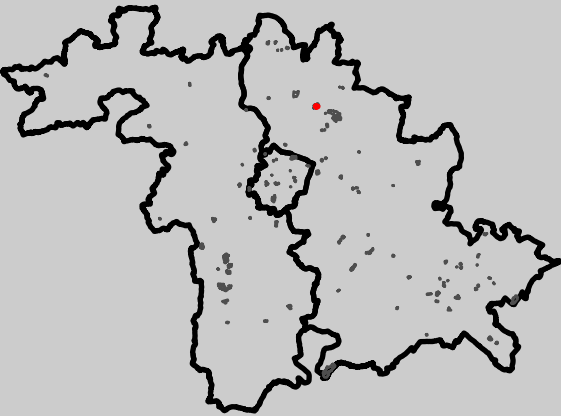


Site ID: SWDP48/6

District: Wychavon District Council		Area: 1.1 ha			Proposed Development Details: Mixed Use
Flood Zone Coverage (%)	FZ3b : 0.91	FZ3a: 8.18	FZ2: 11.82	FZ1: 88.18	

APPENDIX A LEVEL 2 GEOPDF
MAPPING

SOUTH WORCESTERSHIRE LEVEL 2
STRATEGIC FLOOD RISK ASSESSMENT



Please refer to Main Report and Site Summary Table for further information on the datasets

LEGEND

Flood Zones

- Flood Zone 3b

Indicative FZ3b

Flood Zone 3a

Flood Zone 2
-
- Central

Higher Central

Upper End

Indicative (FZ2)

Climate Change
(Fluvial flood risk)

-
- Central

Higher Central

Upper End

Indicative (FZ2)

Groundwater Levels Risk
Mapping (JBA)

-
- Distance below surface (m)

No risk

> 5m

0.50-5.0

0.025 - 0.50

<0.025m

Susceptibility to
Groundwater Flooding (EA)

-
- Level of risk

< 25%

>= 25% <50%

>= 50% <75%

>= 75%

Surface Water Depth (mm)

-
- 1000-year

100-year

30-year

Below 150mm

150 - 300mm

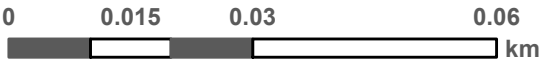
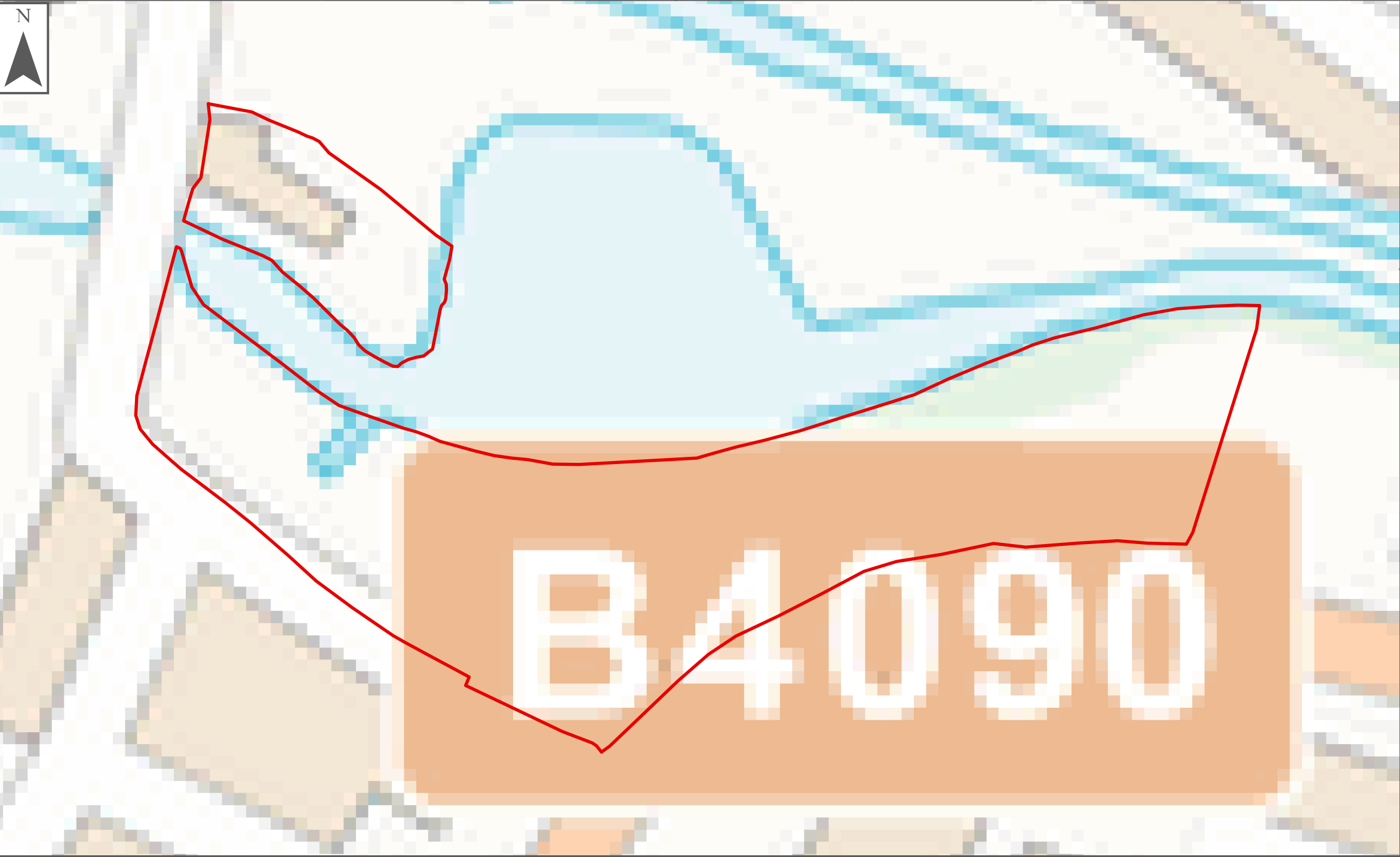
300 - 600mm

600 - 900mm

900 - 1200mm

Over 1200mm

Proposed Development Details:
Mixed Use



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LEGEND

Authority Information

-
- Level 2 SFRA Sites

South Worcestershire Boundary

Watercourses

-
- Main Rivers

Ordinary Watercourses

Defences

-
- embankment

wall

Flood Warning and
Flood Alert Areas

-
- Flood Warning

Flood Alert Areas

Reservoirs

-
- Reservoirs

Other

-
- Historic Landfill Sites

Historic Flood Map

Risk of Flooding from Rivers
and Sea

-
- Probability

Very Low

Low

Medium

High

Surface Water Extent

-
- RoFSW 3.3%

RoFSW 1%

RoFSW 0.1%

Surface Water Velocity (m/s)

-
- 1000-year

100-year

30-year

Less than 0.25 m/s

0.25 - 0.50 m/s

0.50 - 1.00 m/s

1.00 - 2.00 m/s

Over 2.00 m/s

Surface Water Hazard

-
- 1000-year

100-year

30-year

0.50 - 0.75 (Very low hazard)

0.75 - 1.25 (Danger for some)

1.25 - 2.00 (Danger for most)

>2.00 (Danger for all)

Site ID: SWDP59/19

District: Wychavon District Council Area: 9.505 ha

Flood Zone Coverage (%)

FZ3b :

0

FZ3a:

0

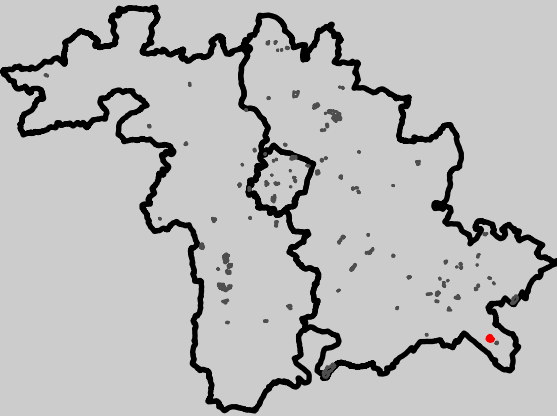
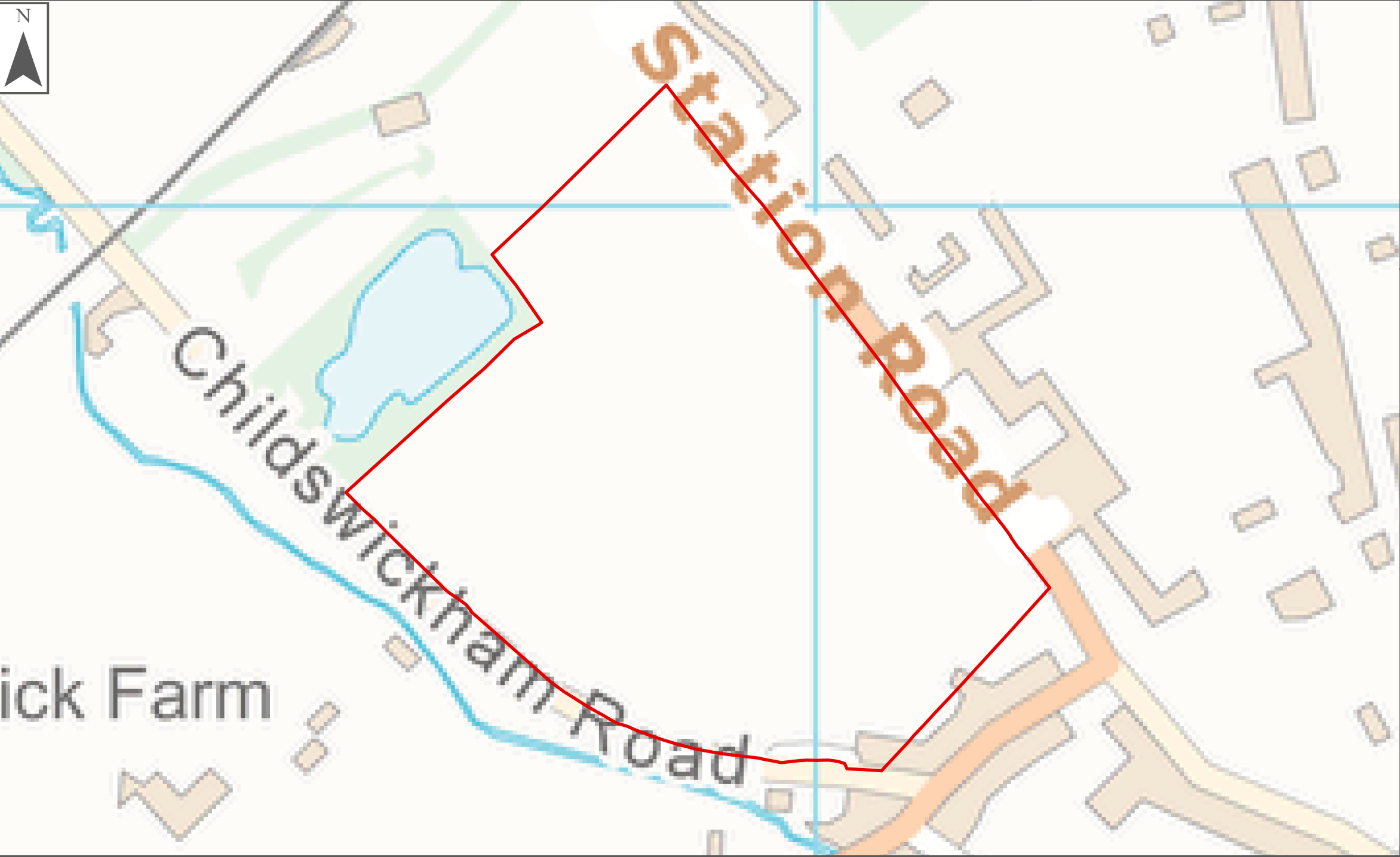
FZ2: 48.05

FZ1: 51.95

Proposed Development Details:
Mixed Use

APPENDIX A LEVEL 2 GEOPDF
MAPPING

SOUTH WORCESTERSHIRE LEVEL 2
STRATEGIC FLOOD RISK ASSESSMENT



Please refer to Main Report and Site Summary Table for further information on the datasets

LEGEND

Flood Zones

- Flood Zone 3b
- Indicative FZ3b
- Flood Zone 3a
- Flood Zone 2

Climate Change
(Fluvial flood risk)

- Central
- Higher Central
- Upper End
- Indicative (FZ2)

Groundwater Levels Risk
Mapping (JBA)

- Distance below surface (m)
- No risk
 - > 5m
 - 0.50-5.0
 - 0.025 - 0.50
 - <0.025m

Susceptibility to
Groundwater Flooding (EA)

- Level of risk
- < 25%
 - >= 25% <50%
 - >= 50% <75%
 - >= 75%

Surface Water Depth (mm)

- 1000-year
- 100-year
- 30-year
- Below 150mm
- 150 - 300mm
- 300 - 600mm
- 600 - 900mm
- 900 - 1200mm
- Over 1200mm

LEGEND

Authority Information

- Level 2 SFRA Sites
- South Worcestershire Boundary

- Watercourses
- Main Rivers
 - Ordinary Watercourses

Defences

- embankment
- wall

Flood Warning and
Flood Alert Areas

- Flood Warning
- Flood Alert Areas

Reservoirs

- Reservoirs

Other

- Historic Landfill Sites
- Historic Flood Map

Risk of Flooding from Rivers
and Sea

- Probability
- Very Low
 - Low
 - Medium
 - High

Surface Water Extent

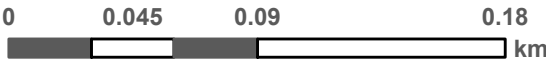
- RoFSW 3.3%
- RoFSW 1%
- RoFSW 0.1%

Surface Water Velocity (m/s)

- 1000-year
- 100-year
- 30-year
- Less than 0.25 m/s
- 0.25 - 0.50 m/s
- 0.50 - 1.00 m/s
- 1.00 - 2.00 m/s
- Over 2.00 m/s

Surface Water Hazard

- 1000-year
- 100-year
- 30-year
- 0.50 - 0.75 (Very low hazard)
- 0.75 - 1.25 (Danger for some)
- 1.25 - 2.00 (Danger for most)
- >2.00 (Danger for all)



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Site ID: CFS0680

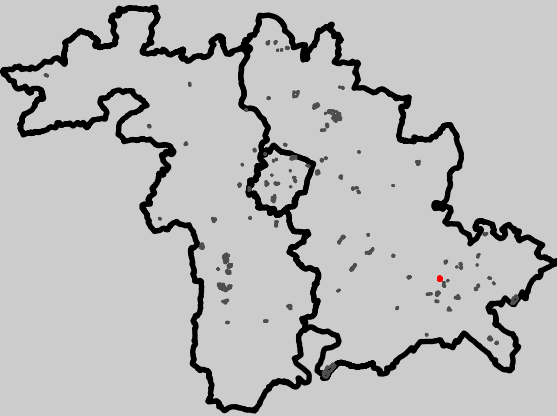
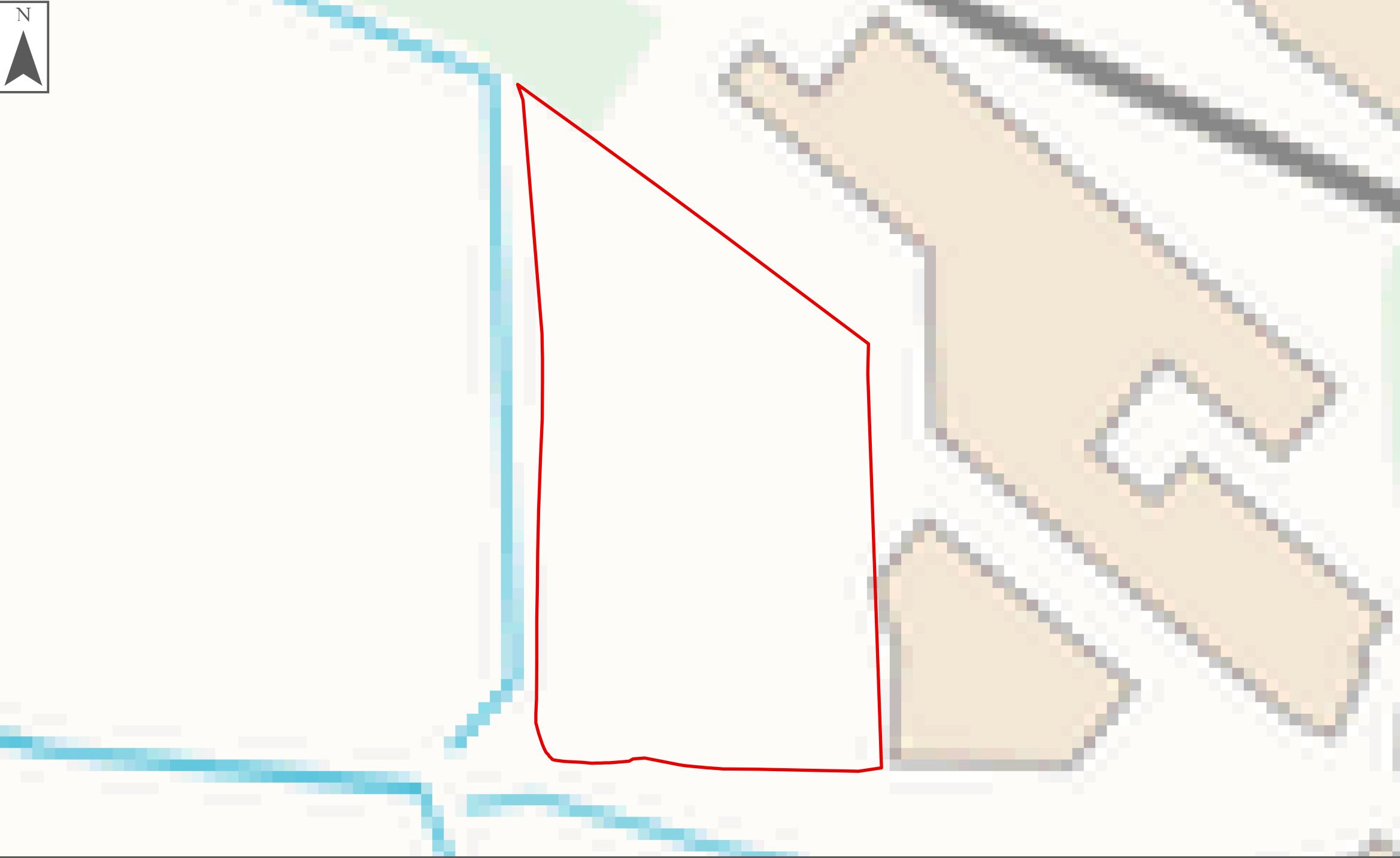
District: Wychavon District Council Area: 0.877 ha

Flood Zone Coverage (%)	FZ3b : 2.27	FZ3a: 4.55	FZ2: 26.14	FZ1: 73.86
--------------------------------	--------------------	-------------------	-------------------	-------------------

Proposed Development Details:
Employment

APPENDIX A LEVEL 2 GEOPDF
MAPPING

SOUTH WORCESTERSHIRE LEVEL 2
STRATEGIC FLOOD RISK ASSESSMENT



Please refer to Main Report and Site Summary Table for further information on the datasets

LEGEND

Flood Zones

- | | | |
|--|--|-----------------|
| | | Flood Zone 3b |
| | | Indicative FZ3b |
| | | Flood Zone 3a |
| | | Flood Zone 2 |

Climate Change
(Fluvial flood risk)

- | | | |
|--|--|------------------|
| | | Central |
| | | Higher Central |
| | | Upper End |
| | | Indicative (FZ2) |

Groundwater Levels Risk
Mapping (JBA)

- Distance below surface (m)
- | | |
|--|--------------|
| | No risk |
| | > 5m |
| | 0.50-5.0 |
| | 0.025 - 0.50 |
| | <0.025m |

Susceptibility to
Groundwater Flooding (EA)

- Level of risk
- | | |
|--|-------------|
| | < 25% |
| | >= 25% <50% |
| | >= 50% <75% |
| | >= 75% |

Surface Water Depth (mm)

- 1000-year
- 100-year
- 30-year
- | | |
|--|--------------|
| | Below 150mm |
| | 150 - 300mm |
| | 300 - 600mm |
| | 600 - 900mm |
| | 900 - 1200mm |
| | Over 1200mm |

LEGEND

Authority Information

- Level 2 SFRA Sites
- South Worcestershire Boundary
- Watercourses

- Main Rivers
- Ordinary Watercourses

Defences

- embankment
- wall

Flood Warning and
Flood Alert Areas

- Flood Warning
- Flood Alert Areas

Reservoirs

- Reservoirs

Other

- Historic Landfill Sites
- Historic Flood Map

Risk of Flooding from Rivers
and Sea

- Probability
- | | |
|--|----------|
| | Very Low |
| | Low |
| | Medium |
| | High |

Surface Water Extent

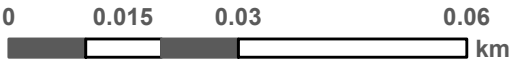
- RoFSW 3.3%
- RoFSW 1%
- RoFSW 0.1%

Surface Water Velocity (m/s)

- 1000-year
- 100-year
- 30-year
- | | |
|--|--------------------|
| | Less than 0.25 m/s |
| | 0.25 - 0.50 m/s |
| | 0.50 - 1.00 m/s |
| | 1.00 - 2.00 m/s |
| | Over 2.00 m/s |

