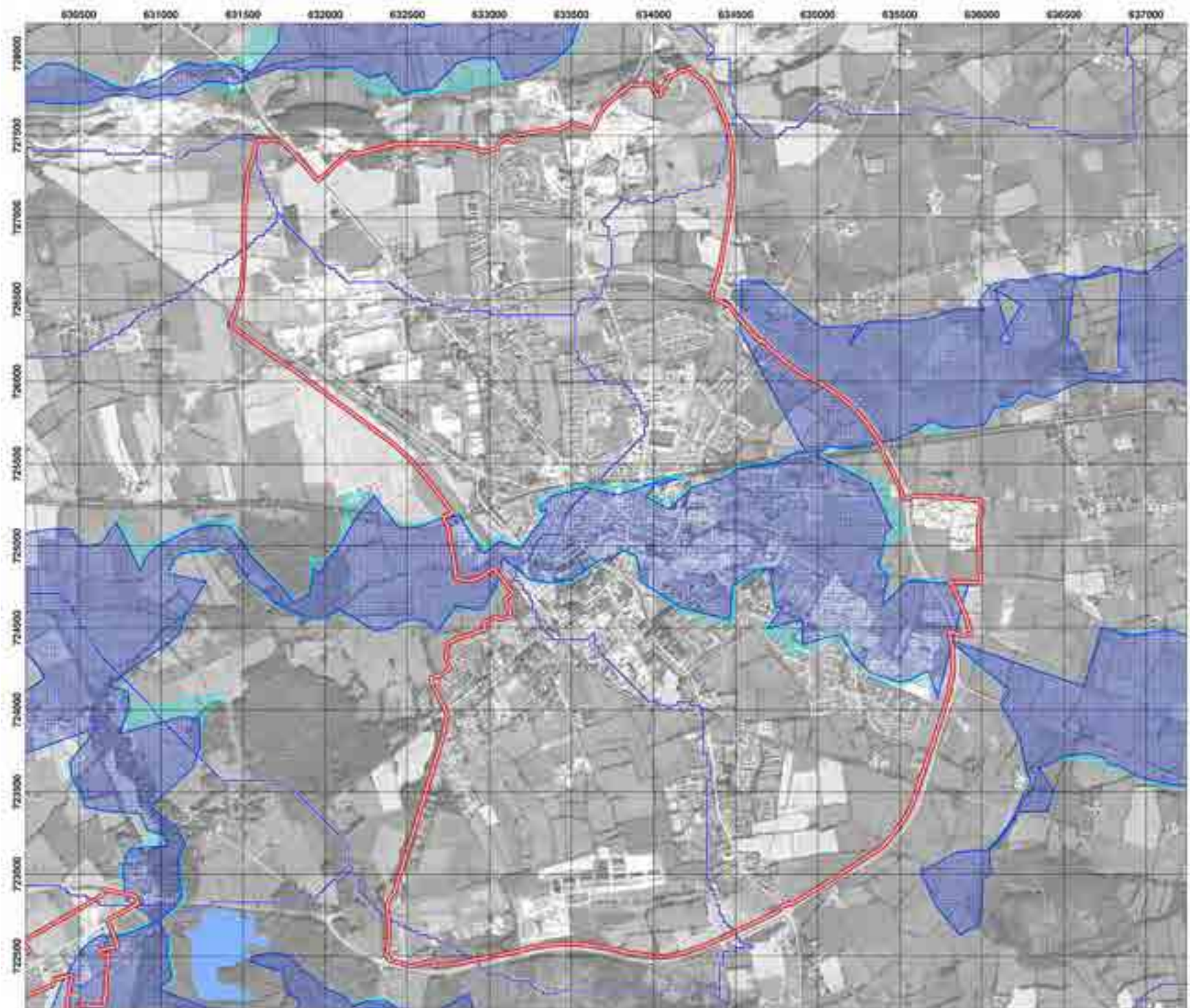
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Tullamore Historical Indicators



- County
- Zoning Boundary
- Rivers & Streams
- Lakes
- WFD River Sub Basins
- Contours
- Arterial Drainage Scheme**
 - Channel
 - Embankment
 - Benefited Land
- Drainage Districts**
 - Channel
 - Embankment
 - Benefited Land
- Land Commission**
 - Watercourse
 - Embankment
 - Benefited Land
- OPW Past Flood Events**
 - Single Flood Event
 - Recurring Flood Event
 - OPW Flood Extent
- Soils**
 - Alluvial Soils