Surface Water Hazard

- 1000-year
- 100-year
- 30-year
- | | |
|--|-------------------------------|
| | 0.50 - 0.75 (Very low hazard) |
| | 0.75 - 1.25 (Danger for some) |
| | 1.25 - 2.00 (Danger for most) |
| | >2.00 (Danger for all) |



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Site ID: CFS0691sc

District: Wychavon District Council Area: 4.05 ha

Flood Zone Coverage (%)

FZ3b : 6.17

FZ3a: 9.88

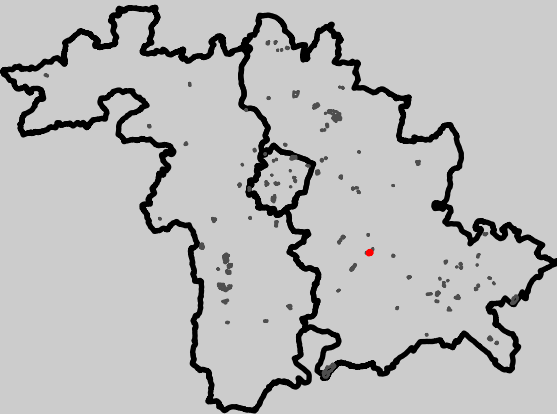
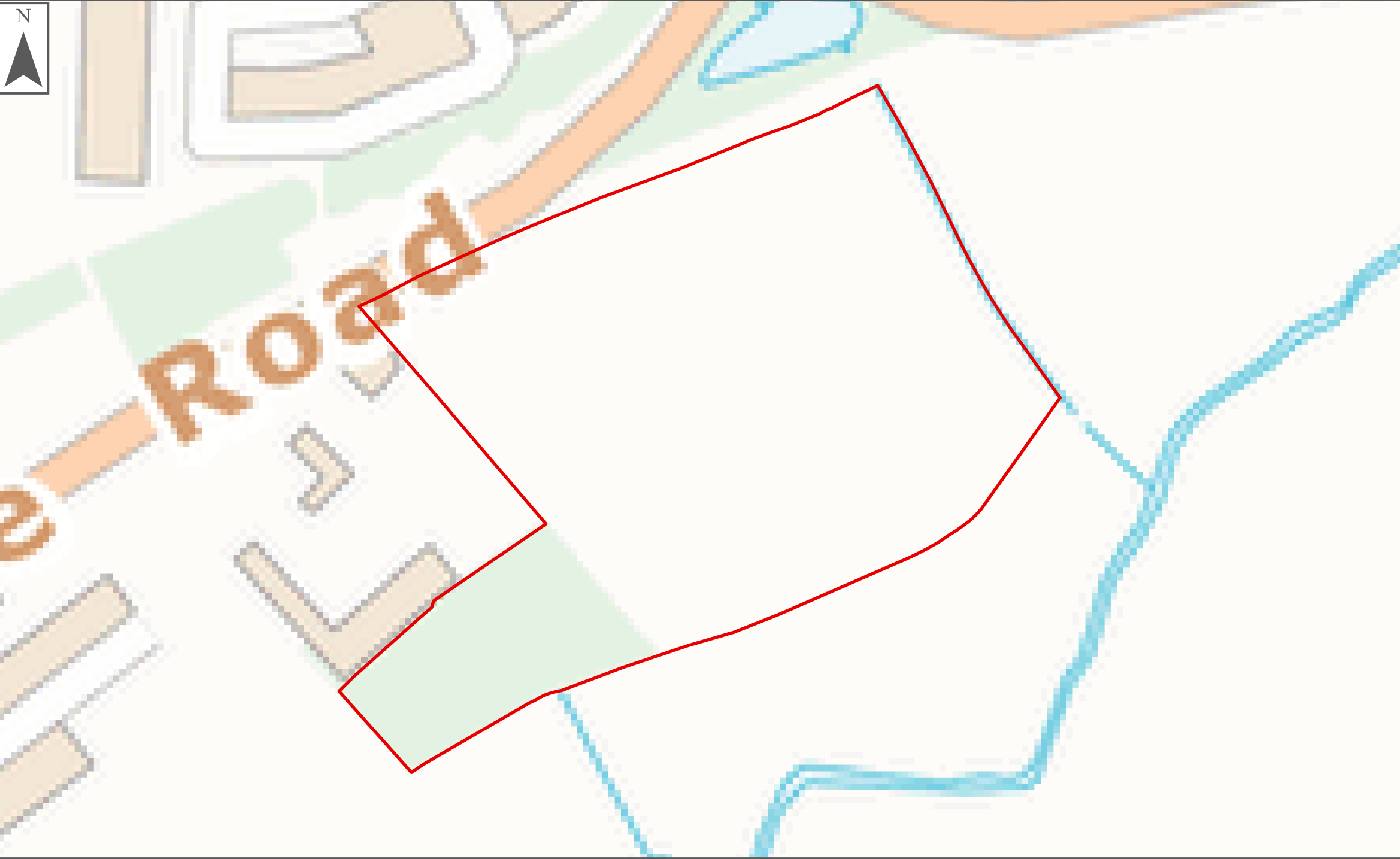
FZ2: 19.51

FZ1: 80.49

Proposed Development Details:
Residential

APPENDIX A LEVEL 2 GEOPDF
MAPPING

SOUTH WORCESTERSHIRE LEVEL 2
STRATEGIC FLOOD RISK ASSESSMENT



Please refer to Main Report and Site Summary Table for further information on the datasets

LEGEND

Flood Zones

- Flood Zone 3b
- Indicative FZ3b
- Flood Zone 3a
- Flood Zone 2

Climate Change
(Fluvial flood risk)

- Central
- Higher Central
- Upper End
- Indicative (FZ2)

Groundwater Levels Risk
Mapping (JBA)

- Distance below surface (m)
- No risk
 - > 5m
 - 0.50-5.0
 - 0.025 - 0.50
 - <0.025m

Susceptibility to
Groundwater Flooding (EA)

- Level of risk
- < 25%
 - >= 25% <50%
 - >= 50% <75%
 - >= 75%

Surface Water Depth (mm)

- 1000-year
- 100-year
- 30-year
- Below 150mm
- 150 - 300mm
- 300 - 600mm
- 600 - 900mm
- 900 - 1200mm
- Over 1200mm

LEGEND

Authority Information

- Level 2 SFRA Sites
- South Worcestershire Boundary
- Main Rivers
- Ordinary Watercourses

Watercourses

- Main Rivers
- Ordinary Watercourses

Defences

- embankment
- wall

Flood Warning and
Flood Alert Areas

- Flood Warning
- Flood Alert Areas

Reservoirs

- Reservoirs

Other

- Historic Landfill Sites
- Historic Flood Map

Risk of Flooding from Rivers
and Sea

- Probability
- Very Low
 - Low
 - Medium
 - High

Surface Water Extent

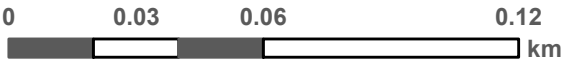
- RoFSW 3.3%
- RoFSW 1%
- RoFSW 0.1%

Surface Water Velocity (m/s)

- 1000-year
- 100-year
- 30-year
- Less than 0.25 m/s
- 0.25 - 0.50 m/s
- 0.50 - 1.00 m/s
- 1.00 - 2.00 m/s
- Over 2.00 m/s

Surface Water Hazard

- 1000-year
- 100-year
- 30-year
- 0.50 - 0.75 (Very low hazard)
- 0.75 - 1.25 (Danger for some)
- 1.25 - 2.00 (Danger for most)
- >2.00 (Danger for all)



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Site ID: CFS0866

District: Wychavon District Council Area: 1.107 ha

Flood Zone Coverage (%)

FZ3b :

0

FZ3a:

0

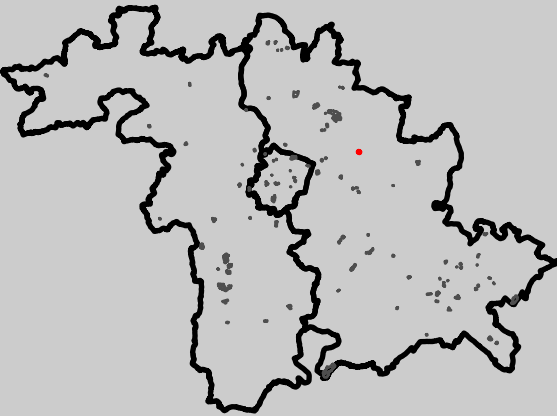
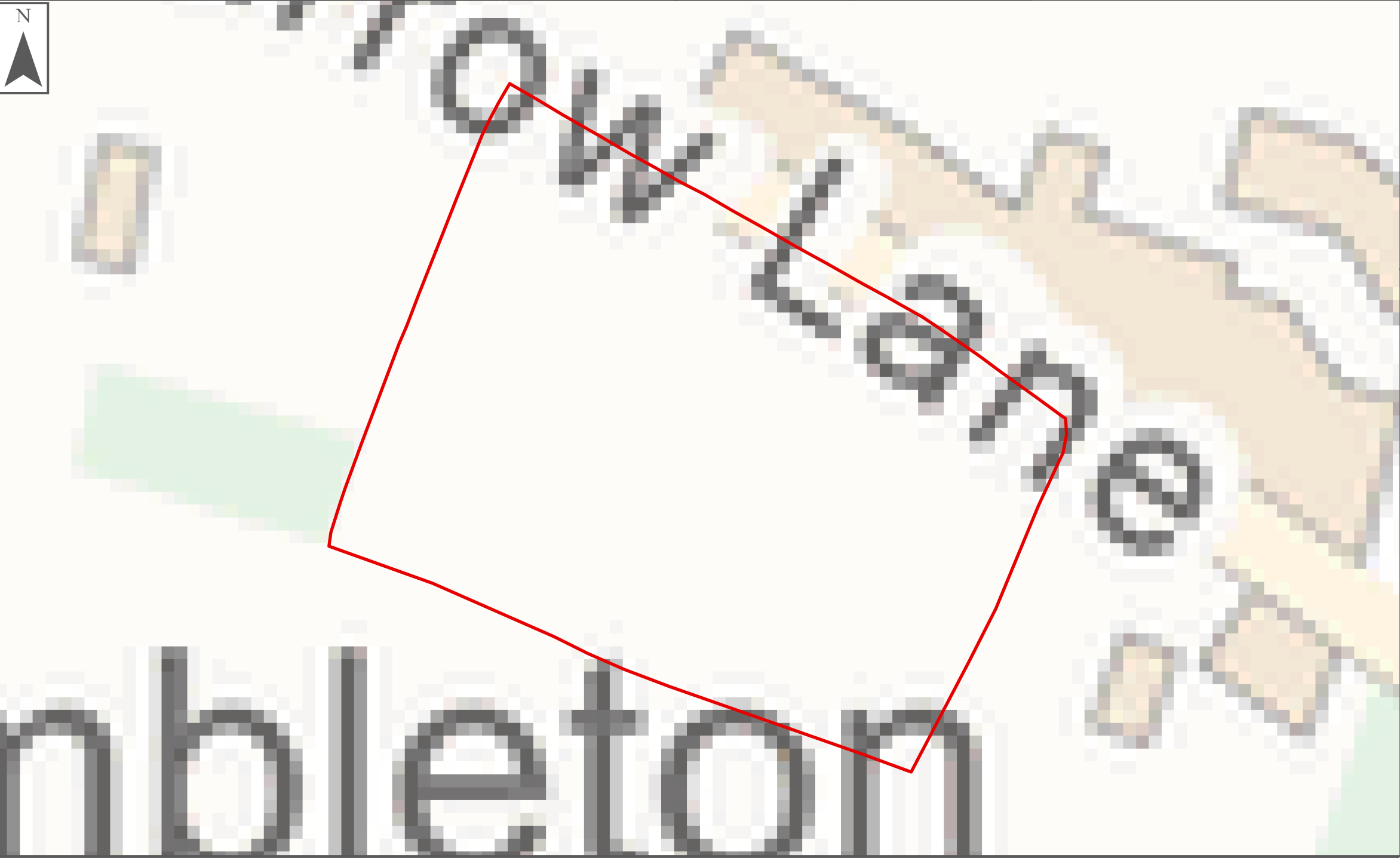
FZ2: 0.9

FZ1: 99.1

Proposed Development Details:
Residential

APPENDIX A LEVEL 2 GEOPDF
MAPPING

SOUTH WORCESTERSHIRE LEVEL 2
STRATEGIC FLOOD RISK ASSESSMENT



Please refer to Main Report and Site Summary Table for further information on the datasets

LEGEND

Flood Zones

- Flood Zone 3b
- Indicative FZ3b
- Flood Zone 3a
- Flood Zone 2

Climate Change
(Fluvial flood risk)

- Central
- Higher Central
- Upper End
- Indicative (FZ2)

Groundwater Levels Risk
Mapping (JBA)

- Distance below surface (m)
- No risk
 - > 5m
 - 0.50-5.0
 - 0.025 - 0.50
 - <0.025m

Susceptibility to
Groundwater Flooding (EA)

- Level of risk
- < 25%
 - >= 25% <50%
 - >= 50% <75%
 - >= 75%

Surface Water Depth (mm)

- 1000-year
- 100-year
- 30-year
- Below 150mm
- 150 - 300mm
- 300 - 600mm
- 600 - 900mm
- 900 - 1200mm
- Over 1200mm



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LEGEND

Authority Information

- Level 2 SFRA Sites
- South Worcestershire Boundary

- Watercourses
- Main Rivers
 - Ordinary Watercourses

Defences

- embankment
- wall

Flood Warning and
Flood Alert Areas

- Flood Warning
- Flood Alert Areas

Reservoirs

- Reservoirs

Other

- Historic Landfill Sites
- Historic Flood Map

Risk of Flooding from Rivers
and Sea

- Probability
- Very Low
 - Low
 - Medium
 - High

Surface Water Extent

- RoFSW 3.3%
- RoFSW 1%
- RoFSW 0.1%

Surface Water Velocity (m/s)

- 1000-year
- 100-year
- 30-year
- Less than 0.25 m/s
- 0.25 - 0.50 m/s
- 0.50 - 1.00 m/s
- 1.00 - 2.00 m/s
- Over 2.00 m/s

Surface Water Hazard

- 1000-year
- 100-year
- 30-year
- 0.50 - 0.75 (Very low hazard)
- 0.75 - 1.25 (Danger for some)
- 1.25 - 2.00 (Danger for most)
- >2.00 (Danger for all)

Site ID: CFS0891

District: Wychavon District Council Area: 4.742 ha

Flood Zone Coverage (%)

FZ3b :

0

FZ3a:

0

FZ2:

0

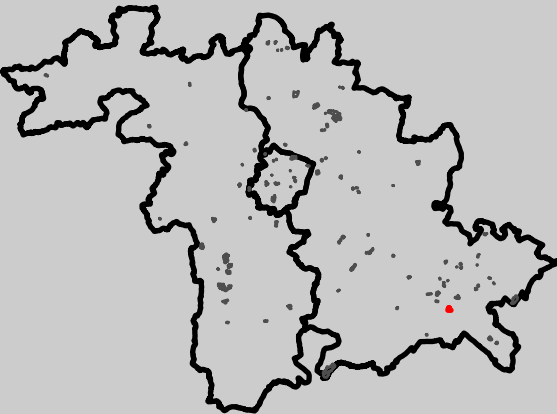
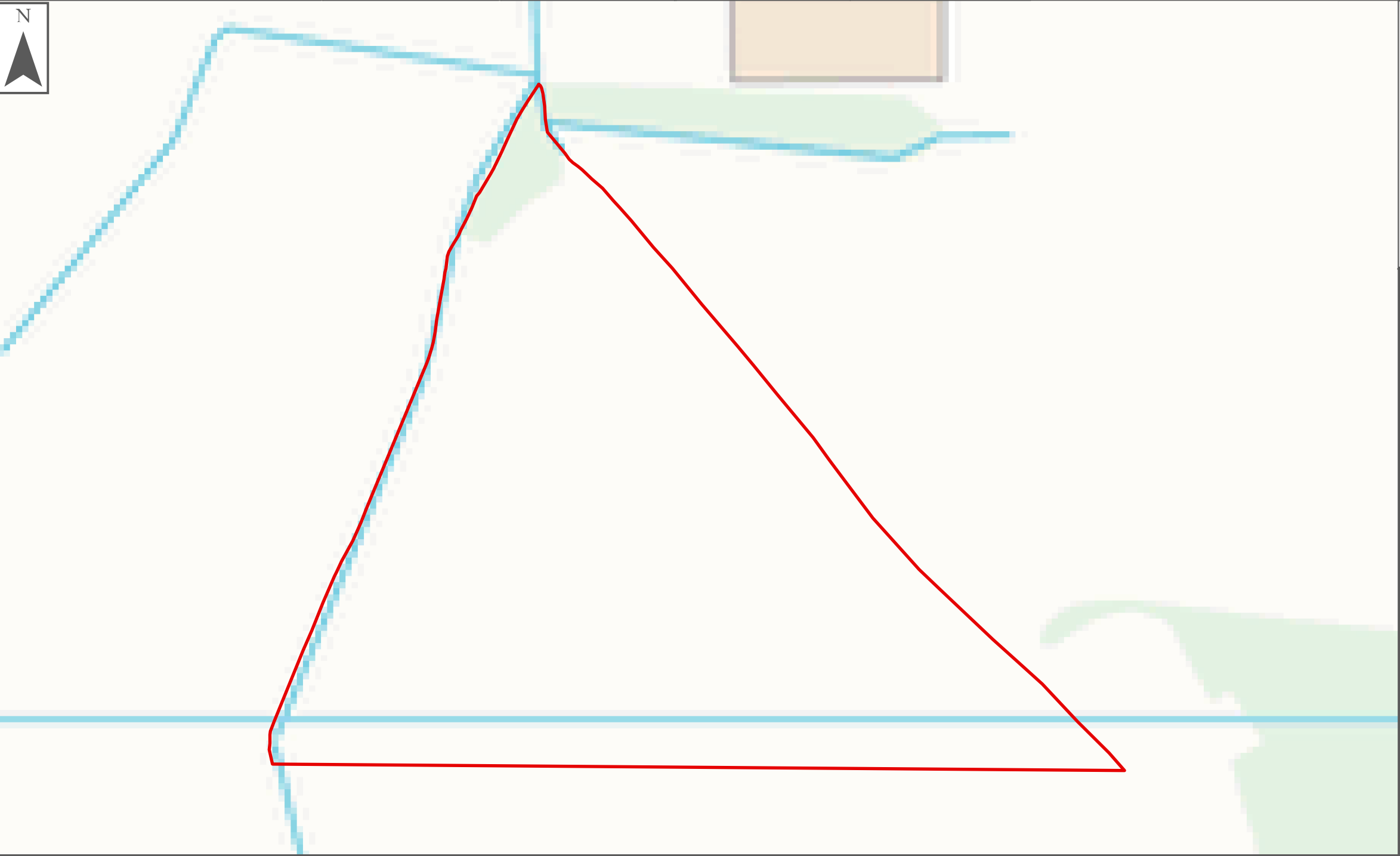
FZ1:

100

Proposed Development Details:
Employment

APPENDIX A LEVEL 2 GEOPDF
MAPPING

SOUTH WORCESTERSHIRE LEVEL 2
STRATEGIC FLOOD RISK ASSESSMENT



Please refer to Main Report and Site Summary Table for further information on the datasets

LEGEND

Flood Zones

- Flood Zone 3b
- Indicative FZ3b
- Flood Zone 3a
- Flood Zone 2

Climate Change
(Fluvial flood risk)

- Central
- Higher Central
- Upper End
- Indicative (FZ2)

Groundwater Levels Risk
Mapping (JBA)

- Distance below surface (m)
- No risk
 - > 5m
 - 0.50-5.0
 - 0.025 - 0.50
 - <0.025m

Susceptibility to
Groundwater Flooding (EA)

- Level of risk
- < 25%
 - >= 25% <50%
 - >= 50% <75%
 - >= 75%

Surface Water Depth (mm)

- 1000-year
- 100-year
- 30-year
- Below 150mm
- 150 - 300mm
- 300 - 600mm
- 600 - 900mm
- 900 - 1200mm
- Over 1200mm

LEGEND

Authority Information

- Level 2 SFRA Sites
- South Worcestershire Boundary
- Main Rivers
- Ordinary Watercourses

- embankment
- wall

Defences

Flood Warning and
Flood Alert Areas

- Flood Warning
- Flood Alert Areas

Reservoirs

- Reservoirs

Other

- Historic Landfill Sites
- Historic Flood Map

Risk of Flooding from Rivers
and Sea

- Probability
- Very Low
 - Low
 - Medium
 - High

Surface Water Extent

- RoFSW 3.3%
- RoFSW 1%
- RoFSW 0.1%

Surface Water Velocity (m/s)

- 1000-year
- 100-year
- 30-year
- Less than 0.25 m/s
- 0.25 - 0.50 m/s
- 0.50 - 1.00 m/s
- 1.00 - 2.00 m/s
- Over 2.00 m/s

Surface Water Hazard

- 1000-year
- 100-year
- 30-year
- 0.50 - 0.75 (Very low hazard)
- 0.75 - 1.25 (Danger for some)
- 1.25 - 2.00 (Danger for most)
- >2.00 (Danger for all)