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SFRA**

**Tullamore
OPW Preliminary Flood Risk
Assessment (PFRA)**

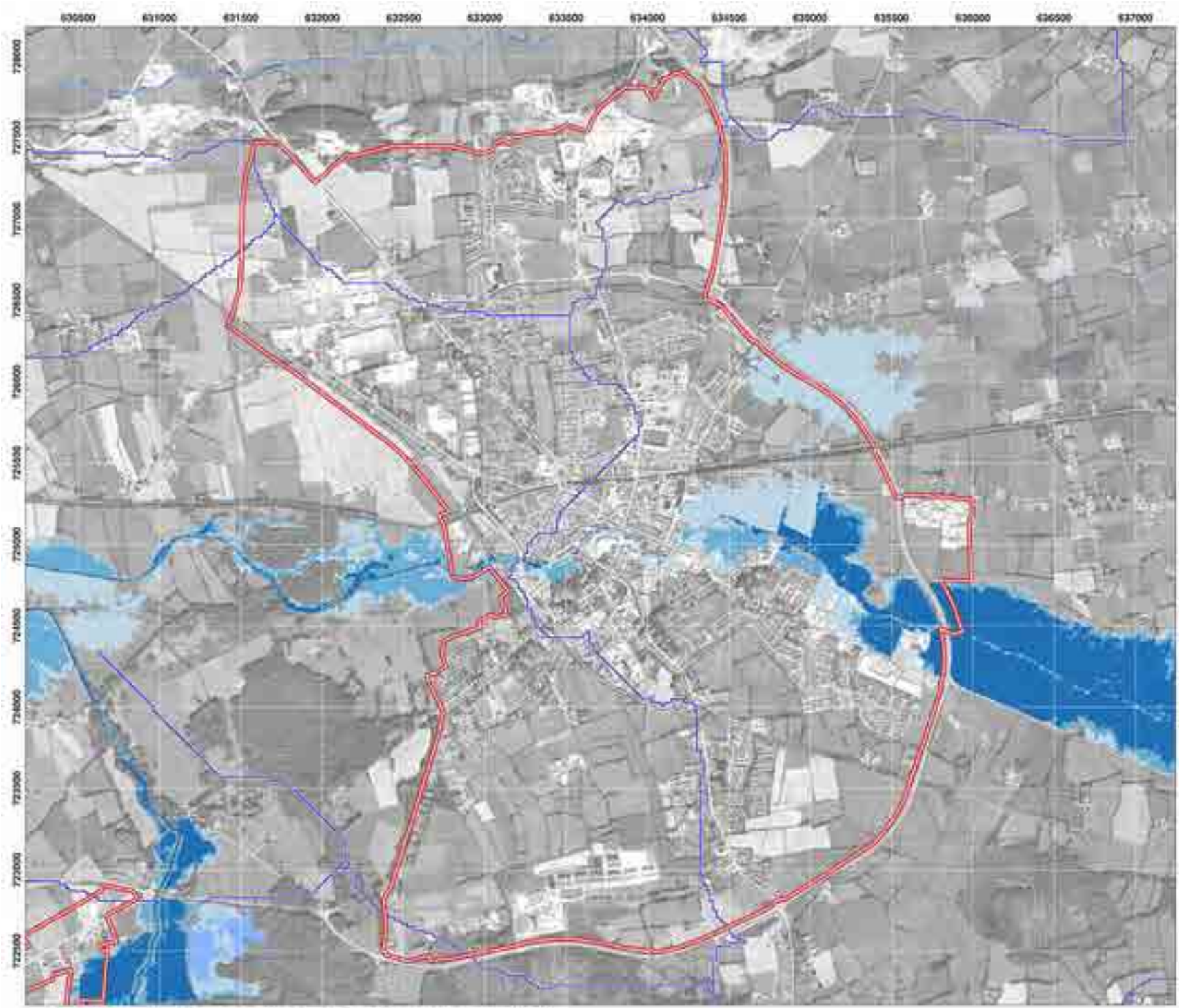
-  County
-  Zoning Boundary
-  Rivers & Streams
-  Lakes
-  WFD River Sub Basins
-  Contours