0 0.03 0.06 0.12 km

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Site ID: CFS0925

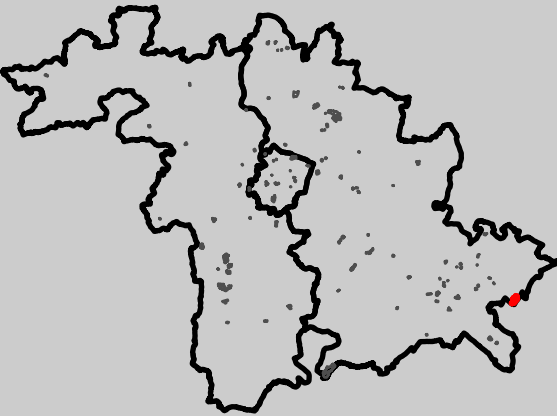
District: Wychavon District Council Area: 31.268ha

Flood Zone Coverage (%)	FZ3b : 2.11	FZ3a: 2.11	FZ2: 9.11	FZ1: 90.89
--------------------------------	--------------------	-------------------	------------------	-------------------

Proposed Development Details:
Employment

APPENDIX A LEVEL 2 GEOPDF
MAPPING

SOUTH WORCESTERSHIRE LEVEL 2
STRATEGIC FLOOD RISK ASSESSMENT



Please refer to Main Report and Site Summary Table for further information on the datasets

LEGEND

Flood Zones

- | | |
|--|-----------------|
| | Flood Zone 3b |
| | Indicative FZ3b |
| | Flood Zone 3a |
| | Flood Zone 2 |

Climate Change
(Fluvial flood risk)

- | | |
|--|------------------|
| | Central |
| | Higher Central |
| | Upper End |
| | Indicative (FZ2) |

Groundwater Levels Risk
Mapping (JBA)

- Distance below surface (m)**
- | | |
|----------------|--------------|
| | No risk |
| > 5m symbol"/> | > 5m |
| | 0.50-5.0 |
| | 0.025 - 0.50 |
| | <0.025m |

Susceptibility to
Groundwater Flooding (EA)

- Level of risk**
- | | |
|--|-------------|
| | < 25% |
| | >= 25% <50% |
| | >= 50% <75% |
| | >= 75% |

Surface Water Depth (mm)

- | | |
|--|--------------|
| | 1000-year |
| | 100-year |
| | 30-year |
| | Below 150mm |
| | 150 - 300mm |
| | 300 - 600mm |
| | 600 - 900mm |
| | 900 - 1200mm |
| | Over 1200mm |

LEGEND

Authority Information

- | | |
|--|-------------------------------|
| | Level 2 SFRA Sites |
| | South Worcestershire Boundary |
| | Watercourses |

- | | |
|--|-----------------------|
| | Main Rivers |
| | Ordinary Watercourses |

Defences

- | | |
|--|------------|
| | embankment |
| | wall |

Flood Warning and
Flood Alert Areas

- | | |
|--|-------------------|
| | Flood Warning |
| | Flood Alert Areas |

Reservoirs

- | | |
|--|------------|
| | Reservoirs |
|--|------------|

Other

- | | |
|--|-------------------------|
| | Historic Landfill Sites |
| | Historic Flood Map |

Risk of Flooding from Rivers
and Sea

- Probability**
- | | |
|--|----------|
| | Very Low |
| | Low |
| | Medium |
| | High |

Surface Water Extent

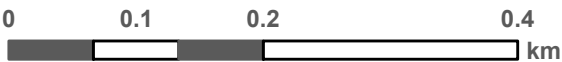
- | | |
|--|------------|
| | RoFSW 3.3% |
| | RoFSW 1% |
| | RoFSW 0.1% |

Surface Water Velocity (m/s)

- | | |
|--|--------------------|
| | 1000-year |
| | 100-year |
| | 30-year |
| | Less than 0.25 m/s |
| | 0.25 - 0.50 m/s |
| | 0.50 - 1.00 m/s |
| | 1.00 - 2.00 m/s |
| | Over 2.00 m/s |

Surface Water Hazard

- | | |
|--|-------------------------------|
| | 1000-year |
| | 100-year |
| | 30-year |
| | 0.50 - 0.75 (Very low hazard) |
| | 0.75 - 1.25 (Danger for some) |
| | 1.25 - 2.00 (Danger for most) |
| | >2.00 (Danger for all) |



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Site ID: CFS0933 + CFS1076

District: Worcester City

Area: 14.267ha

Proposed Development Details:
Mixed Use

Flood Zone Coverage (%)

FZ3b : 6.1

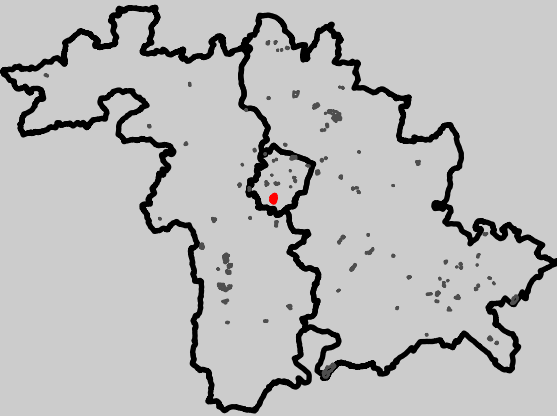
FZ3a: 9.39

FZ2: 97.69

FZ1: 2.31

APPENDIX A LEVEL 2 GEOPDF
MAPPING

SOUTH WORCESTERSHIRE LEVEL 2
STRATEGIC FLOOD RISK ASSESSMENT



Please refer to Main Report and Site Summary Table for further information on the datasets

LEGEND

Flood Zones

- Flood Zone 3b
- Indicative FZ3b
- Flood Zone 3a
- Flood Zone 2

Climate Change
(Fluvial flood risk)

- Central
- Higher Central
- Upper End
- Indicative (FZ2)

Groundwater Levels Risk
Mapping (JBA)

- Distance below surface (m)
- No risk
 - > 5m
 - 0.50-5.0
 - 0.025 - 0.50
 - <0.025m

Susceptibility to
Groundwater Flooding (EA)

- Level of risk
- < 25%
 - >= 25% <50%
 - >= 50% <75%
 - >= 75%

Surface Water Depth (mm)

- 1000-year
- 100-year
- 30-year
- Below 150mm
- 150 - 300mm
- 300 - 600mm
- 600 - 900mm
- 900 - 1200mm
- Over 1200mm

LEGEND

Authority Information

- Level 2 SFRA Sites
- South Worcestershire Boundary

- Watercourses
- Main Rivers
 - Ordinary Watercourses

Defences

- embankment
- wall

Flood Warning and
Flood Alert Areas

- Flood Warning
- Flood Alert Areas

Reservoirs

- Reservoirs

Other

- Historic Landfill Sites
- Historic Flood Map

Risk of Flooding from Rivers
and Sea

- Probability
- Very Low
 - Low
 - Medium
 - High

Surface Water Extent

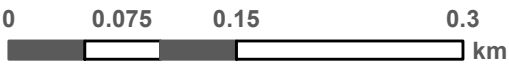
- RoFSW 3.3%
- RoFSW 1%
- RoFSW 0.1%

Surface Water Velocity (m/s)

- 1000-year
- 100-year
- 30-year
- Less than 0.25 m/s
- 0.25 - 0.50 m/s
- 0.50 - 1.00 m/s
- 1.00 - 2.00 m/s
- Over 2.00 m/s

Surface Water Hazard

- 1000-year
- 100-year
- 30-year
- 0.50 - 0.75 (Very low hazard)
- 0.75 - 1.25 (Danger for some)
- 1.25 - 2.00 (Danger for most)
- >2.00 (Danger for all)



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Site ID: CFS1044 & CFS1044bsc

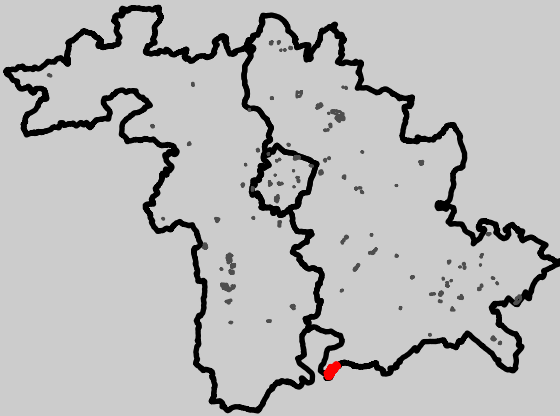
District: Wychavon District Council Area: 74.01 ha

Flood Zone Coverage (%)	FZ3b : 21	FZ3a: 23.08	FZ2: 27	FZ1: 73
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Proposed Development Details:
Residential

APPENDIX A LEVEL 2 GEOPDF

SOUTH WORCESTERSHIRE LEVEL 2
STRATEGIC FLOOD RISK ASSESSMENT



Please refer to Main Report and Site Summary Table for further information on the datasets

LEGEND

Flood Zones

	Flood Zone 3b
	Indicative FZ3b
	Flood Zone 3a
	Flood Zone 2

Climate Change (Fluvial flood risk)

	Central
	Higher Central
	Upper End
	Indicative (FZ2)

Tewkesbury Confluence Model 100yr Fluvial Velocity (m/s)

	0 - 0.25
	0.25 - 0.5
	0.5 - 1.0
	1.0 - 4.56

Tewkesbury Confluence Model 100yr Fluvial Flood Depths (m)

	0 - 0.5
	0.5 - 1.0
	1.0 - 2.5
	2.5 - 11.0

Tewkesbury Confluence Model 100yr Fluvial Hazard

	0.5 - 0.75 (Very low hazard)
	0.75 - 1.25 (Danger for some)
	1.25 - 2 (Danger for most)
	> 2.00 (Danger for all)

Surface Water Hazard

	1000-year
	100-year
	30-year
	0.50 - 0.75 (Very low hazard)
	0.75 - 1.25 (Danger for some)
	1.25 - 2.00 (Danger for most)
	>2.00 (Danger for all)

Susceptibility to Groundwater Flooding (EA)

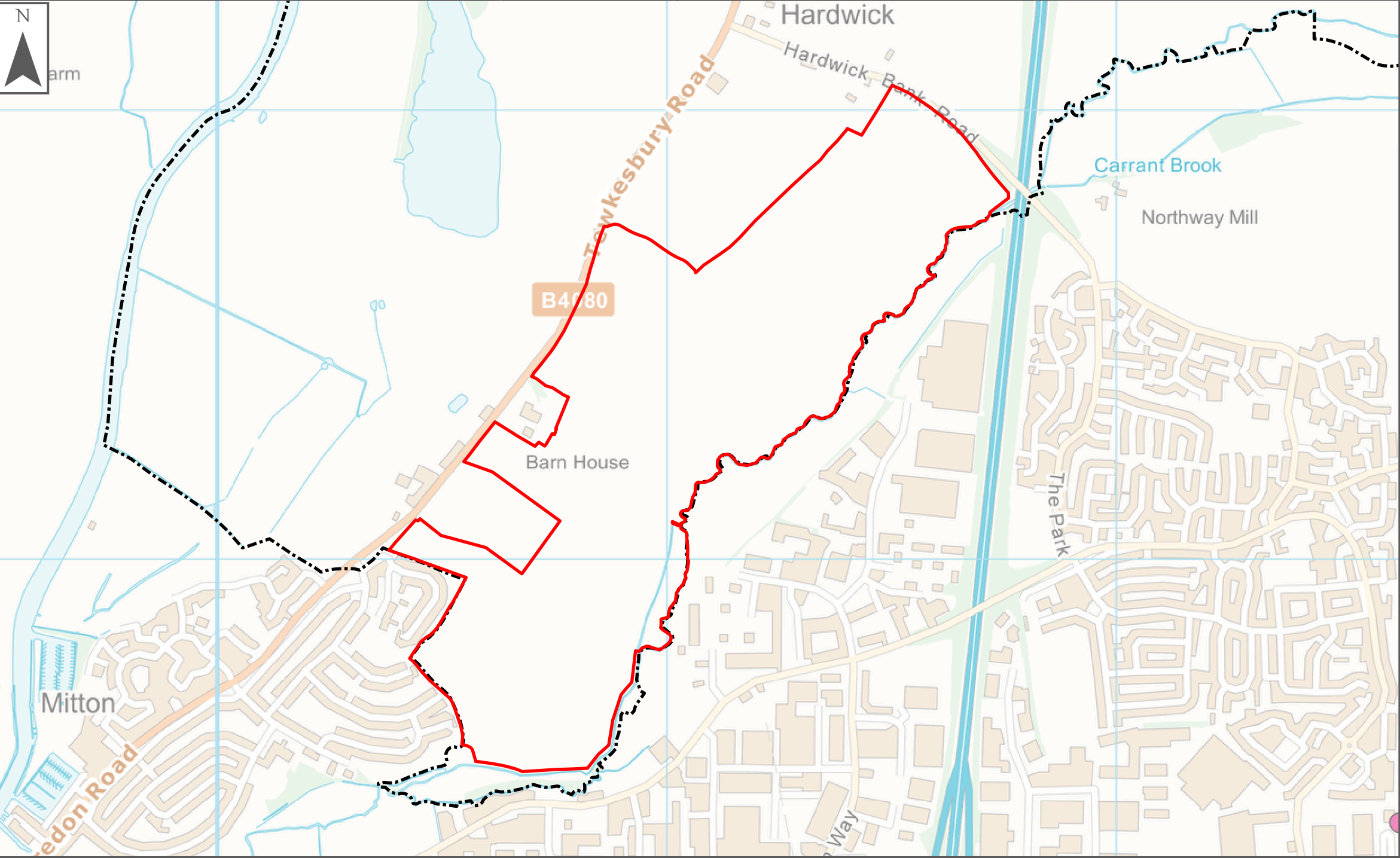
Level of risk

	< 25%
	>= 25% <50%
	>= 50% <75%
	>= 75%

Groundwater Levels Risk Mapping (JBA)

Distance below surface (m)

	No risk
	> 5m
	0.50-5.0
	0.025 - 0.50
	<0.025m



LEGEND

Authority Information

	South Worcestershire Boundary
	Level 2 SFRA Sites

Watercourses

	Main Rivers
	Ordinary Watercourses

Defences

	embankment
	wall

Flood Warning and Flood Alert Areas

	Flood Warning
	Flood Alert Areas

Reservoirs

	Reservoirs
--	------------

Other

	Historic Landfill Sites
	Historic Flood Map

Risk of Flooding from Rivers and Sea

Probability

	Very Low
	Low
	Medium
	High

Surface Water Extent

	RoFSW 3.3%
	RoFSW 1%
	RoFSW 0.1%

Surface Water Velocity (m/s)

	1000-year
	100-year
	30-year
	Less than 0.25 m/s
	0.25 - 0.50 m/s
	0.50 - 1.00 m/s
	1.00 - 2.00 m/s
	Over 2.00 m/s

Surface Water Depth (mm)

	1000-year
	100-year
	30-year
	Below 150mm
	150 - 300mm
	300 - 600mm
	600 - 900mm
	900 - 1200mm
	Over 1200mm

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Site ID: CFS1124sc

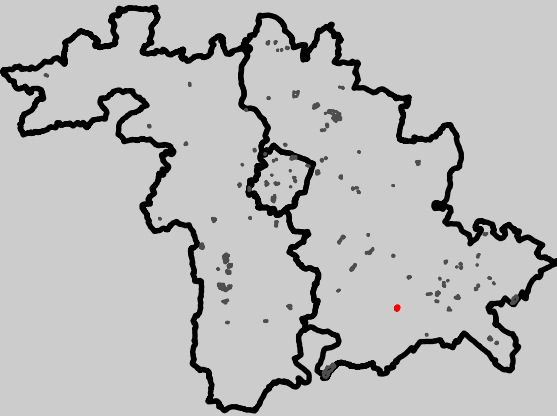
District: Wychavon District Council Area: 1.476 ha

Flood Zone Coverage (%)	FZ3b : 0	FZ3a: 0	FZ2: 0	FZ1: 100
--------------------------------	-----------------	----------------	---------------	-----------------

Proposed Development Details:
Residential

APPENDIX A LEVEL 2 GEOPDF
MAPPING

SOUTH WORCESTERSHIRE LEVEL 2
STRATEGIC FLOOD RISK ASSESSMENT



Please refer to Main Report and Site Summary Table for further information on the datasets

LEGEND

Flood Zones

- | | |
|--|-----------------|
| | Flood Zone 3b |
| | Indicative FZ3b |
| | Flood Zone 3a |
| | Flood Zone 2 |

Climate Change
(Fluvial flood risk)

- | | |
|--|------------------|
| | Central |
| | Higher Central |
| | Upper End |
| | Indicative (FZ2) |

Groundwater Levels Risk
Mapping (JBA)

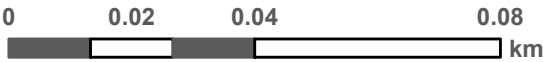
- Distance below surface (m)**
- | | |
|--|--------------|
| | No risk |
| | > 5m |
| | 0.50-5.0 |
| | 0.025 - 0.50 |
| | <0.025m |

Susceptibility to
Groundwater Flooding (EA)

- Level of risk**
- | | |
|--|-------------|
| | < 25% |
| | >= 25% <50% |
| | >= 50% <75% |
| | >= 75% |

Surface Water Depth (mm)

- | | |
|--|--------------|
| | 1000-year |
| | 100-year |
| | 30-year |
| | Below 150mm |
| | 150 - 300mm |
| | 300 - 600mm |
| | 600 - 900mm |
| | 900 - 1200mm |
| | Over 1200mm |



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LEGEND

Authority Information

- | | |
|--|-------------------------------|
| | Level 2 SFRA Sites |
| | South Worcestershire Boundary |
| | Watercourses |

- | | |
|--|-----------------------|
| | Main Rivers |
| | Ordinary Watercourses |

Defences

- | | |
|--|------------|
| | embankment |
| | wall |

Flood Warning and
Flood Alert Areas

- | | |
|--|-------------------|
| | Flood Warning |
| | Flood Alert Areas |

Reservoirs

- | | |
|--|------------|
| | Reservoirs |
|--|------------|

Other

- | | |
|--|-------------------------|
| | Historic Landfill Sites |
| | Historic Flood Map |

Risk of Flooding from Rivers
and Sea

- Probability**
- | | |
|--|----------|
| | Very Low |
| | Low |
| | Medium |
| | High |

Surface Water Extent

- | | |
|--|------------|
| | RoFSW 3.3% |
| | RoFSW 1% |
| | RoFSW 0.1% |

Surface Water Velocity (m/s)

- | | |
|--|--------------------|
| | 1000-year |
| | 100-year |
| | 30-year |
| | Less than 0.25 m/s |
| | 0.25 - 0.50 m/s |
| | 0.50 - 1.00 m/s |
| | 1.00 - 2.00 m/s |
| | Over 2.00 m/s |

Surface Water Hazard

- | | |
|--|-------------------------------|
| | 1000-year |
| | 100-year |
| | 30-year |
| | 0.50 - 0.75 (Very low hazard) |
| | 0.75 - 1.25 (Danger for some) |
| | 1.25 - 2.00 (Danger for most) |
| | >2.00 (Danger for all) |

Site ID: CFS1144

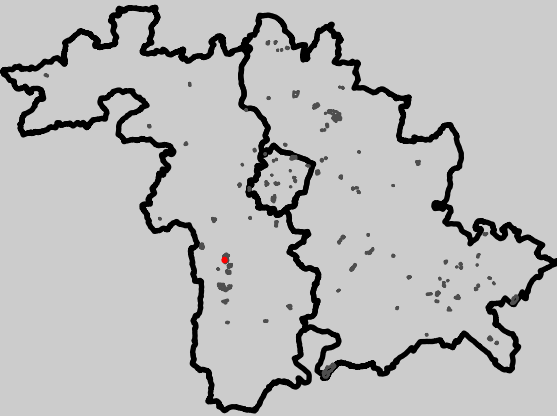
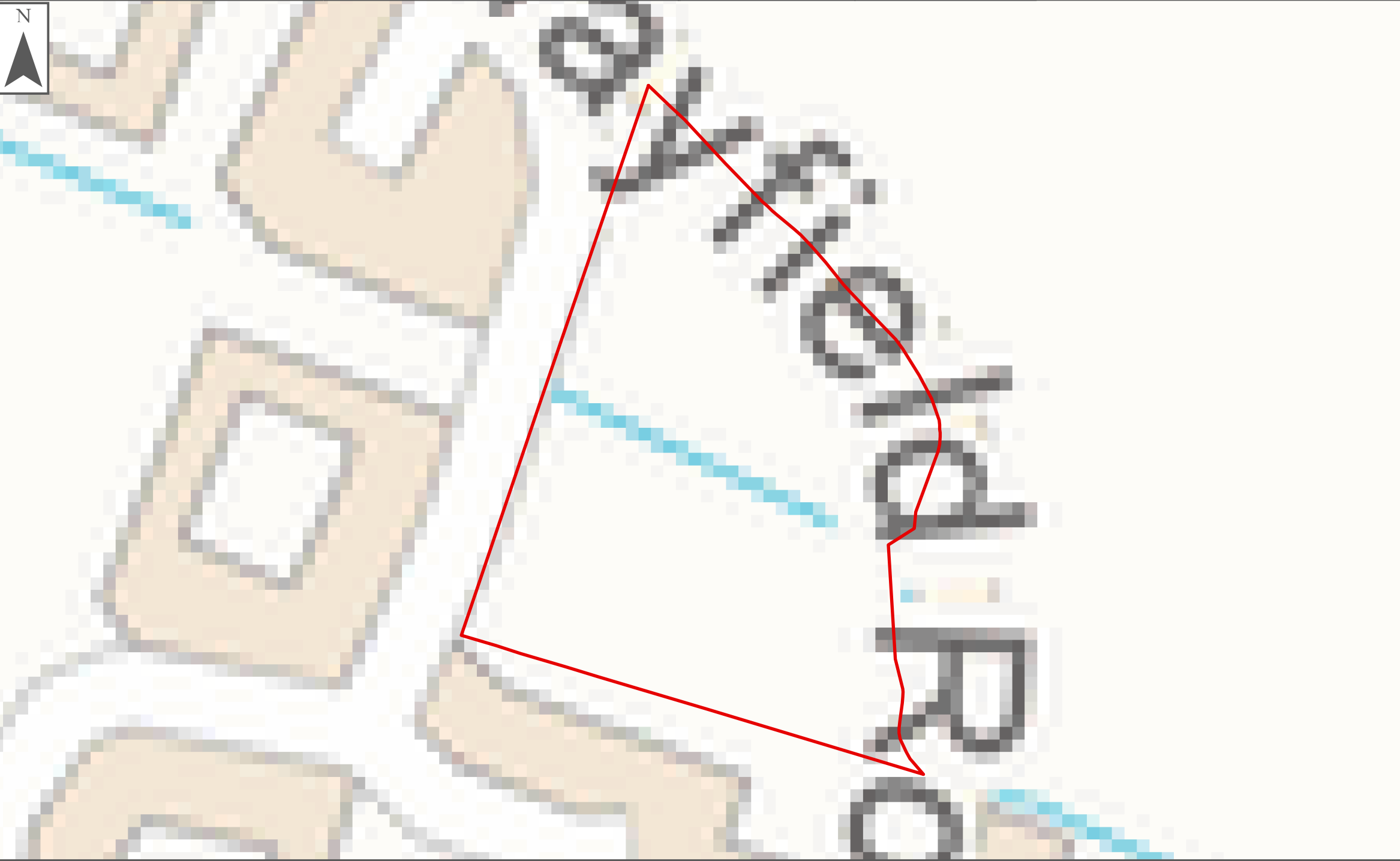
District: Malvern Hills District Council Area: 0.769 ha

Flood Zone Coverage (%)	FZ3b : 0	FZ3a: 0	FZ2: 0	FZ1: 100
--------------------------------	-----------------	----------------	---------------	-----------------

Proposed Development Details:
Residential

APPENDIX A LEVEL 2 GEOPDF
MAPPING

SOUTH WORCESTERSHIRE LEVEL 2
STRATEGIC FLOOD RISK ASSESSMENT



Please refer to Main Report and Site Summary Table for further information on the datasets

LEGEND

Flood Zones

	Flood Zone 3b
	Indicative FZ3b
	Flood Zone 3a
	Flood Zone 2

Climate Change (Fluvial flood risk)

	Central
	Higher Central
	Upper End
	Indicative (FZ2)

Groundwater Levels Risk Mapping (JBA)

Distance below surface (m)

	No risk
	> 5m
	0.50-5.0
	0.025 - 0.50
	<0.025m

Susceptibility to Groundwater Flooding (EA)

Level of risk

	< 25%
	>= 25% <50%
	>= 50% <75%
	>= 75%

Surface Water Depth (mm)

	1000-year
	100-year
	30-year
	Below 150mm
	150 - 300mm
	300 - 600mm
	600 - 900mm
	900 - 1200mm
	Over 1200mm

LEGEND

Authority Information

	Level 2 SFRA Sites
	South Worcestershire Boundary

Watercourses

	Main Rivers
	Ordinary Watercourses

Defences

	embankment
	wall

Flood Warning and Flood Alert Areas

	Flood Warning
	Flood Alert Areas

Reservoirs

	Reservoirs
--	------------

Other

	Historic Landfill Sites
	Historic Flood Map

Risk of Flooding from Rivers and Sea

Probability

	Very Low
	Low
	Medium
	High

Surface Water Extent

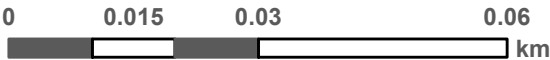
	RoFSW 3.3%
	RoFSW 1%
	RoFSW 0.1%

Surface Water Velocity (m/s)

	1000-year
	100-year
	30-year
	Less than 0.25 m/s
	0.25 - 0.50 m/s
	0.50 - 1.00 m/s
	1.00 - 2.00 m/s
	Over 2.00 m/s

Surface Water Hazard

	1000-year
	100-year
	30-year
	0.50 - 0.75 (Very low hazard)
	0.75 - 1.25 (Danger for some)
	1.25 - 2.00 (Danger for most)
	>2.00 (Danger for all)



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Site ID: CFS1180

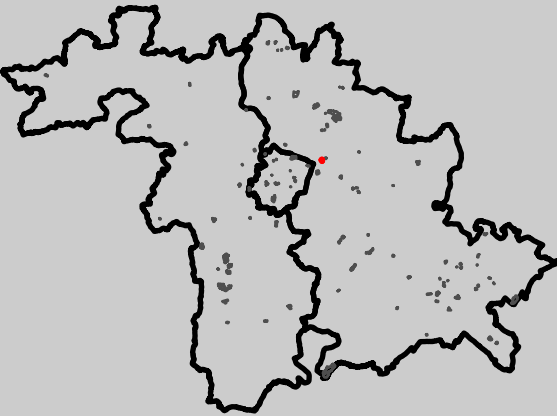
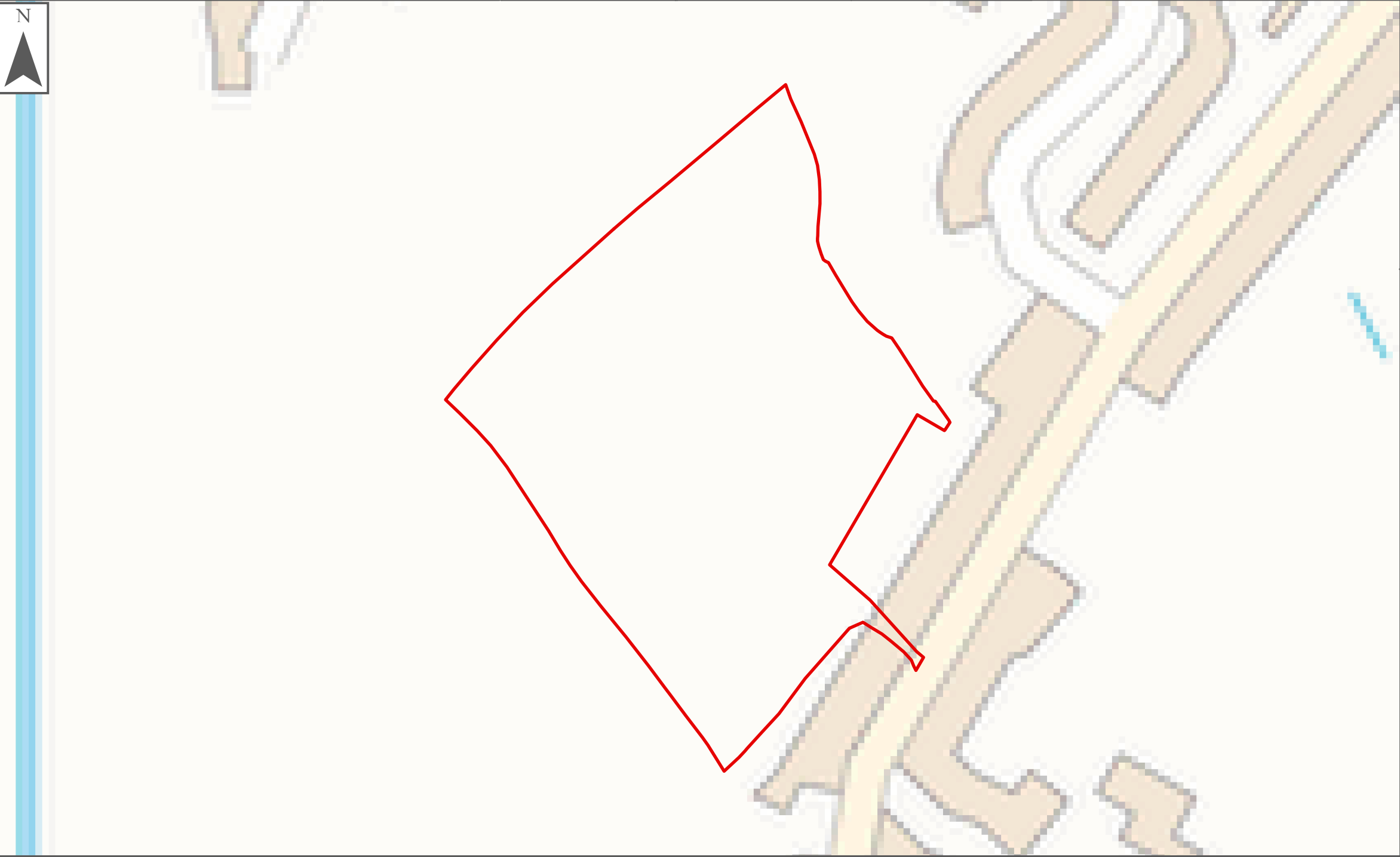
District: Wychavon District Council Area: 2.485 ha

Flood Zone Coverage (%)	FZ3b : 0	FZ3a: 0	FZ2: 0	FZ1: 100
--------------------------------	-----------------	----------------	---------------	-----------------

Proposed Development Details:
Residential

APPENDIX A LEVEL 2 GEOPDF
MAPPING

SOUTH WORCESTERSHIRE LEVEL 2
STRATEGIC FLOOD RISK ASSESSMENT



Please refer to Main Report and Site Summary Table for further information on the datasets

LEGEND

Flood Zones

- | | |
|--|-----------------|
| | Flood Zone 3b |
| | Indicative FZ3b |
| | Flood Zone 3a |
| | Flood Zone 2 |

Climate Change
(Fluvial flood risk)

- | | |
|--|------------------|
| | Central |
| | Higher Central |
| | Upper End |
| | Indicative (FZ2) |

Groundwater Levels Risk
Mapping (JBA)

- Distance below surface (m)
- | | |
|--|--------------|
| | No risk |
| | > 5m |
| | 0.50-5.0 |
| | 0.025 - 0.50 |
| | <0.025m |

Susceptibility to
Groundwater Flooding (EA)

- Level of risk
- | | |
|--|-------------|
| | < 25% |
| | >= 25% <50% |
| | >= 50% <75% |
| | >= 75% |

Surface Water Depth (mm)

- 1000-year
- 100-year
- 30-year
- | | |
|--|--------------|
| | Below 150mm |
| | 150 - 300mm |
| | 300 - 600mm |
| | 600 - 900mm |
| | 900 - 1200mm |
| | Over 1200mm |

LEGEND

Authority Information

- Level 2 SFRA Sites
- South Worcestershire Boundary

- Main Rivers
- Ordinary Watercourses

Defences

- embankment
- wall

Flood Warning and
Flood Alert Areas

- Flood Warning
- Flood Alert Areas

Reservoirs

- Reservoirs

Other

- Historic Landfill Sites
- Historic Flood Map

Risk of Flooding from Rivers
and Sea

- Probability
- | | |
|--|----------|
| | Very Low |
| | Low |
| | Medium |
| | High |

Surface Water Extent

- RoFSW 3.3%
- RoFSW 1%
- RoFSW 0.1%

Surface Water Velocity (m/s)

- 1000-year
- 100-year
- 30-year
- | | |
|--|--------------------|
| | Less than 0.25 m/s |
| | 0.25 - 0.50 m/s |
| | 0.50 - 1.00 m/s |
| | 1.00 - 2.00 m/s |
| | Over 2.00 m/s |

Surface Water Hazard

- 1000-year
- 100-year
- 30-year
- | | |
|--|-------------------------------|
| | 0.50 - 0.75 (Very low hazard) |
| | 0.75 - 1.25 (Danger for some) |
| | 1.25 - 2.00 (Danger for most) |
| | >2.00 (Danger for all) |

0 0.0275 0.055 0.11
km

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Site ID: CFS1181

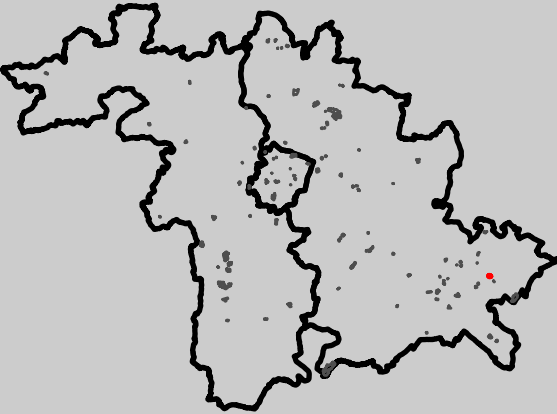
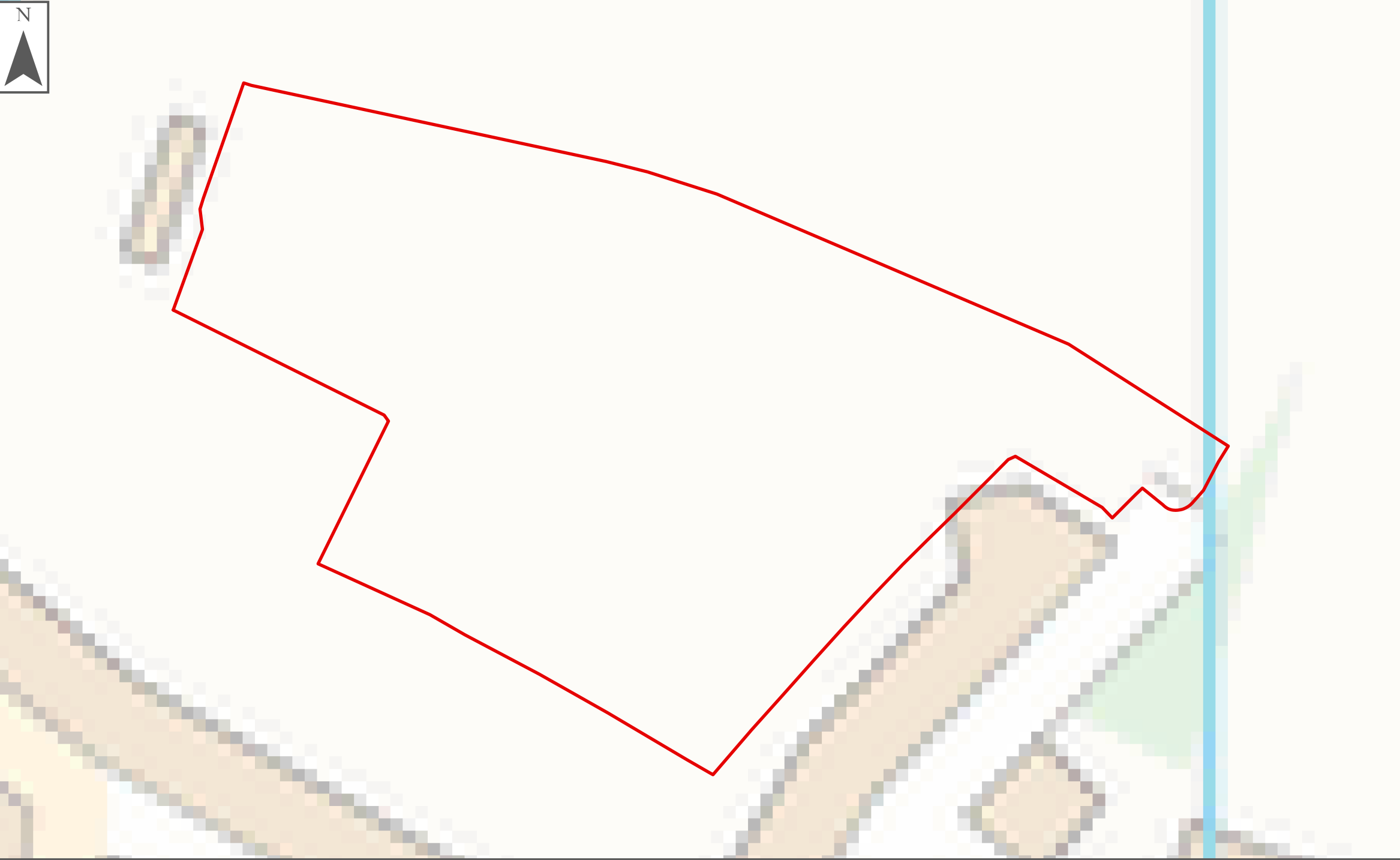
District: Wychavon District Council Area: 1.476 ha

Flood Zone Coverage (%)	FZ3b : 0	FZ3a: 0	FZ2: 100	FZ1: 0
--------------------------------	-----------------	----------------	-----------------	---------------

Proposed Development Details:
Residential

APPENDIX A LEVEL 2 GEOPDF
MAPPING

SOUTH WORCESTERSHIRE LEVEL 2
STRATEGIC FLOOD RISK ASSESSMENT



Please refer to Main Report and Site Summary Table for further information on the datasets

LEGEND

Flood Zones

- | | | |
|--|--|-----------------|
| | | Flood Zone 3b |
| | | Indicative FZ3b |
| | | Flood Zone 3a |
| | | Flood Zone 2 |

Climate Change
(Fluvial flood risk)

- | | | |
|--|--|------------------|
| | | Central |
| | | Higher Central |
| | | Upper End |
| | | Indicative (FZ2) |

Groundwater Levels Risk
Mapping (JBA)

- Distance below surface (m)
- | | |
|--|--------------|
| | No risk |
| | > 5m |
| | 0.50-5.0 |
| | 0.025 - 0.50 |
| | <0.025m |

Susceptibility to
Groundwater Flooding (EA)

- Level of risk
- | | |
|--|-------------|
| | < 25% |
| | >= 25% <50% |
| | >= 50% <75% |
| | >= 75% |

Surface Water Depth (mm)

- 1000-year
 100-year
 30-year
- | | |
|--|--------------|
| | Below 150mm |
| | 150 - 300mm |
| | 300 - 600mm |
| | 600 - 900mm |
| | 900 - 1200mm |
| | Over 1200mm |

LEGEND

Authority Information

- Level 2 SFRA Sites
 South Worcestershire Boundary
 Main Rivers
 Ordinary Watercourses

- Main Rivers
 Ordinary Watercourses

Defences

- embankment
 wall

Flood Warning and
Flood Alert Areas

- Flood Warning
 Flood Alert Areas

Reservoirs

- Reservoirs

Other

- Historic Landfill Sites
 Historic Flood Map

Risk of Flooding from Rivers
and Sea

- Probability
- | | |
|--|----------|
| | Very Low |
| | Low |
| | Medium |
| | High |

Surface Water Extent

- RoFSW 3.3%
 RoFSW 1%
 RoFSW 0.1%

Surface Water Velocity (m/s)

- 1000-year
 100-year
 30-year
- | | |
|--|--------------------|
| | Less than 0.25 m/s |
| | 0.25 - 0.50 m/s |
| | 0.50 - 1.00 m/s |
| | 1.00 - 2.00 m/s |
| | Over 2.00 m/s |

Surface Water Hazard

- 1000-year
 100-year
 30-year
- | | |
|--|-------------------------------|
| | 0.50 - 0.75 (Very low hazard) |
| | 0.75 - 1.25 (Danger for some) |
| | 1.25 - 2.00 (Danger for most) |
| | >2.00 (Danger for all) |

0 0.015 0.03 0.06
km

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Site ID: SWDP43/29a

District: Worcester City

Area: 5.26 ha

Proposed Development Details:
University

Flood Zone Coverage (%)