*PFRA Data supplied by
Offaly County Council*

-  Fluvial 1% AEP
-  Fluvial 0.1% AEP



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SFRA**

**Tullamore
OPW Catchment Flood Risk
Assessment & Management
(CFRAM) Present Day
Scenario**

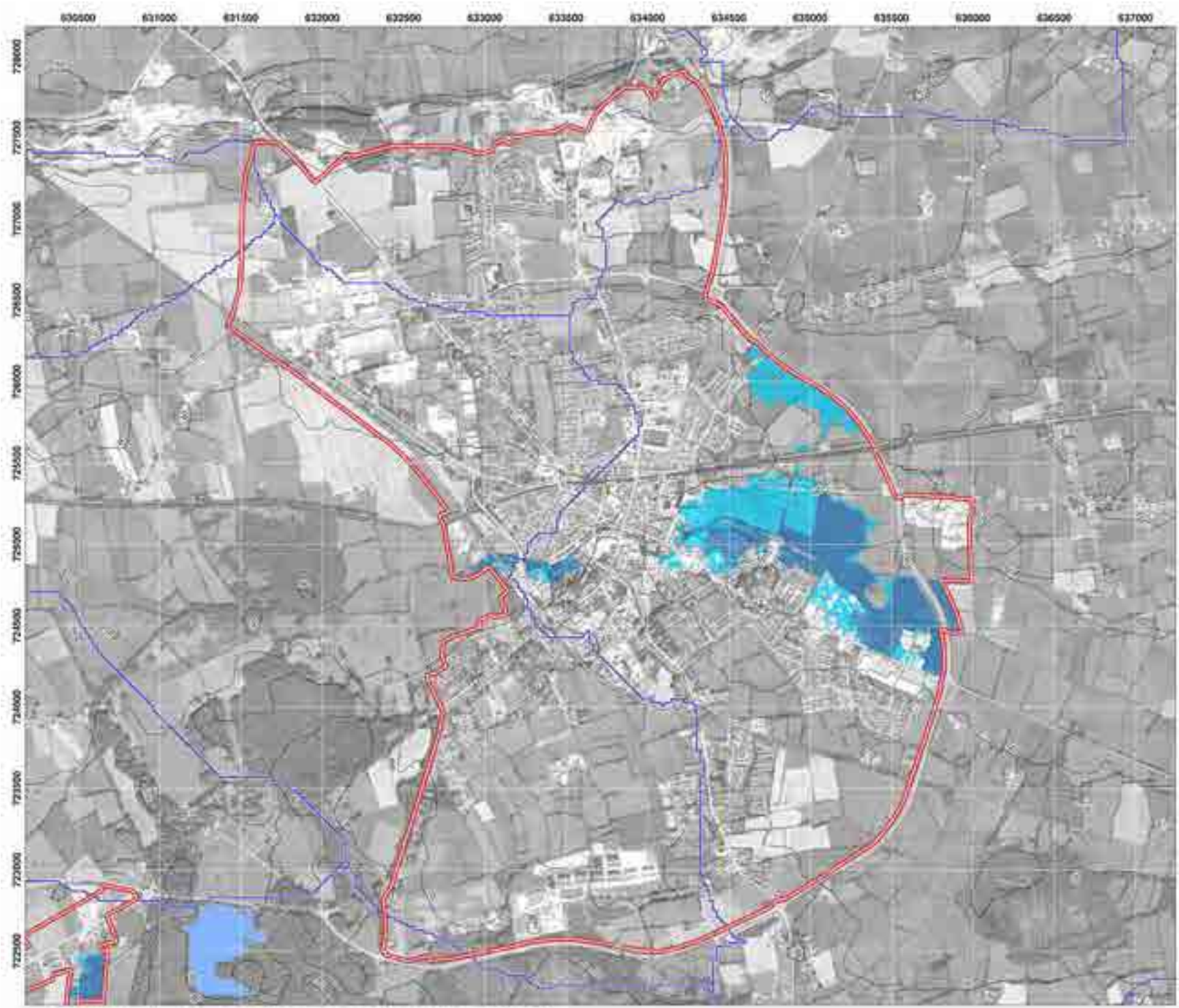
- County
- Zoning Boundary
- Rivers & Streams
- Lakes
- WFD River Sub Basins
- Contours