FZ3b : 0.57

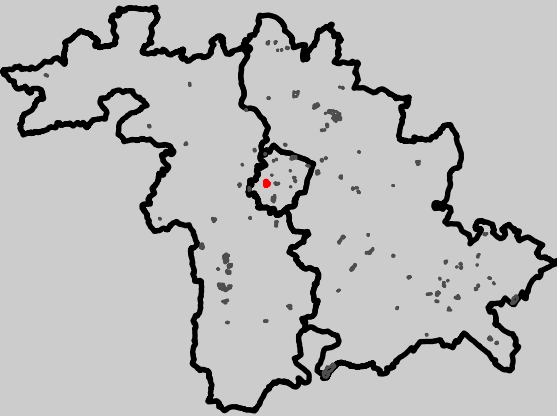
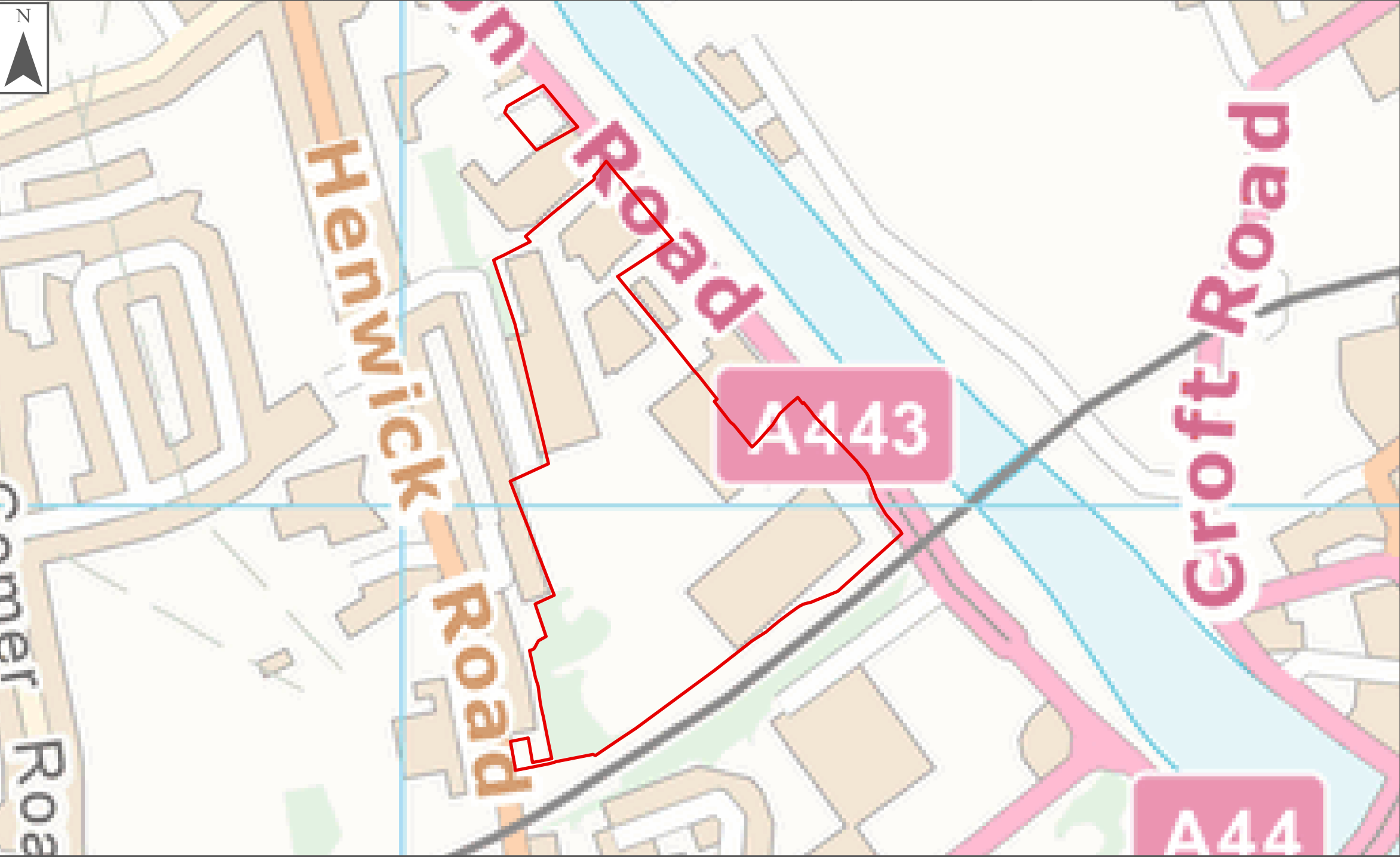
FZ3a: 44.3

FZ2: 98.48

FZ1: 1.52

APPENDIX A LEVEL 2 GEOPDF
MAPPING

SOUTH WORCESTERSHIRE LEVEL 2
STRATEGIC FLOOD RISK ASSESSMENT



Please refer to Main Report and Site Summary Table for further information on the datasets

LEGEND

Flood Zones

- Flood Zone 3b
- Indicative FZ3b
- Flood Zone 3a
- Flood Zone 2

Climate Change
(Fluvial flood risk)

- Central
- Higher Central
- Upper End
- Indicative (FZ2)

Groundwater Levels Risk
Mapping (JBA)

- Distance below surface (m)
- No risk
 - > 5m
 - 0.50-5.0
 - 0.025 - 0.50
 - <0.025m

Susceptibility to
Groundwater Flooding (EA)

- Level of risk
- < 25%
 - >= 25% <50%
 - >= 50% <75%
 - >= 75%

Surface Water Depth (mm)

- 1000-year
- 100-year
- 30-year
- Below 150mm
- 150 - 300mm
- 300 - 600mm
- 600 - 900mm
- 900 - 1200mm
- Over 1200mm

LEGEND

Authority Information

- Level 2 SFRA Sites
- South Worcestershire Boundary
- Watercourses

- Main Rivers
- Ordinary Watercourses

Defences

- embankment
- wall

Flood Warning and
Flood Alert Areas

- Flood Warning
- Flood Alert Areas

Reservoirs

- Reservoirs

Other

- Historic Landfill Sites
- Historic Flood Map

Risk of Flooding from Rivers
and Sea

- Probability
- Very Low
 - Low
 - Medium
 - High

Surface Water Extent

- RoFSW 3.3%
- RoFSW 1%
- RoFSW 0.1%

Surface Water Velocity (m/s)

- 1000-year
- 100-year
- 30-year
- Less than 0.25 m/s
- 0.25 - 0.50 m/s
- 0.50 - 1.00 m/s
- 1.00 - 2.00 m/s
- Over 2.00 m/s

Surface Water Hazard

- 1000-year
- 100-year
- 30-year
- 0.50 - 0.75 (Very low hazard)
- 0.75 - 1.25 (Danger for some)
- 1.25 - 2.00 (Danger for most)
- >2.00 (Danger for all)

0 0.05 0.1 0.2 km

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Site ID: SWDP44/3

District: Worcester City

Area: 2.112 ha

Proposed Development Details:
Retail

Flood Zone Coverage (%)

FZ3b :

0

FZ3a:

0

FZ2:

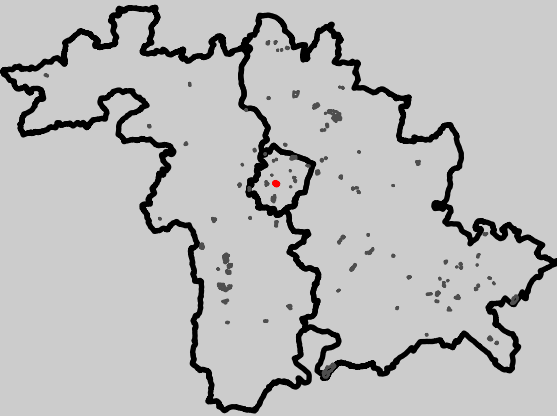
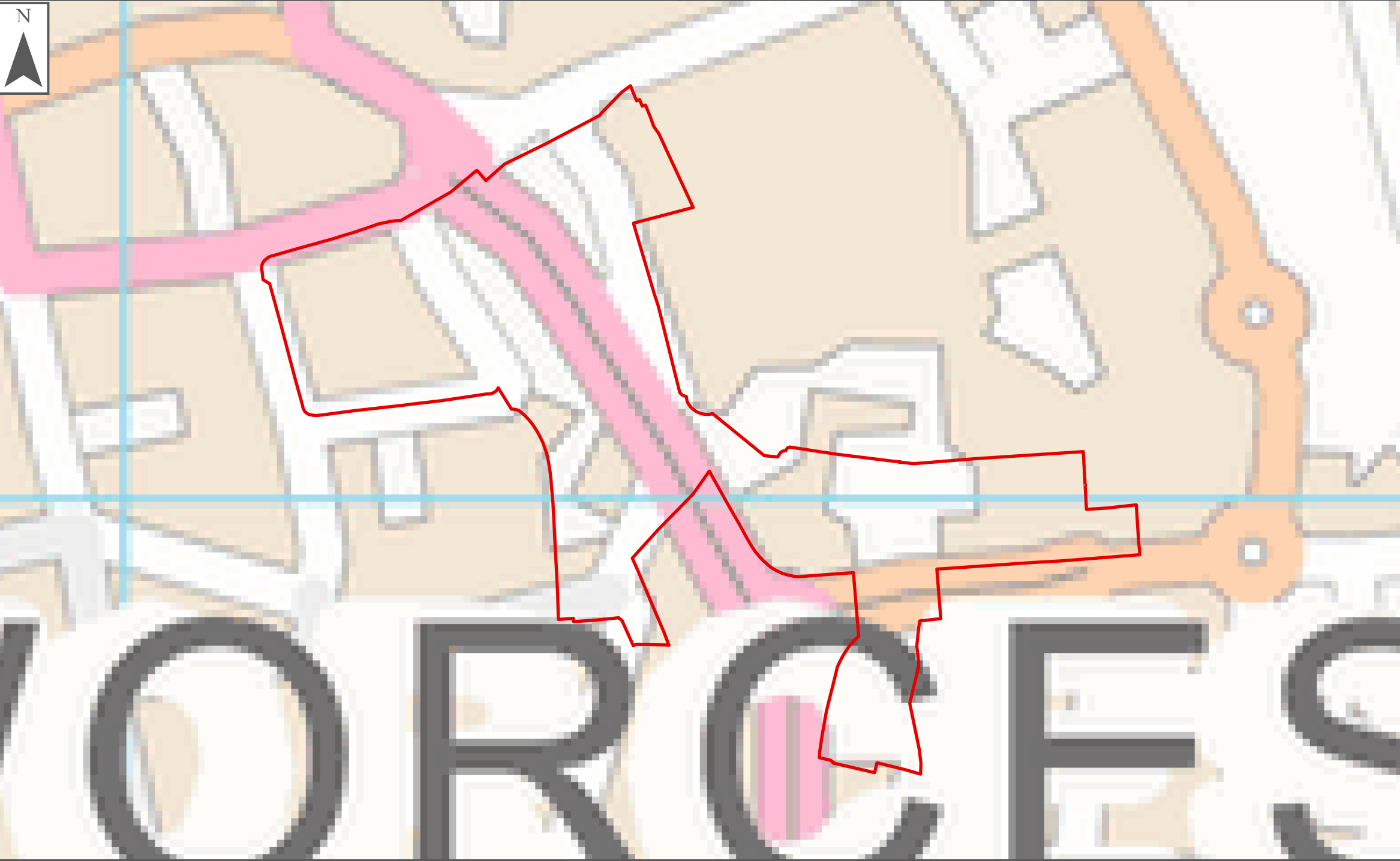
0

FZ1:

100

APPENDIX A LEVEL 2 GEOPDF
MAPPING

SOUTH WORCESTERSHIRE LEVEL 2
STRATEGIC FLOOD RISK ASSESSMENT



Please refer to Main Report and Site Summary Table for further information on the datasets

LEGEND

Flood Zones

- Flood Zone 3b
- Indicative FZ3b
- Flood Zone 3a
- Flood Zone 2

Climate Change
(Fluvial flood risk)

- Central
- Higher Central
- Upper End
- Indicative (FZ2)

Groundwater Levels Risk
Mapping (JBA)

- Distance below surface (m)
- No risk
 - > 5m
 - 0.50-5.0
 - 0.025 - 0.50
 - <0.025m

Susceptibility to
Groundwater Flooding (EA)

- Level of risk
- < 25%
 - >= 25% <50%
 - >= 50% <75%
 - >= 75%

Surface Water Depth (mm)

- 1000-year
- 100-year
- 30-year
- Below 150mm
- 150 - 300mm
- 300 - 600mm
- 600 - 900mm
- 900 - 1200mm
- Over 1200mm

LEGEND

Authority Information

- Level 2 SFRA Sites
- South Worcestershire Boundary

- Watercourses
- Main Rivers
 - Ordinary Watercourses

Defences

- embankment
- wall

Flood Warning and
Flood Alert Areas

- Flood Warning
- Flood Alert Areas

Reservoirs

- Reservoirs

Other

- Historic Landfill Sites
- Historic Flood Map

Risk of Flooding from Rivers
and Sea

- Probability
- Very Low
 - Low
 - Medium
 - High

Surface Water Extent

- RoFSW 3.3%
- RoFSW 1%
- RoFSW 0.1%

Surface Water Velocity (m/s)

- 1000-year
- 100-year
- 30-year
- Less than 0.25 m/s
- 0.25 - 0.50 m/s
- 0.50 - 1.00 m/s
- 1.00 - 2.00 m/s
- Over 2.00 m/s

Surface Water Hazard

- 1000-year
- 100-year
- 30-year
- 0.50 - 0.75 (Very low hazard)
- 0.75 - 1.25 (Danger for some)
- 1.25 - 2.00 (Danger for most)
- >2.00 (Danger for all)

0 0.025 0.05 0.1 km

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Site ID: CFS0117

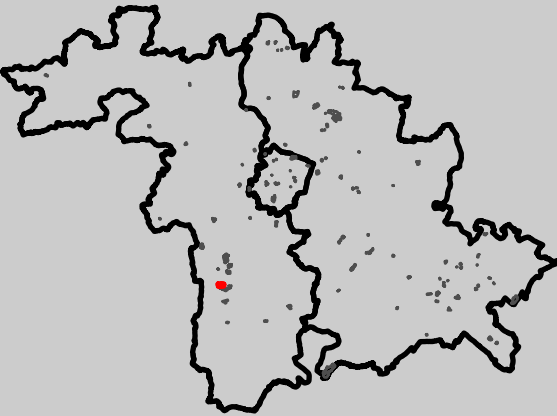
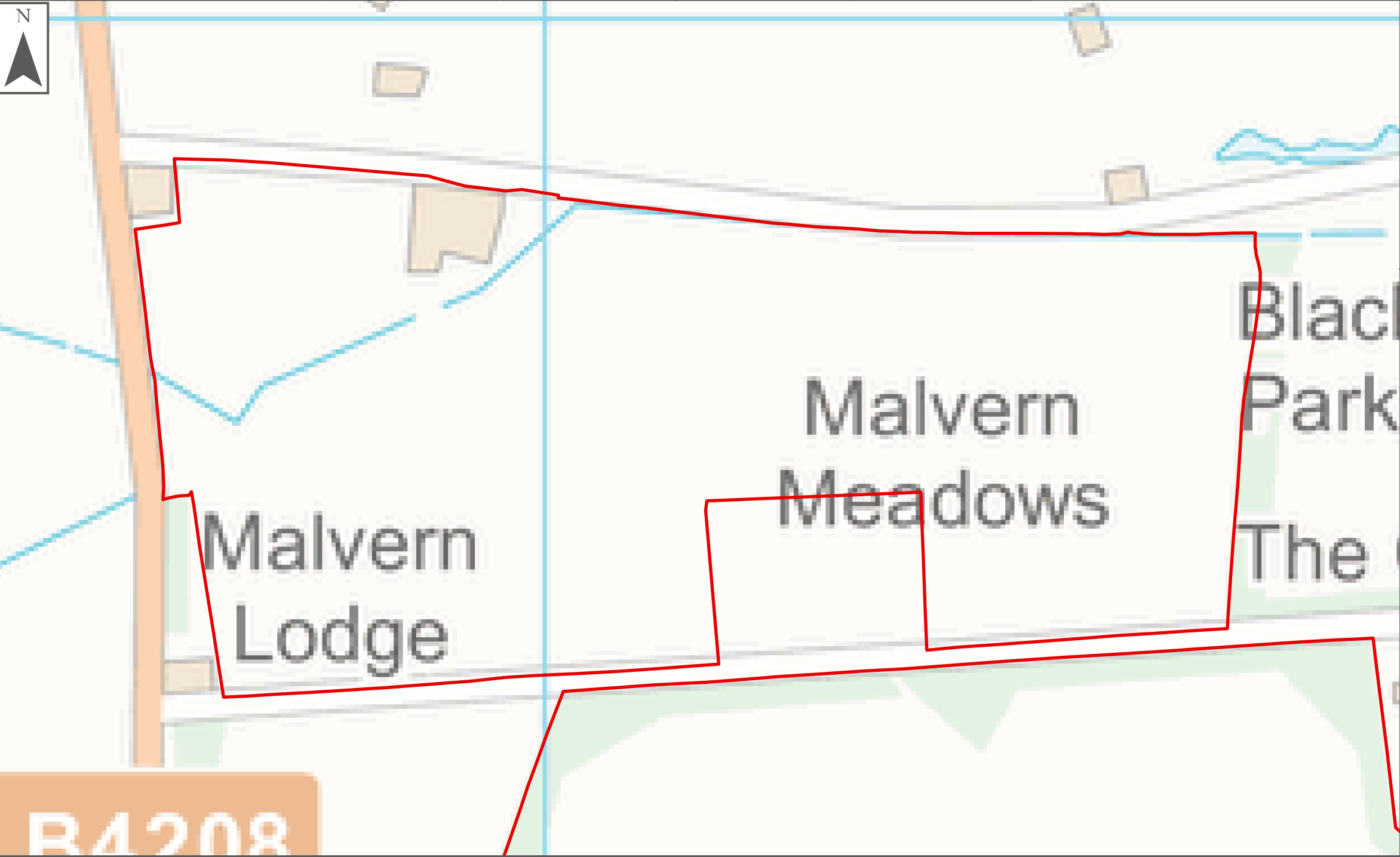
District: Malvern Hills District Council Area: 14.054 ha

Flood Zone Coverage (%)	FZ3b :	0	FZ3a:	0	FZ2:	0	FZ1:	100
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Proposed Development Details:
Employment

APPENDIX A LEVEL 2 GEOPDF
MAPPING

SOUTH WORCESTERSHIRE LEVEL 2
STRATEGIC FLOOD RISK ASSESSMENT



Please refer to Main Report and Site Summary Table for further information on the datasets

LEGEND

Flood Zones

	Flood Zone 3b
	Indicative FZ3b
	Flood Zone 3a
	Flood Zone 2

Climate Change (Fluvial flood risk)

	Central
	Higher Central
	Upper End
	Indicative (FZ2)

Groundwater Levels Risk Mapping (JBA)

Distance below surface (m)

	No risk
> 5m symbol"/>	> 5m
	0.50-5.0
	0.025 - 0.50
	<0.025m

Susceptibility to Groundwater Flooding (EA)

Level of risk

	< 25%
	>= 25% <50%
	>= 50% <75%
	>= 75%



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LEGEND

Authority Information

	Level 2 SFRA Sites
	South Worcestershire Boundary

Watercourses

	Main Rivers
	Ordinary Watercourses

Defences

	embankment
	wall

Flood Warning and Flood Alert Areas

	Flood Warning
	Flood Alert Areas

Reservoirs

	Reservoirs
--	------------

Other

	Historic Landfill Sites
	Historic Flood Map

Risk of Flooding from Rivers and Sea

Probability

	Very Low
	Low
	Medium
	High

Surface Water Extent

	RoFSW 3.3%
	RoFSW 1%
	RoFSW 0.1%

Surface Water Velocity (m/s)

	1000-year
	100-year
	30-year
	Less than 0.25 m/s
	0.25 - 0.50 m/s
	0.50 - 1.00 m/s
	1.00 - 2.00 m/s
	Over 2.00 m/s

Surface Water Hazard

	1000-year
	100-year
	30-year
	0.50 - 0.75 (Very low hazard)
	0.75 - 1.25 (Danger for some)
	1.25 - 2.00 (Danger for most)
	>2.00 (Danger for all)

Surface Water Depth (mm)

	1000-year
	100-year
	30-year
	Below 150mm
	150 - 300mm
	300 - 600mm
	600 - 900mm
	900 - 1200mm
	Over 1200mm

Site ID: CFS0120

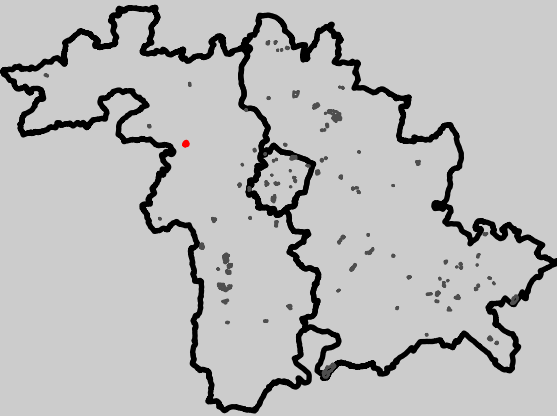
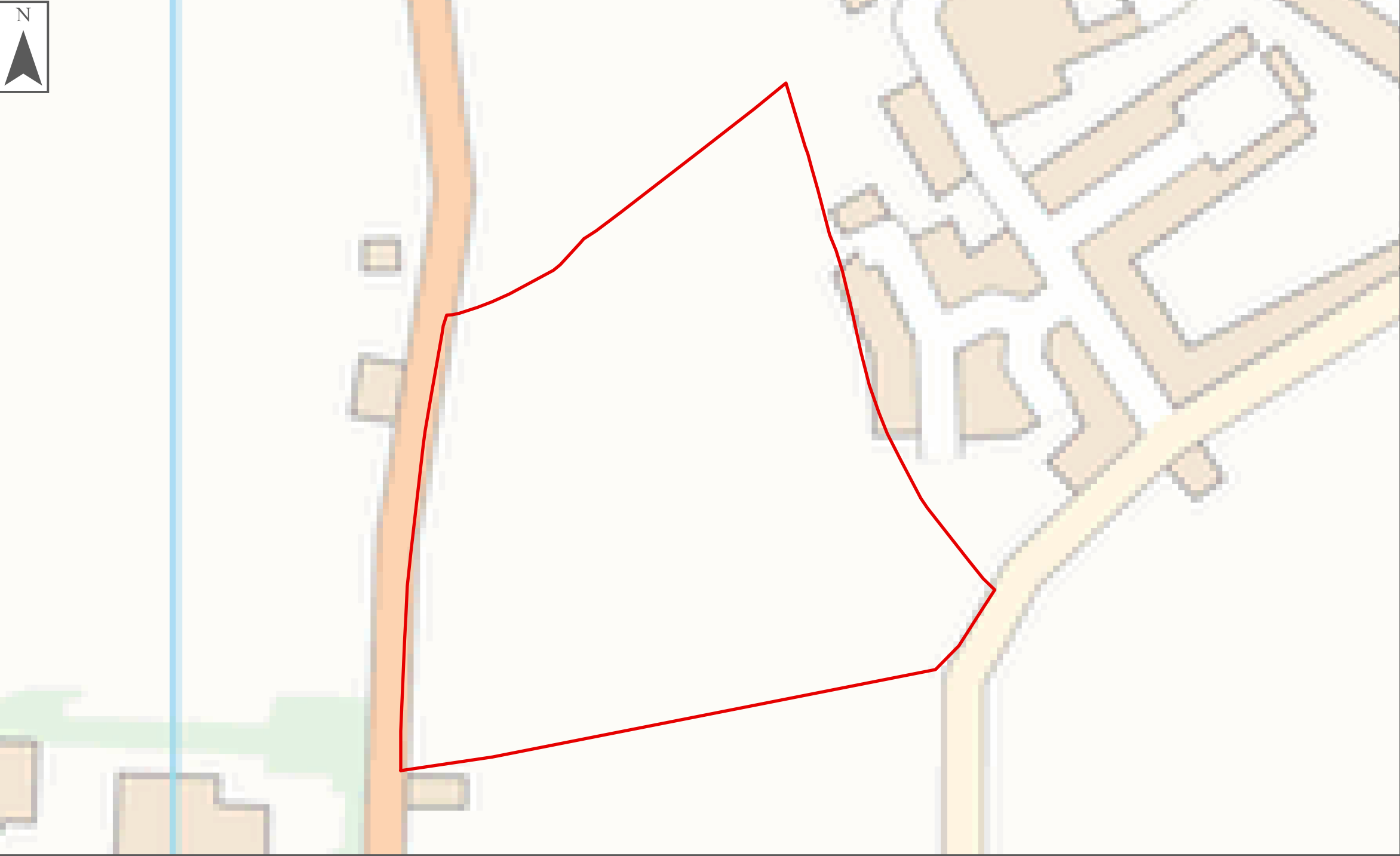
District: Malvern Hills District Council Area: 3.937 ha

Flood Zone Coverage (%)	FZ3b : 0	FZ3a: 0	FZ2: 0	FZ1: 100
--------------------------------	-----------------	----------------	---------------	-----------------

Proposed Development Details:
Residential

APPENDIX A LEVEL 2 GEOPDF
MAPPING

SOUTH WORCESTERSHIRE LEVEL 2
STRATEGIC FLOOD RISK ASSESSMENT



Please refer to Main Report and Site Summary Table for further information on the datasets

LEGEND

Flood Zones

- | | |
|--|-----------------|
| | Flood Zone 3b |
| | Indicative FZ3b |
| | Flood Zone 3a |
| | Flood Zone 2 |

Climate Change
(Fluvial flood risk)

- | | |
|--|------------------|
| | Central |
| | Higher Central |
| | Upper End |
| | Indicative (FZ2) |

Groundwater Levels Risk
Mapping (JBA)

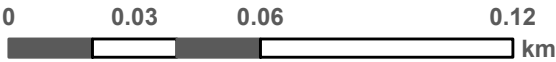
- Distance below surface (m)**
- | | |
|--|--------------|
| | No risk |
| | > 5m |
| | 0.50-5.0 |
| | 0.025 - 0.50 |
| | <0.025m |

Susceptibility to
Groundwater Flooding (EA)

- Level of risk**
- | | |
|--|-------------|
| | < 25% |
| | >= 25% <50% |
| | >= 50% <75% |
| | >= 75% |

Surface Water Depth (mm)

- | | |
|--|--------------|
| | 1000-year |
| | 100-year |
| | 30-year |
| | Below 150mm |
| | 150 - 300mm |
| | 300 - 600mm |
| | 600 - 900mm |
| | 900 - 1200mm |
| | Over 1200mm |



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LEGEND

Authority Information

- | | |
|--|-------------------------------|
| | Level 2 SFRA Sites |
| | South Worcestershire Boundary |

- Watercourses**
- | | |
|--|-----------------------|
| | Main Rivers |
| | Ordinary Watercourses |

Defences

- | | |
|--|------------|
| | embankment |
| | wall |

Flood Warning and
Flood Alert Areas

- | | |
|--|-------------------|
| | Flood Warning |
| | Flood Alert Areas |

Reservoirs

- | | |
|--|------------|
| | Reservoirs |
|--|------------|

Other

- | | |
|--|-------------------------|
| | Historic Landfill Sites |
| | Historic Flood Map |

Risk of Flooding from Rivers
and Sea

- Probability**
- | | |
|--|----------|
| | Very Low |
| | Low |
| | Medium |
| | High |

Surface Water Extent

- | | |
|--|------------|
| | RoFSW 3.3% |
| | RoFSW 1% |
| | RoFSW 0.1% |

Surface Water Velocity (m/s)

- | | |
|--|--------------------|
| | 1000-year |
| | 100-year |
| | 30-year |
| | Less than 0.25 m/s |
| | 0.25 - 0.50 m/s |
| | 0.50 - 1.00 m/s |
| | 1.00 - 2.00 m/s |
| | Over 2.00 m/s |

Surface Water Hazard

- | | |
|--|-------------------------------|
| | 1000-year |
| | 100-year |
| | 30-year |
| | 0.50 - 0.75 (Very low hazard) |
| | 0.75 - 1.25 (Danger for some) |
| | 1.25 - 2.00 (Danger for most) |
| | >2.00 (Danger for all) |

Site ID: CFS0143

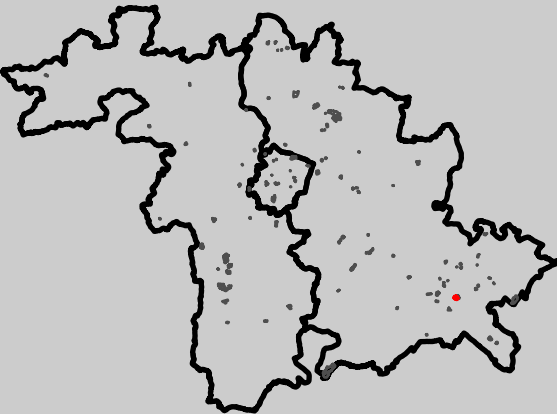
District: Wychavon District Council Area: 1.765 ha

Flood Zone Coverage (%)	FZ3b : 0	FZ3a: 0	FZ2: 0	FZ1: 100
--------------------------------	-----------------	----------------	---------------	-----------------

Proposed Development Details:
Employment

APPENDIX A LEVEL 2 GEOPDF
MAPPING

SOUTH WORCESTERSHIRE LEVEL 2
STRATEGIC FLOOD RISK ASSESSMENT



Please refer to Main Report and Site Summary Table for further information on the datasets

LEGEND

Flood Zones

- | | | |
|--|--|-----------------|
| | | Flood Zone 3b |
| | | Indicative FZ3b |
| | | Flood Zone 3a |
| | | Flood Zone 2 |

Climate Change
(Fluvial flood risk)

- | | | |
|--|--|------------------|
| | | Central |
| | | Higher Central |
| | | Upper End |
| | | Indicative (FZ2) |

Groundwater Levels Risk
Mapping (JBA)

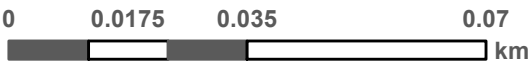
- Distance below surface (m)**
- | | |
|--|--------------|
| | No risk |
| | > 5m |
| | 0.50-5.0 |
| | 0.025 - 0.50 |
| | <0.025m |

Susceptibility to
Groundwater Flooding (EA)

- Level of risk**
- | | |
|--|-------------|
| | < 25% |
| | >= 25% <50% |
| | >= 50% <75% |
| | >= 75% |

Surface Water Depth (mm)

- 1000-year
 100-year
 30-year
- | | |
|--|--------------|
| | Below 150mm |
| | 150 - 300mm |
| | 300 - 600mm |
| | 600 - 900mm |
| | 900 - 1200mm |
| | Over 1200mm |



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LEGEND

Authority Information

- Level 2 SFRA Sites
 South Worcestershire Boundary
 Watercourses

- Main Rivers
 Ordinary Watercourses

Defences

- embankment
 wall

Flood Warning and
Flood Alert Areas

- Flood Warning
 Flood Alert Areas

Reservoirs

- Reservoirs

Other

- Historic Landfill Sites
 Historic Flood Map

Risk of Flooding from Rivers
and Sea

- Probability**
- | | |
|--|----------|
| | Very Low |
| | Low |
| | Medium |
| | High |

Surface Water Extent

- RoFSW 3.3%
 RoFSW 1%
 RoFSW 0.1%

Surface Water Velocity (m/s)

- 1000-year
 100-year
 30-year
- | | |
|--|--------------------|
| | Less than 0.25 m/s |
| | 0.25 - 0.50 m/s |
| | 0.50 - 1.00 m/s |
| | 1.00 - 2.00 m/s |
| | Over 2.00 m/s |

Surface Water Hazard

- 1000-year
 100-year
 30-year
- | | |
|--|-------------------------------|
| | 0.50 - 0.75 (Very low hazard) |
| | 0.75 - 1.25 (Danger for some) |
| | 1.25 - 2.00 (Danger for most) |
| | >2.00 (Danger for all) |

Site ID: CFS0252

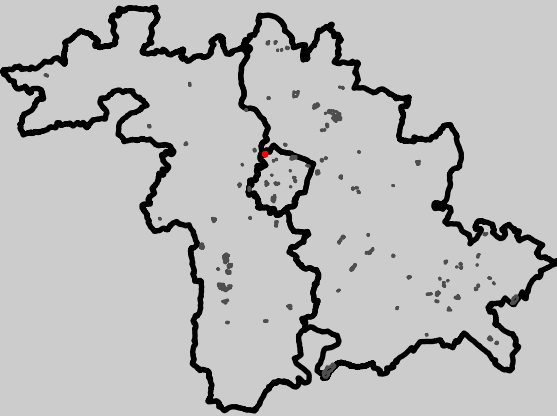
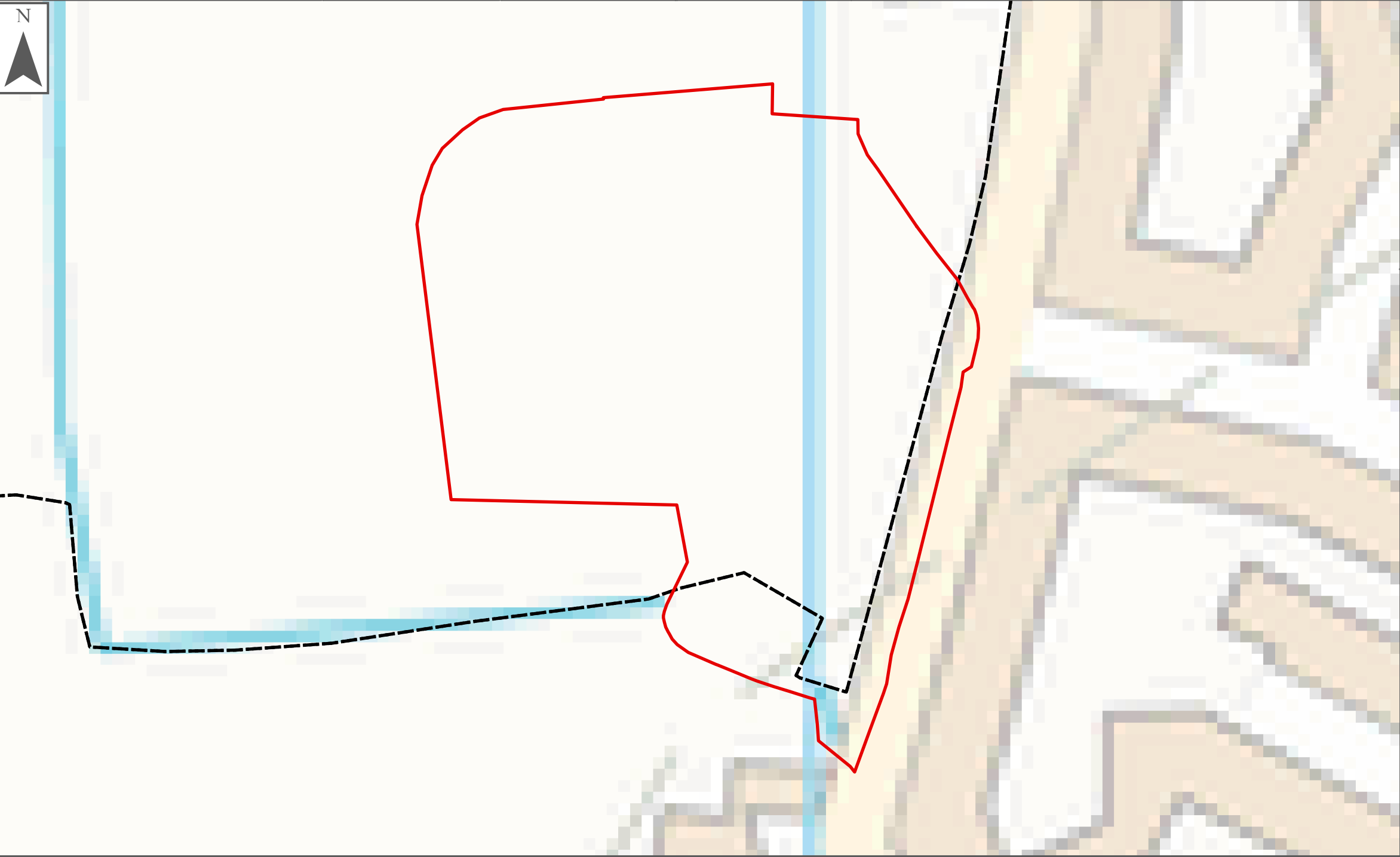
District: Wychavon District Council Area: 1.145 ha

Flood Zone Coverage (%)	FZ3b : 0	FZ3a: 0.87	FZ2: 17.39	FZ1: 82.61
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Proposed Development Details:
Residential

APPENDIX A LEVEL 2 GEOPDF
MAPPING

SOUTH WORCESTERSHIRE LEVEL 2
STRATEGIC FLOOD RISK ASSESSMENT



Please refer to Main Report and Site Summary Table for further information on the datasets

LEGEND

Flood Zones

		Flood Zone 3b
		Indicative FZ3b
		Flood Zone 3a
		Flood Zone 2

Climate Change (Fluvial flood risk)

		Central
		Higher Central
		Upper End
		Indicative (FZ2)

Groundwater Levels Risk Mapping (JBA)

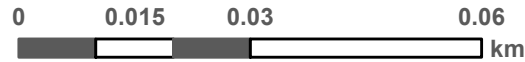
Distance below surface (m)

	No risk
> 5m symbol"/>	> 5m
	0.50-5.0
	0.025 - 0.50
	<0.025m

Susceptibility to Groundwater Flooding (EA)

Level of risk

	< 25%
	>= 25% <50%
	>= 50% <75%
	>= 75%



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LEGEND

Authority Information

	Level 2 SFRA Sites
	South Worcestershire Boundary
	Watercourses
	Main Rivers
	Ordinary Watercourses
	Defences
	embankment
	wall

Flood Warning and Flood Alert Areas

	Flood Warning
	Flood Alert Areas

Reservoirs

	Reservoirs
--	------------

Other

	Historic Landfill Sites
	Historic Flood Map

Risk of Flooding from Rivers and Sea

Probability

	Very Low
	Low
	Medium
	High

Surface Water Extent

	RoFSW 3.3%
	RoFSW 1%
	RoFSW 0.1%

Surface Water Velocity (m/s)

	1000-year
	100-year
	30-year
	Less than 0.25 m/s
	0.25 - 0.50 m/s
	0.50 - 1.00 m/s
	1.00 - 2.00 m/s
	Over 2.00 m/s

Surface Water Hazard

	1000-year
	100-year
	30-year
	0.50 - 0.75 (Very low hazard)
	0.75 - 1.25 (Danger for some)
	1.25 - 2.00 (Danger for most)
	>2.00 (Danger for all)

Surface Water Depth (mm)

	1000-year
	100-year
	30-year
	Below 150mm
	150 - 300mm
	300 - 600mm
	600 - 900mm
	900 - 1200mm
	Over 1200mm

Site ID: CFS0367

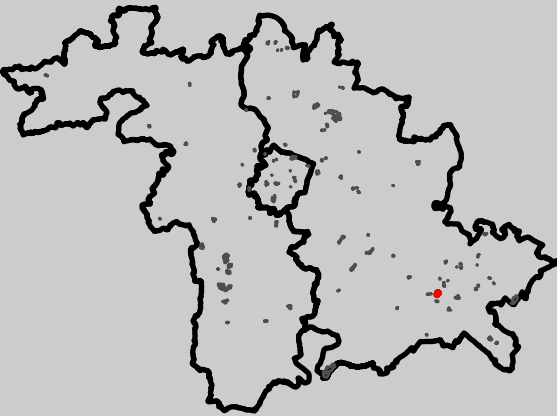
District: Wychavon District Council Area: 8.071 ha

Flood Zone Coverage (%)	FZ3b : 23.42	FZ3a: 27.88	FZ2: 36.93	FZ1: 63.07
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Proposed Development Details:
Residential

APPENDIX A LEVEL 2 GEOPDF
MAPPING

SOUTH WORCESTERSHIRE LEVEL 2
STRATEGIC FLOOD RISK ASSESSMENT



Please refer to Main Report and Site Summary Table for further information on the datasets

LEGEND

Flood Zones

- | | |
|--|-----------------|
| | Flood Zone 3b |
| | Indicative FZ3b |
| | Flood Zone 3a |
| | Flood Zone 2 |

Climate Change
(Fluvial flood risk)

- | | |
|--|------------------|
| | Central |
| | Higher Central |
| | Upper End |
| | Indicative (FZ2) |

Groundwater Levels Risk
Mapping (JBA)

- Distance below surface (m)**
- | | |
|--|--------------|
| | No risk |
| | > 5m |
| | 0.50-5.0 |
| | 0.025 - 0.50 |
| | <0.025m |

Susceptibility to
Groundwater Flooding (EA)

- Level of risk**
- | | |
|--|-------------|
| | < 25% |
| | >= 25% <50% |
| | >= 50% <75% |
| | >= 75% |

Surface Water Depth (mm)

- | | |
|--|--------------|
| | 1000-year |
| | 100-year |
| | 30-year |
| | Below 150mm |
| | 150 - 300mm |
| | 300 - 600mm |
| | 600 - 900mm |
| | 900 - 1200mm |
| | Over 1200mm |

LEGEND

Authority Information

- | | |
|--|-------------------------------|
| | Level 2 SFRA Sites |
| | South Worcestershire Boundary |
| | Watercourses |

- | | |
|--|-----------------------|
| | Main Rivers |
| | Ordinary Watercourses |

Defences

- | | |
|--|------------|
| | embankment |
| | wall |

Flood Warning and
Flood Alert Areas

- | | |
|--|-------------------|
| | Flood Warning |
| | Flood Alert Areas |

Reservoirs

- | | |
|--|------------|
| | Reservoirs |
|--|------------|

Other

- | | |
|--|-------------------------|
| | Historic Landfill Sites |
| | Historic Flood Map |

Risk of Flooding from Rivers
and Sea

- Probability**
- | | |
|--|----------|
| | Very Low |
| | Low |
| | Medium |
| | High |

Surface Water Extent

- | | |
|--|------------|
| | RoFSW 3.3% |
| | RoFSW 1% |
| | RoFSW 0.1% |

Surface Water Velocity (m/s)

- | | |
|--|--------------------|
| | 1000-year |
| | 100-year |
| | 30-year |
| | Less than 0.25 m/s |
| | 0.25 - 0.50 m/s |
| | 0.50 - 1.00 m/s |
| | 1.00 - 2.00 m/s |
| | Over 2.00 m/s |

Surface Water Hazard

- | | |
|--|-------------------------------|
| | 1000-year |
| | 100-year |
| | 30-year |
| | 0.50 - 0.75 (Very low hazard) |
| | 0.75 - 1.25 (Danger for some) |
| | 1.25 - 2.00 (Danger for most) |
| | >2.00 (Danger for all) |

0 0.0475 0.095 0.19 km

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Site ID: CFS0371

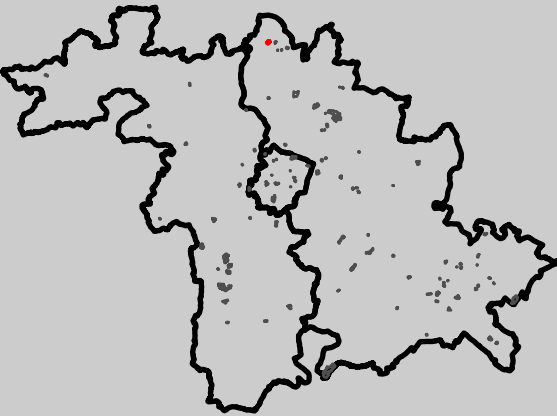
District: Wychavon District Council Area: 0.3067ha

Flood Zone Coverage (%)	FZ3b : 0	FZ3a: 0	FZ2: 0	FZ1: 100
--------------------------------	-----------------	----------------	---------------	-----------------

Proposed Development Details:
Residential

APPENDIX A LEVEL 2 GEOPDF
MAPPING

SOUTH WORCESTERSHIRE LEVEL 2
STRATEGIC FLOOD RISK ASSESSMENT



Please refer to Main Report and Site Summary Table for further information on the datasets

LEGEND

Flood Zones

- | | | |
|--|--|-----------------|
| | | Flood Zone 3b |
| | | Indicative FZ3b |
| | | Flood Zone 3a |
| | | Flood Zone 2 |

Climate Change
(Fluvial flood risk)

- | | | |
|--|--|------------------|
| | | Central |
| | | Higher Central |
| | | Upper End |
| | | Indicative (FZ2) |

Groundwater Levels Risk
Mapping (JBA)

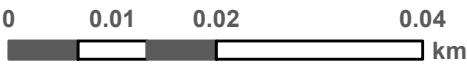
- Distance below surface (m)
- | | |
|--|--------------|
| | No risk |
| | > 5m |
| | 0.50-5.0 |
| | 0.025 - 0.50 |
| | <0.025m |