CFRAM Present Day

- Fluvial 10% AEP
- Fluvial 1% AEP
- Fluvial 0.1% AEP



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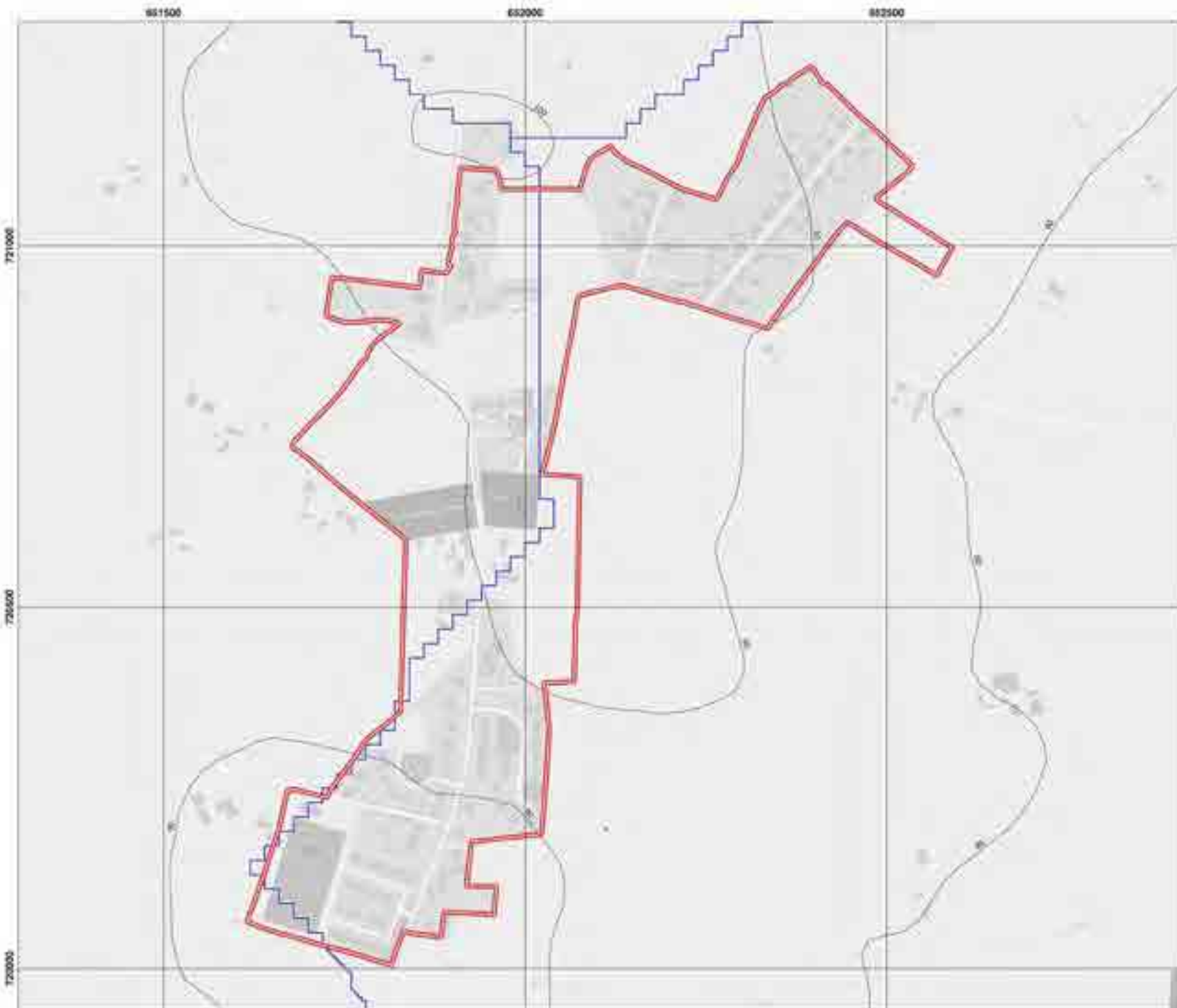
**Offaly CDP 2021-2027
SFRA**

**Tullamore
Indicative Flood Zones**

- County
 - Zoning Boundary
 - Rivers & Streams
 - Lakes
 - WFD River Sub-Basins
 - Contours
- Indicative Flood Zones*
- Flood Zone A
 - Flood Zone B



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SFRA**

**Walsh Island
Historical Indicators**

- County
- Zoning Boundary
- Rivers & Streams
- Lakes
- WFD River Sub Basins
- Contours