Susceptibility to
Groundwater Flooding (EA)

- Level of risk
- | | |
|--|-------------|
| | < 25% |
| | >= 25% <50% |
| | >= 50% <75% |
| | >= 75% |

Surface Water Depth (mm)

- 1000-year
- 100-year
- 30-year
- | | |
|--|--------------|
| | Below 150mm |
| | 150 - 300mm |
| | 300 - 600mm |
| | 600 - 900mm |
| | 900 - 1200mm |
| | Over 1200mm |



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LEGEND

Authority Information

- Level 2 SFRA Sites
- South Worcestershire Boundary
- Watercourses

- Main Rivers
- Ordinary Watercourses

Defences

- embankment
- wall

Flood Warning and
Flood Alert Areas

- Flood Warning
- Flood Alert Areas

Reservoirs

- Reservoirs

Other

- Historic Landfill Sites
- Historic Flood Map

Risk of Flooding from Rivers
and Sea

- Probability
- | | |
|--|----------|
| | Very Low |
| | Low |
| | Medium |
| | High |

Surface Water Extent

- RoFSW 3.3%
- RoFSW 1%
- RoFSW 0.1%

Surface Water Velocity (m/s)

- 1000-year
- 100-year
- 30-year
- | | |
|--|--------------------|
| | Less than 0.25 m/s |
| | 0.25 - 0.50 m/s |
| | 0.50 - 1.00 m/s |
| | 1.00 - 2.00 m/s |
| | Over 2.00 m/s |

Surface Water Hazard

- 1000-year
- 100-year
- 30-year
- | | |
|--|-------------------------------|
| | 0.50 - 0.75 (Very low hazard) |
| | 0.75 - 1.25 (Danger for some) |
| | 1.25 - 2.00 (Danger for most) |
| | >2.00 (Danger for all) |

Site ID: CFS0400sc

District: Wychavon District Council Area: 9.546 ha

Flood Zone Coverage (%)

FZ3b :

0

FZ3a:

0

FZ2:

0

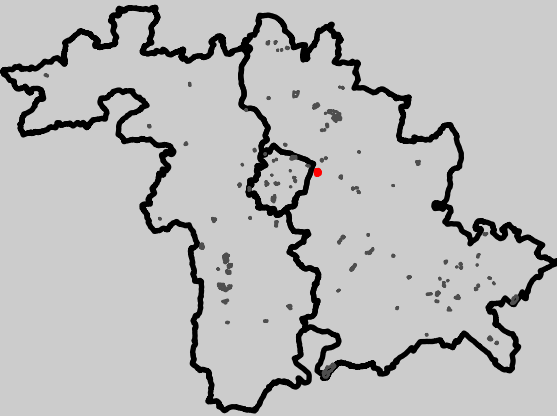
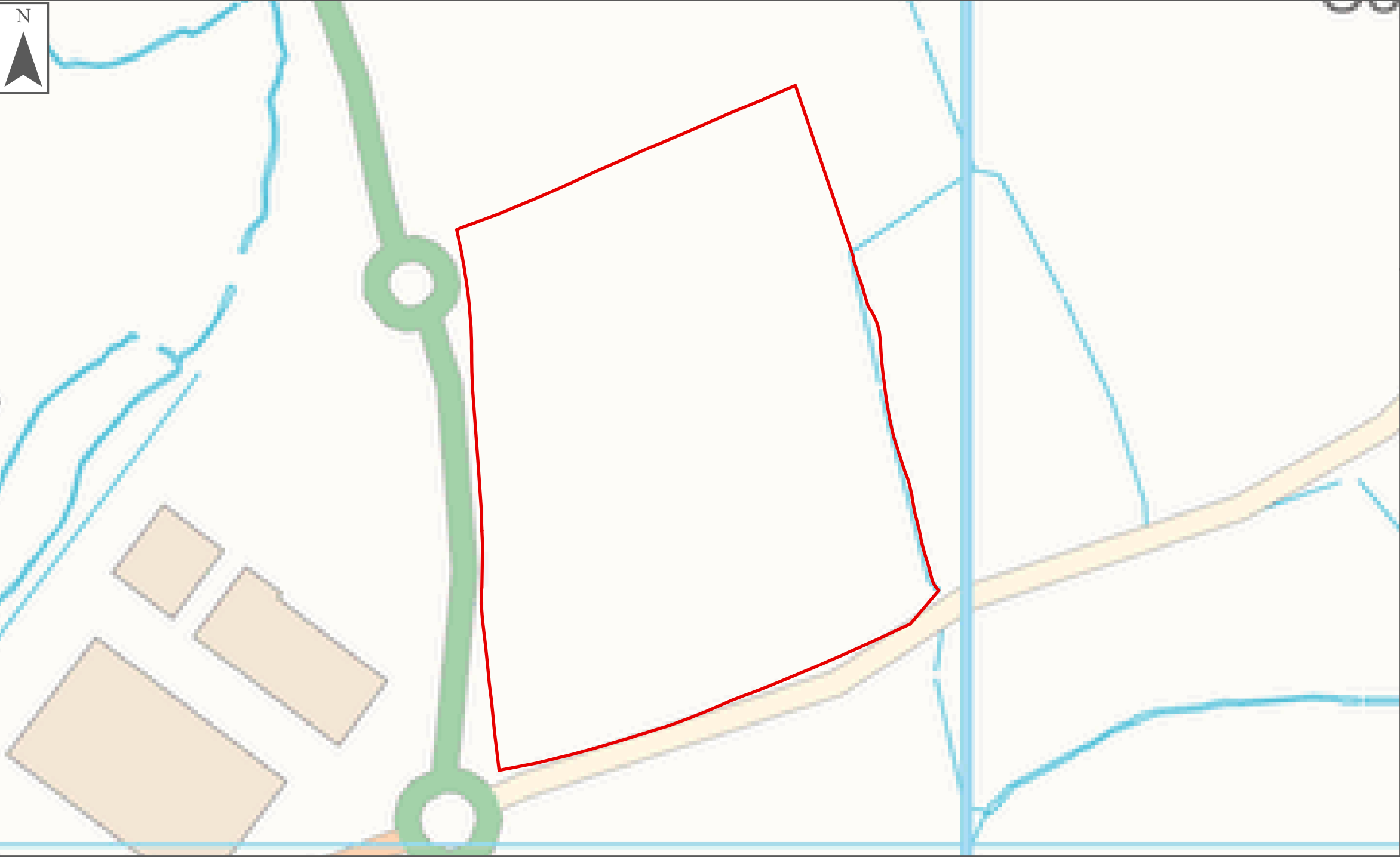
FZ1:

100

Proposed Development Details:
Employment

APPENDIX A LEVEL 2 GEOPDF
MAPPING

SOUTH WORCESTERSHIRE LEVEL 2
STRATEGIC FLOOD RISK ASSESSMENT



Please refer to Main Report and Site Summary Table for further information on the datasets

LEGEND

Flood Zones

- Flood Zone 3b
- Indicative FZ3b
- Flood Zone 3a
- Flood Zone 2

Climate Change
(Fluvial flood risk)

- Central
- Higher Central
- Upper End
- Indicative (FZ2)

Groundwater Levels Risk
Mapping (JBA)

- Distance below surface (m)
- No risk
 - > 5m
 - 0.50-5.0
 - 0.025 - 0.50
 - <0.025m

Susceptibility to
Groundwater Flooding (EA)

- Level of risk
- < 25%
 - >= 25% <50%
 - >= 50% <75%
 - >= 75%

Surface Water Depth (mm)

- 1000-year
- 100-year
- 30-year
- Below 150mm
- 150 - 300mm
- 300 - 600mm
- 600 - 900mm
- 900 - 1200mm
- Over 1200mm

LEGEND

Authority Information

- Level 2 SFRA Sites
- South Worcestershire Boundary

- Watercourses
- Main Rivers
 - Ordinary Watercourses

Defences

- embankment
- wall

Flood Warning and
Flood Alert Areas

- Flood Warning
- Flood Alert Areas

Reservoirs

- Reservoirs

Other

- Historic Landfill Sites
- Historic Flood Map

Risk of Flooding from Rivers
and Sea

- Probability
- Very Low
 - Low
 - Medium
 - High

Surface Water Extent

- RoFSW 3.3%
- RoFSW 1%
- RoFSW 0.1%

Surface Water Velocity (m/s)

- 1000-year
- 100-year
- 30-year
- Less than 0.25 m/s
- 0.25 - 0.50 m/s
- 0.50 - 1.00 m/s
- 1.00 - 2.00 m/s
- Over 2.00 m/s

Surface Water Hazard

- 1000-year
- 100-year
- 30-year
- 0.50 - 0.75 (Very low hazard)
- 0.75 - 1.25 (Danger for some)
- 1.25 - 2.00 (Danger for most)
- >2.00 (Danger for all)

0 0.05 0.1 0.2 km

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Site ID: CFS0407sc

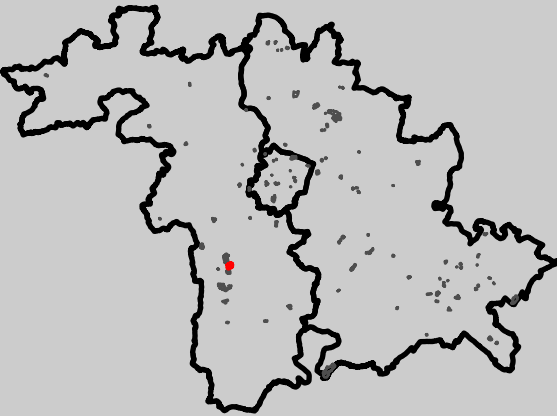
District: Malvern Hills District Council Area: 9.954 ha

Flood Zone Coverage (%)	FZ3b :	0	FZ3a:	0	FZ2:	0	FZ1:	100
--------------------------------	---------------	---	--------------	---	-------------	---	-------------	-----

Proposed Development Details:
Residential

APPENDIX A LEVEL 2 GEOPDF
MAPPING

SOUTH WORCESTERSHIRE LEVEL 2
STRATEGIC FLOOD RISK ASSESSMENT



Please refer to Main Report and Site Summary Table for further information on the datasets

LEGEND

Flood Zones

- | | |
|--|-----------------|
| | Flood Zone 3b |
| | Indicative FZ3b |
| | Flood Zone 3a |
| | Flood Zone 2 |

Climate Change
(Fluvial flood risk)

- | | |
|--|------------------|
| | Central |
| | Higher Central |
| | Upper End |
| | Indicative (FZ2) |

Groundwater Levels Risk
Mapping (JBA)

- Distance below surface (m)
- | | |
|--|--------------|
| | No risk |
| | > 5m |
| | 0.50-5.0 |
| | 0.025 - 0.50 |
| | <0.025m |

Susceptibility to
Groundwater Flooding (EA)

- Level of risk
- | | |
|--|-------------|
| | < 25% |
| | >= 25% <50% |
| | >= 50% <75% |
| | >= 75% |

Surface Water Depth (mm)

- | | |
|--|--------------|
| | 1000-year |
| | 100-year |
| | 30-year |
| | Below 150mm |
| | 150 - 300mm |
| | 300 - 600mm |
| | 600 - 900mm |
| | 900 - 1200mm |
| | Over 1200mm |

LEGEND

Authority Information

- | | |
|--|-------------------------------|
| | Level 2 SFRA Sites |
| | South Worcestershire Boundary |
| | Watercourses |

- | | |
|--|-----------------------|
| | Main Rivers |
| | Ordinary Watercourses |

Defences

- | | |
|--|------------|
| | embankment |
| | wall |

Flood Warning and
Flood Alert Areas

- | | |
|--|-------------------|
| | Flood Warning |
| | Flood Alert Areas |

Reservoirs

- | | |
|--|------------|
| | Reservoirs |
|--|------------|

Other

- | | |
|--|-------------------------|
| | Historic Landfill Sites |
| | Historic Flood Map |

Risk of Flooding from Rivers
and Sea

- Probability
- | | |
|--|----------|
| | Very Low |
| | Low |
| | Medium |
| | High |

Surface Water Extent

- | | |
|--|------------|
| | RoFSW 3.3% |
| | RoFSW 1% |
| | RoFSW 0.1% |

Surface Water Velocity (m/s)

- | | |
|--|--------------------|
| | 1000-year |
| | 100-year |
| | 30-year |
| | Less than 0.25 m/s |
| | 0.25 - 0.50 m/s |
| | 0.50 - 1.00 m/s |
| | 1.00 - 2.00 m/s |
| | Over 2.00 m/s |

Surface Water Hazard

- | | |
|--|-------------------------------|
| | 1000-year |
| | 100-year |
| | 30-year |
| | 0.50 - 0.75 (Very low hazard) |
| | 0.75 - 1.25 (Danger for some) |
| | 1.25 - 2.00 (Danger for most) |
| | >2.00 (Danger for all) |

0 0.045 0.09 0.18
km

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Site ID: CFS0483a + CFS0483b

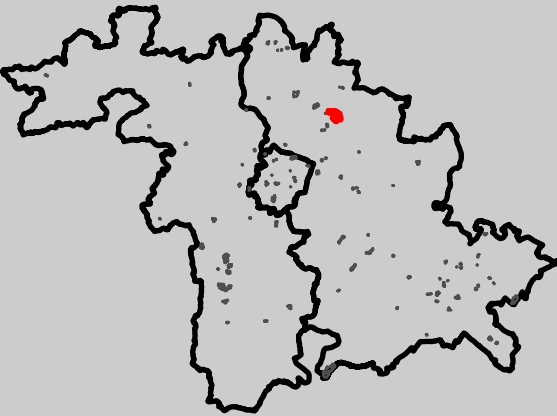
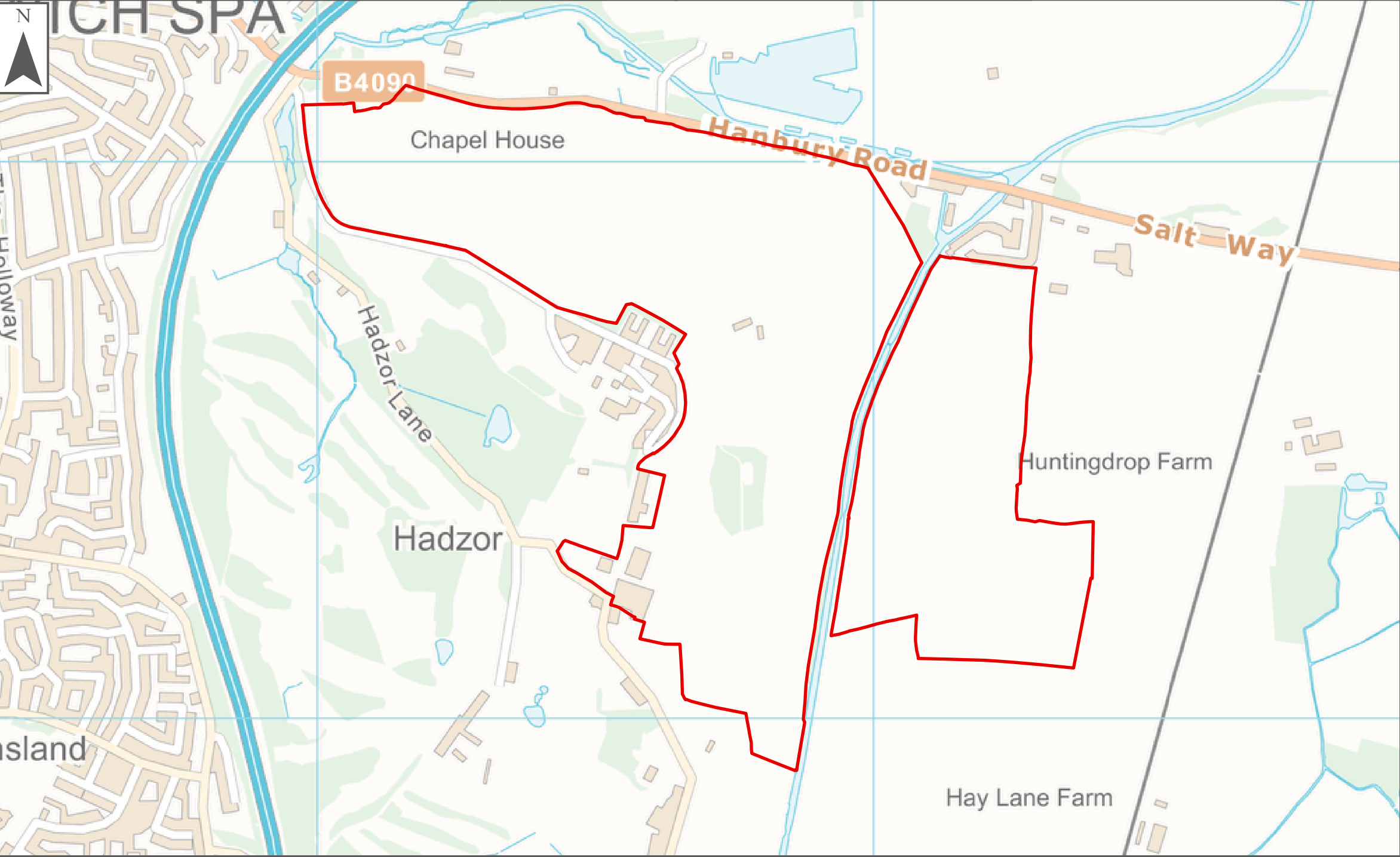
District: Wychavon District Council Area: 78.139ha

Flood Zone Coverage (%)	FZ3b : 0	FZ3a: 0	FZ2: 0	FZ1: 100
--------------------------------	-----------------	----------------	---------------	-----------------

Proposed Development Details:
Residential

APPENDIX A LEVEL 2 GEOPDF
MAPPING

SOUTH WORCESTERSHIRE LEVEL 2
STRATEGIC FLOOD RISK ASSESSMENT



Please refer to Main Report and Site Summary Table for further information on the datasets

LEGEND

Flood Zones

- | | |
|--|-----------------|
| | Flood Zone 3b |
| | Indicative FZ3b |
| | Flood Zone 3a |
| | Flood Zone 2 |

Climate Change
(Fluvial flood risk)

- | | |
|--|------------------|
| | Central |
| | Higher Central |
| | Upper End |
| | Indicative (FZ2) |

Groundwater Levels Risk
Mapping (JBA)

- Distance below surface (m)
- | | |
|----------------|--------------|
| | No risk |
| > 5m symbol"/> | > 5m |
| | 0.50-5.0 |
| | 0.025 - 0.50 |
| | <0.025m |

Susceptibility to
Groundwater Flooding (EA)

- Level of risk
- | | |
|--|-------------|
| | < 25% |
| | >= 25% <50% |
| | >= 50% <75% |
| | >= 75% |

Surface Water Depth (mm)

- | | |
|--|--------------|
| | 1000-year |
| | 100-year |
| | 30-year |
| | Below 150mm |
| | 150 - 300mm |
| | 300 - 600mm |
| | 600 - 900mm |
| | 900 - 1200mm |
| | Over 1200mm |



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LEGEND

Authority Information

- | | |
|--|-------------------------------|
| | Level 2 SFRA Sites |
| | South Worcestershire Boundary |
| | Watercourses |

- | | |
|--|-----------------------|
| | Main Rivers |
| | Ordinary Watercourses |

Defences

- | | |
|--|------------|
| | embankment |
| | wall |

Flood Warning and
Flood Alert Areas

- | | |
|--|-------------------|
| | Flood Warning |
| | Flood Alert Areas |

Reservoirs

- | | |
|--|------------|
| | Reservoirs |
|--|------------|

Other

- | | |
|--|-------------------------|
| | Historic Landfill Sites |
| | Historic Flood Map |

Risk of Flooding from Rivers
and Sea

- Probability
- | | |
|--|----------|
| | Very Low |
| | Low |
| | Medium |
| | High |

Surface Water Extent

- | | |
|--|------------|
| | RoFSW 3.3% |
| | RoFSW 1% |
| | RoFSW 0.1% |

Surface Water Velocity (m/s)

- | | |
|--|--------------------|
| | 1000-year |
| | 100-year |
| | 30-year |
| | Less than 0.25 m/s |
| | 0.25 - 0.50 m/s |
| | 0.50 - 1.00 m/s |
| | 1.00 - 2.00 m/s |
| | Over 2.00 m/s |

Surface Water Hazard

- | | |
|--|-------------------------------|
| | 1000-year |
| | 100-year |
| | 30-year |
| | 0.50 - 0.75 (Very low hazard) |
| | 0.75 - 1.25 (Danger for some) |
| | 1.25 - 2.00 (Danger for most) |
| | >2.00 (Danger for all) |

Site ID: CFS0498

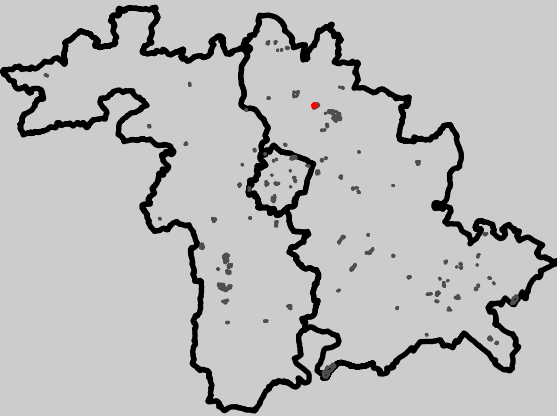
District: Wychavon District Council Area: 1.545 ha