Arterial Drainage Scheme

- Channel
- Embankment
- Benefited Land

Drainage Districts

- Channel
- Embankment
- Benefited Land

Land Commission

- Watercourse
- Embankment
- Benefited Land

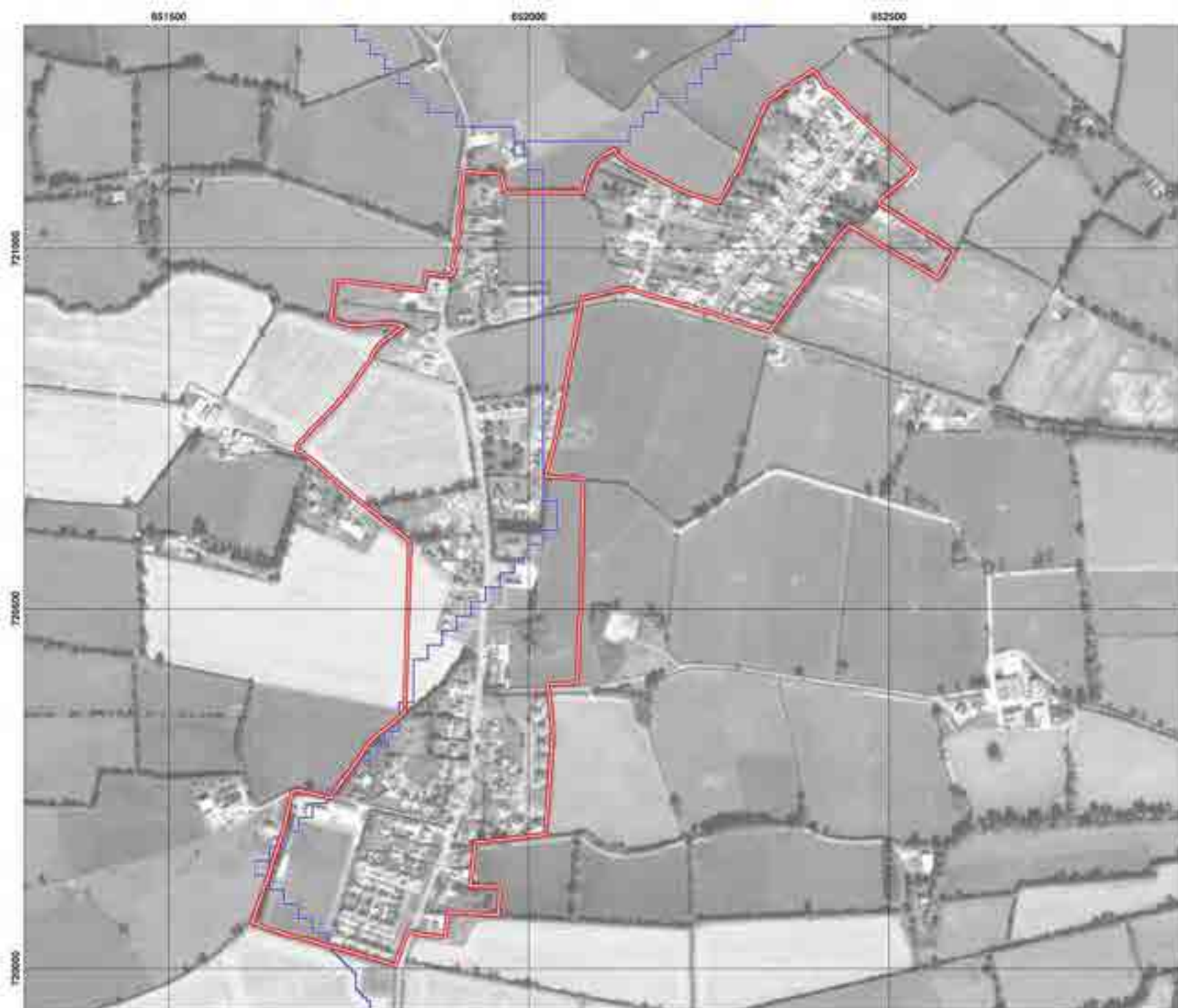
OPW Past Flood Events

- Single Flood Event
- Recurring Flood Event
- OPW Flood Extent

Soils

- Alluvial Soils





**Offaly CDP 2021-2027
SFRA**

**Walsh Island
OPW Preliminary Flood Risk
Assessment (PFRA)**

-  County
-  Zoning Boundary
-  Rivers & Streams
-  Lakes
-  WFD River Sub-Basins
-  Contours

*PFRA Data supplied by
Offaly County Council*

-  Fluvial 1% AEP
-  Fluvial 0.1% AEP



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852000

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721000

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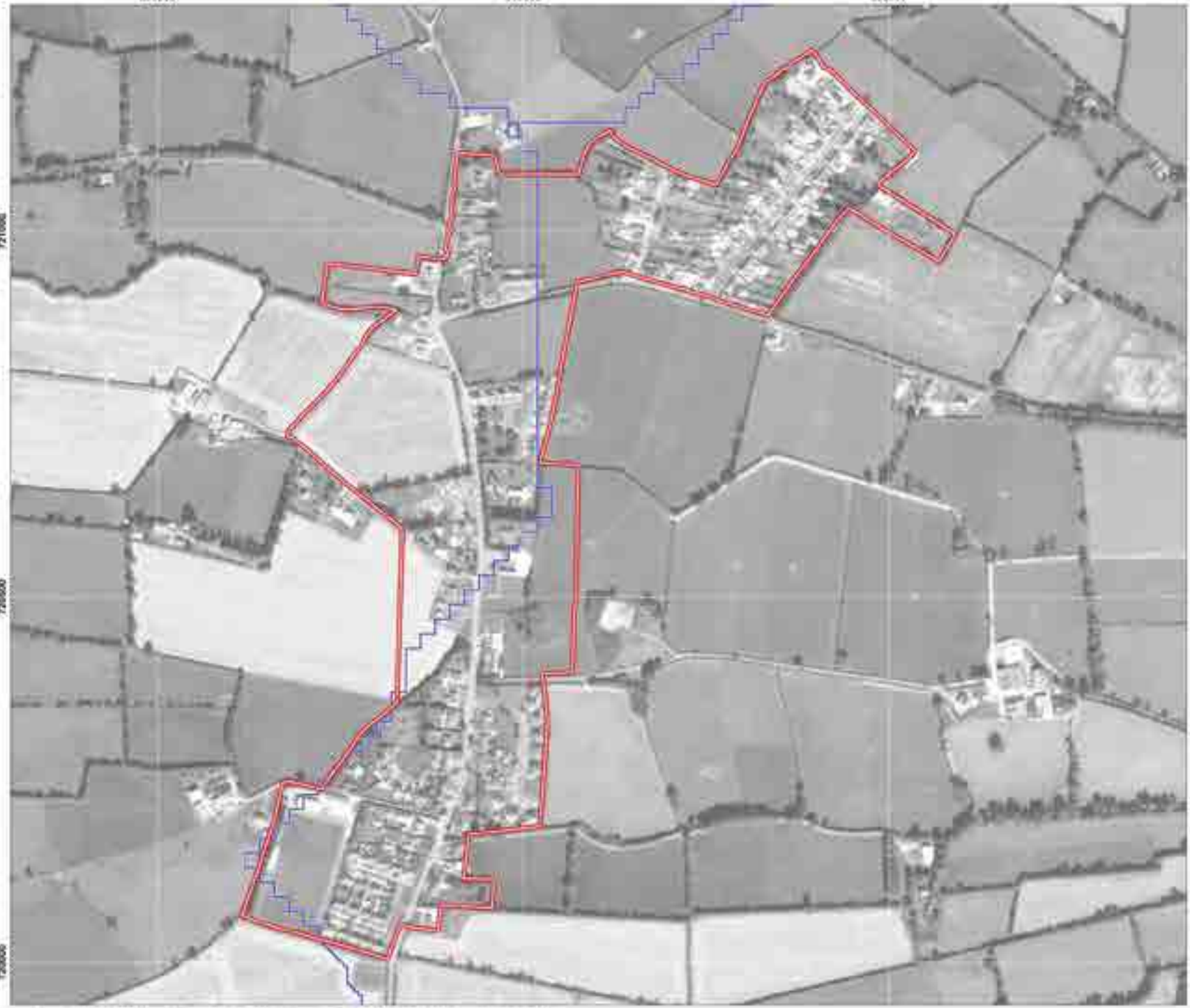
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Walsh Island
OPW Catchment Flood Risk
Assessment & Management
(CFRAM) Present Day
Scenario

-  County
-  Zoning Boundary
-  Rivers & Streams
-  Lakes
-  WFD River Sub Basins
-  Contours

CFRAM Present Day

-  Fluvial 10% AEP
-  Fluvial 1% AEP
-  Fluvial 0.1% AEP



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852000

852500

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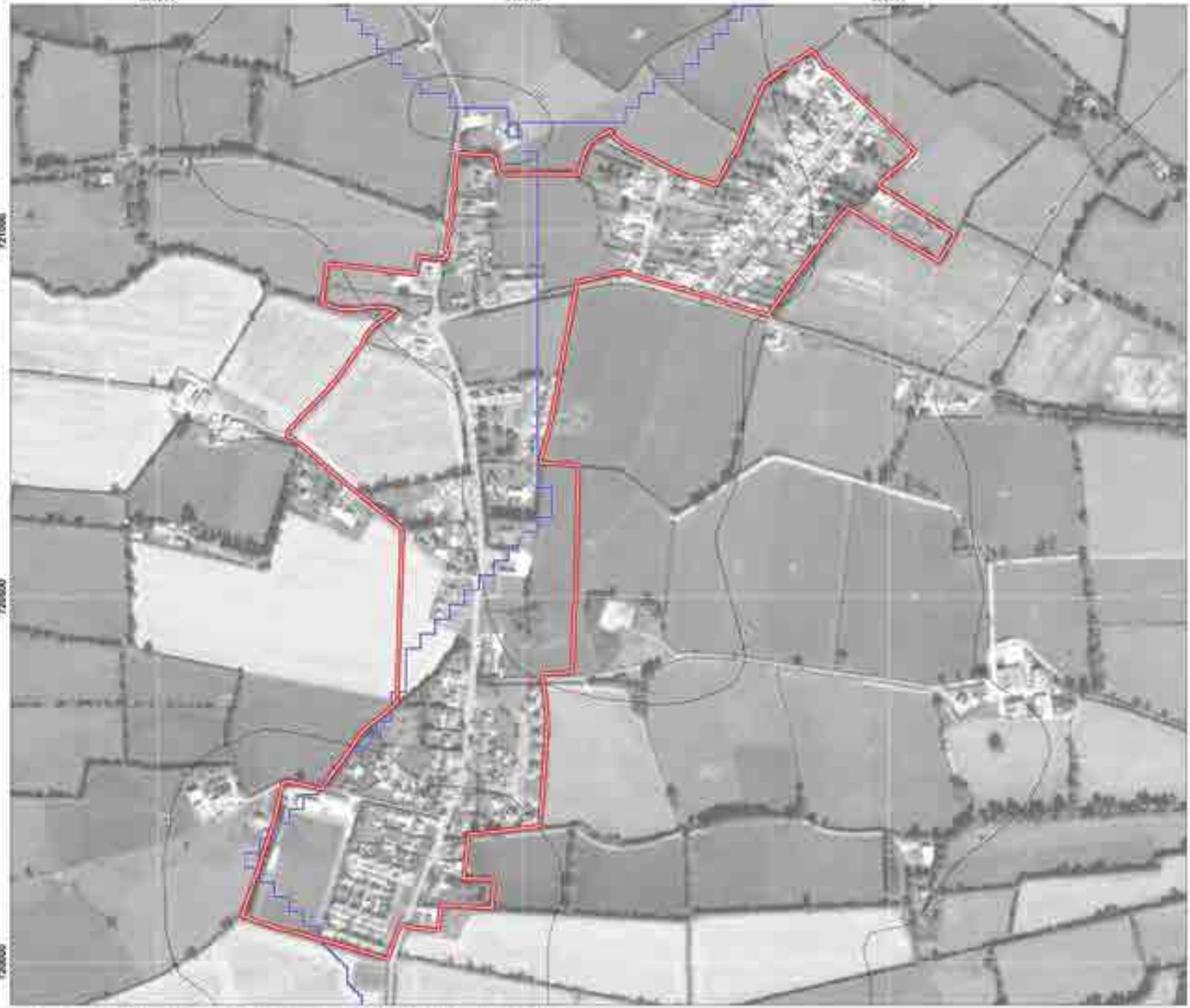
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SFRA**

**Walsh Island
Indicative Flood Zones**

-  County
-  Zoning Boundary
-  Rivers & Streams
-  Lakes
-  WFD River Sub Basins
-  Contours

Indicative Flood Zones

-  Flood Zone A
-  Flood Zone B



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