Flood Zone Coverage (%)	FZ3b : 3.25	FZ3a: 18.83	FZ2: 61.69	FZ1: 38.31
--------------------------------	--------------------	--------------------	-------------------	-------------------

Proposed Development Details:
Employment

APPENDIX A LEVEL 2 GEOPDF
MAPPING

SOUTH WORCESTERSHIRE LEVEL 2
STRATEGIC FLOOD RISK ASSESSMENT



Please refer to Main Report and Site Summary Table for further information on the datasets

LEGEND

Flood Zones

- | | | |
|--|--|-----------------|
| | | Flood Zone 3b |
| | | Indicative FZ3b |
| | | Flood Zone 3a |
| | | Flood Zone 2 |

Climate Change
(Fluvial flood risk)

- | | | |
|--|--|------------------|
| | | Central |
| | | Higher Central |
| | | Upper End |
| | | Indicative (FZ2) |

Groundwater Levels Risk
Mapping (JBA)

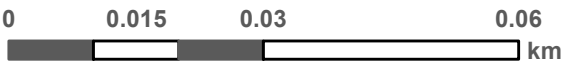
- Distance below surface (m)
- | | |
|--|--------------|
| | No risk |
| | > 5m |
| | 0.50-5.0 |
| | 0.025 - 0.50 |
| | <0.025m |

Susceptibility to
Groundwater Flooding (EA)

- Level of risk
- | | |
|--|-------------|
| | < 25% |
| | >= 25% <50% |
| | >= 50% <75% |
| | >= 75% |

Surface Water Depth (mm)

- | | |
|--|--------------|
| | 1000-year |
| | 100-year |
| | 30-year |
| | Below 150mm |
| | 150 - 300mm |
| | 300 - 600mm |
| | 600 - 900mm |
| | 900 - 1200mm |
| | Over 1200mm |



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LEGEND

Authority Information

- | | |
|--|-------------------------------|
| | Level 2 SFRA Sites |
| | South Worcestershire Boundary |
| | Main Rivers |
| | Ordinary Watercourses |

- | | |
|--|-----------------------|
| | Main Rivers |
| | Ordinary Watercourses |

Defences

- | | |
|--|------------|
| | embankment |
| | wall |

Flood Warning and
Flood Alert Areas

- | | | |
|--|--|-------------------|
| | | Flood Warning |
| | | Flood Alert Areas |

Reservoirs

- | | | |
|--|--|------------|
| | | Reservoirs |
|--|--|------------|

Other

- | | | |
|--|--|-------------------------|
| | | Historic Landfill Sites |
| | | Historic Flood Map |

Risk of Flooding from Rivers
and Sea

- Probability
- | | |
|--|----------|
| | Very Low |
| | Low |
| | Medium |
| | High |

Surface Water Extent

- | | | |
|--|--|------------|
| | | RoFSW 3.3% |
| | | RoFSW 1% |
| | | RoFSW 0.1% |

Surface Water Velocity (m/s)

- | | |
|--|--------------------|
| | 1000-year |
| | 100-year |
| | 30-year |
| | Less than 0.25 m/s |
| | 0.25 - 0.50 m/s |
| | 0.50 - 1.00 m/s |
| | 1.00 - 2.00 m/s |
| | Over 2.00 m/s |

Surface Water Hazard

- | | |
|--|-------------------------------|
| | 1000-year |
| | 100-year |
| | 30-year |
| | 0.50 - 0.75 (Very low hazard) |
| | 0.75 - 1.25 (Danger for some) |
| | 1.25 - 2.00 (Danger for most) |
| | >2.00 (Danger for all) |

Site ID: CFS0560

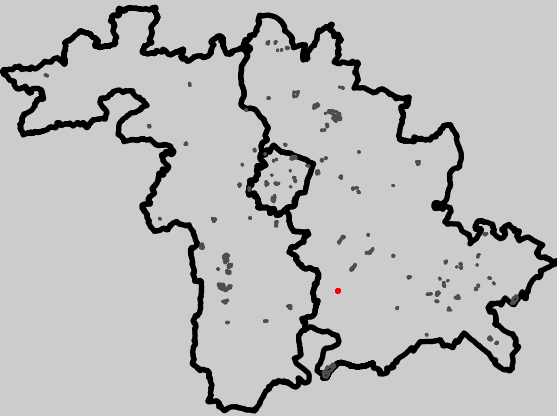
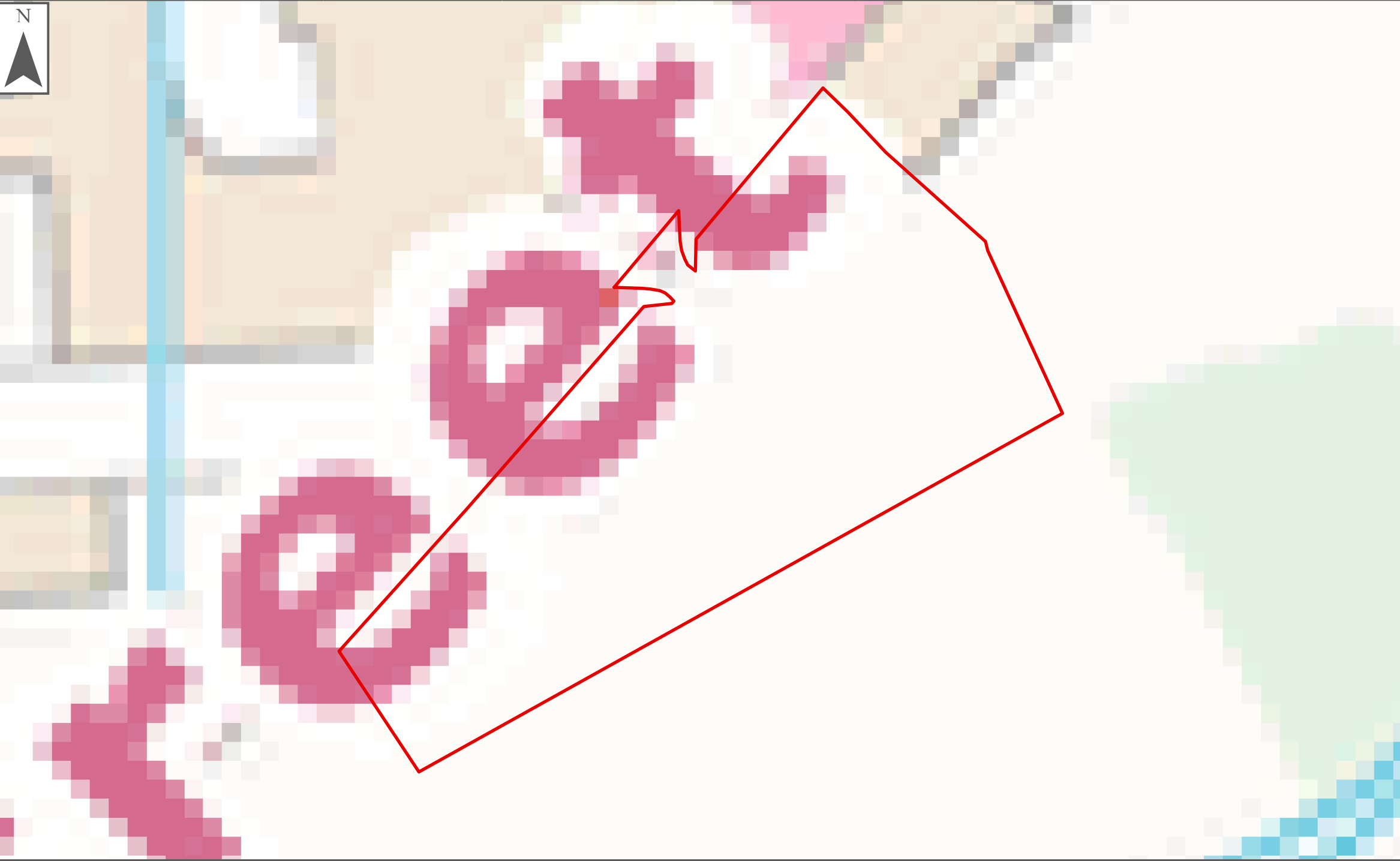
District: Wychavon District Council Area: 0.361 ha

Flood Zone Coverage (%)	FZ3b : 0	FZ3a: 0	FZ2: 2.78	FZ1: 97.22
--------------------------------	-----------------	----------------	------------------	-------------------

Proposed Development Details:
Residential

APPENDIX A LEVEL 2 GEOPDF
MAPPING

SOUTH WORCESTERSHIRE LEVEL 2
STRATEGIC FLOOD RISK ASSESSMENT



Please refer to Main Report and Site Summary Table for further information on the datasets

LEGEND

Flood Zones

	Flood Zone 3b
	Indicative FZ3b
	Flood Zone 3a
	Flood Zone 2

Climate Change (Fluvial flood risk)

	Central
	Higher Central
	Upper End
	Indicative (FZ2)

Groundwater Levels Risk Mapping (JBA)

Distance below surface (m)

	No risk
> 5m symbol"/>	> 5m
	0.50-5.0
	0.025 - 0.50
	<0.025m

Susceptibility to Groundwater Flooding (EA)

Level of risk

	< 25%
	>= 25% <50%
	>= 50% <75%
	>= 75%



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LEGEND

Authority Information

	Level 2 SFRA Sites
	South Worcestershire Boundary

Watercourses

	Main Rivers
	Ordinary Watercourses

Defences

	embankment
	wall

Flood Warning and Flood Alert Areas

	Flood Warning
	Flood Alert Areas

Reservoirs

	Reservoirs
--	------------

Other

	Historic Landfill Sites
	Historic Flood Map

Risk of Flooding from Rivers and Sea

Probability

	Very Low
	Low
	Medium
	High

Surface Water Extent

	RoFSW 3.3%
	RoFSW 1%
	RoFSW 0.1%

Surface Water Velocity (m/s)

	1000-year
	100-year
	30-year
	Less than 0.25 m/s
	0.25 - 0.50 m/s
	0.50 - 1.00 m/s
	1.00 - 2.00 m/s
	Over 2.00 m/s

Surface Water Hazard

	1000-year
	100-year
	30-year
	0.50 - 0.75 (Very low hazard)
	0.75 - 1.25 (Danger for some)
	1.25 - 2.00 (Danger for most)
	>2.00 (Danger for all)

Surface Water Depth (mm)

	1000-year
	100-year
	30-year
	Below 150mm
	150 - 300mm
	300 - 600mm
	600 - 900mm
	900 - 1200mm
	Over 1200mm

Site ID: CFS0652

District: Malvern Hills District Council Area: 24.102ha

Flood Zone Coverage (%)

FZ3b : 0.41

FZ3a: 0.41

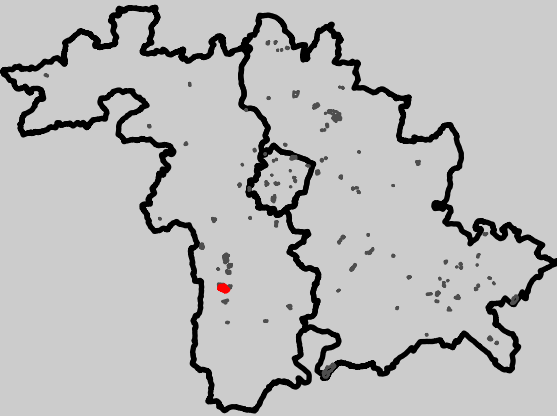
FZ2: 0.54

FZ1: 99.46

Proposed Development Details:
Employment

APPENDIX A LEVEL 2 GEOPDF
MAPPING

SOUTH WORCESTERSHIRE LEVEL 2
STRATEGIC FLOOD RISK ASSESSMENT



Please refer to Main Report and Site Summary Table for further information on the datasets

LEGEND

Flood Zones

- Flood Zone 3b
- Indicative FZ3b
- Flood Zone 3a
- Flood Zone 2

Climate Change
(Fluvial flood risk)

- Central
- Higher Central
- Upper End
- Indicative (FZ2)

Groundwater Levels Risk
Mapping (JBA)

- Distance below surface (m)
- No risk
 - > 5m
 - 0.50-5.0
 - 0.025 - 0.50
 - <0.025m

Susceptibility to
Groundwater Flooding (EA)

- Level of risk
- < 25%
 - >= 25% <50%
 - >= 50% <75%
 - >= 75%

Surface Water Depth (mm)

- 1000-year
- 100-year
- 30-year
- Below 150mm
- 150 - 300mm
- 300 - 600mm
- 600 - 900mm
- 900 - 1200mm
- Over 1200mm

LEGEND

Authority Information

- Level 2 SFRA Sites
- South Worcestershire Boundary

- Watercourses
- Main Rivers
 - Ordinary Watercourses

Defences

- embankment
- wall

Flood Warning and
Flood Alert Areas

- Flood Warning
- Flood Alert Areas

Reservoirs

- Reservoirs

Other

- Historic Landfill Sites
- Historic Flood Map

Risk of Flooding from Rivers
and Sea

- Probability
- Very Low
 - Low
 - Medium
 - High

Surface Water Extent

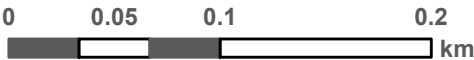
- RoFSW 3.3%
- RoFSW 1%
- RoFSW 0.1%

Surface Water Velocity (m/s)

- 1000-year
- 100-year
- 30-year
- Less than 0.25 m/s
- 0.25 - 0.50 m/s
- 0.50 - 1.00 m/s
- 1.00 - 2.00 m/s
- Over 2.00 m/s

Surface Water Hazard

- 1000-year
- 100-year
- 30-year
- 0.50 - 0.75 (Very low hazard)
- 0.75 - 1.25 (Danger for some)
- 1.25 - 2.00 (Danger for most)
- >2.00 (Danger for all)



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Site ID: CFS0587

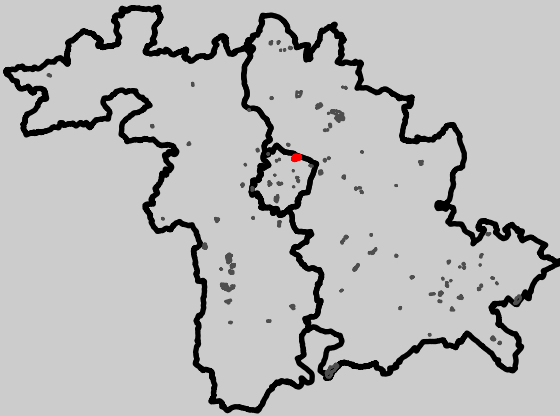
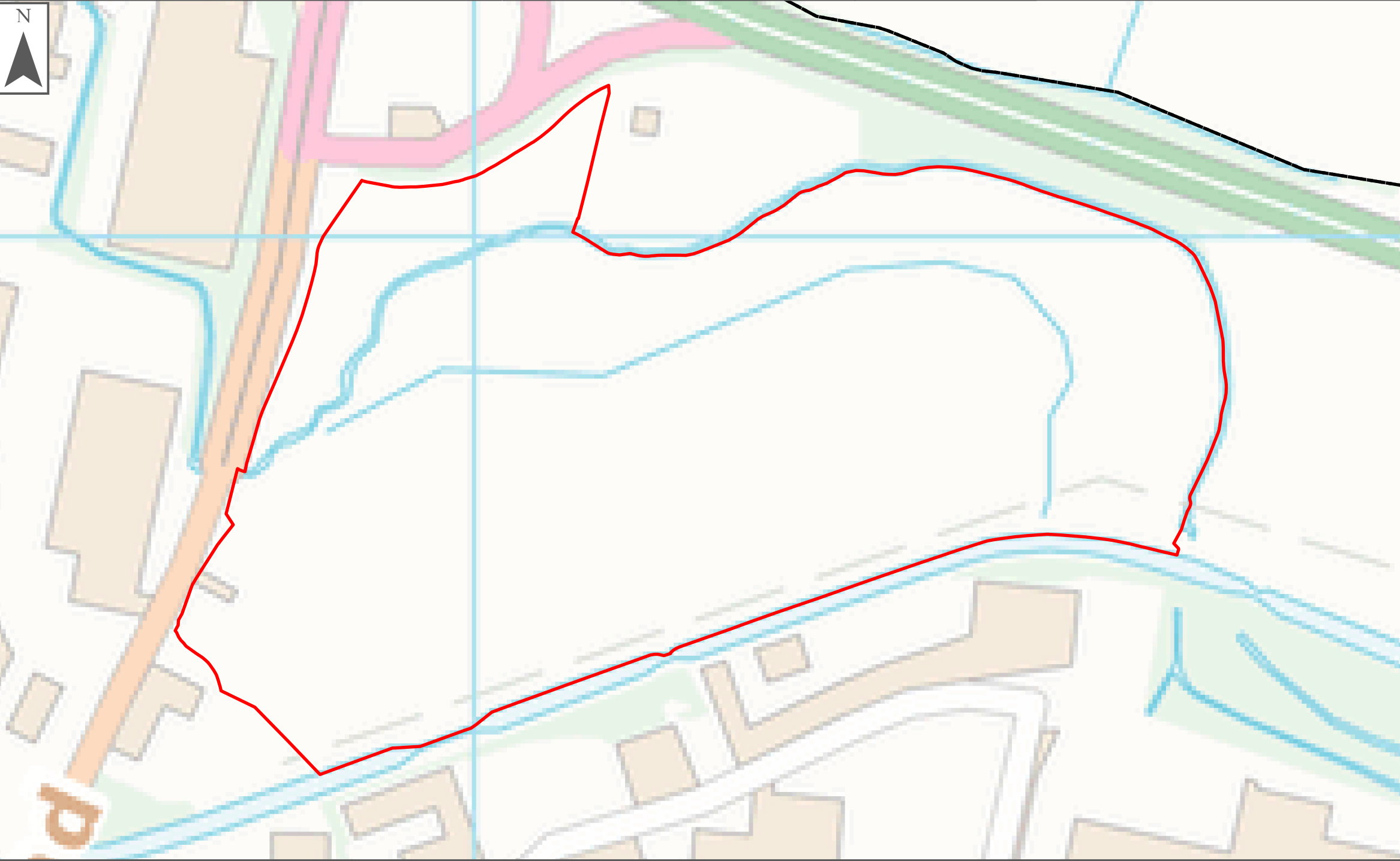
District: Wychavon District Council Area: 13.57 ha

Flood Zone Coverage (%)	FZ3b : 27.63	FZ3a: 30.95	FZ2: 32.5	FZ1: 67.5
--------------------------------	---------------------	--------------------	------------------	------------------

Proposed Development Details:
Employment

APPENDIX A LEVEL 2 GEOPDF

SOUTH WORCESTERSHIRE LEVEL 2
STRATEGIC FLOOD RISK ASSESSMENT



Please refer to Main Report and Site Summary Table for further information on the datasets

LEGEND

- | | |
|--------------------|--|
| Flood Zones | Climate Change (Fluvial flood risk) |
| Flood Zone 3b | Central |
| Indicative FZ3b | Higher Central |
| Flood Zone 3a | Upper End |
| Flood Zone 2 | Indicative (FZ2) |

- | | |
|---|---|
| Barbourne Brook 100yr Fluvial Velocity (m/s) | Barbourne Brook 100yr Fluvial Flood Depths (m) |
| 0 - 0.25 m/s | 0 - 0.70 |
| 0.25 - 0.50 m/s | 0.70 - 1.40 |
| 0.50 - 1.0 m/s | 1.40 - 2.1 |
| > 1.0 m/s | 2.1 - 2.8 |
| | 2.8 - 3.5 |

- | | |
|---|--|
| Barbourne Brook 100yr Fluvial Hazard | Susceptibility to Groundwater Flooding (EA) |
| 0.5 - 0.75 (Very low hazard) | Level of risk
< 25% |
| 0.75 - 1.25 (Danger for some) | >= 25% < 50% |
| 1.25 - 2.00 (Danger for most) | >= 50% < 75% |
| > 2.00 (Danger for all) | >= 75% |

- | | |
|-------------------------------|--|
| Surface Water Hazard | Groundwater Levels Risk Mapping (JBA) |
| 1000-year | Distance below surface (m)
No risk |
| 100-year | > 5m |
| 30-year | 0.50-5.0 |
| 0.50 - 0.75 (Very low hazard) | 0.025 - 0.50 |
| 0.75 - 1.25 (Danger for some) | < 0.025m |
| 1.25 - 2.00 (Danger for most) | |
| > 2.00 (Danger for all) | |

0 0.0425 0.085 0.17 km

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LEGEND

- | | | |
|-------------------------------|--|---|
| Authority Information | Flood Warning and Flood Alert Areas | Risk of Flooding from Rivers and Sea |
| South Worcestershire Boundary | Flood Warning | Probability
Very Low |
| Level 2 SFRA Sites | Flood Alert Areas | Low |
| Watercourses | Reservoirs | Medium |
| Main Rivers | Reservoirs | High |
| Ordinary Watercourses | Other | Surface Water Extent |
| embankment | Historic Landfill Sites | RoFSW 3.3% |
| wall | Historic Flood Map | RoFSW 1% |
| | | RoFSW 0.1% |

- | | |
|-------------------------------------|---------------------------------|
| Surface Water Velocity (m/s) | Surface Water Depth (mm) |
| 1000-year | 1000-year |
| 100-year | 100-year |
| 30-year | 30-year |
| Less than 0.25 m/s | Below 150mm |
| 0.25 - 0.50 m/s | 150 - 300mm |
| 0.50 - 1.00 m/s | 300 - 600mm |
| 1.00 - 2.00 m/s | 600 - 900mm |
| Over 2.00 m/s | 900 - 1200mm |
| | Over 1200mm |

Site ID: CFS0028

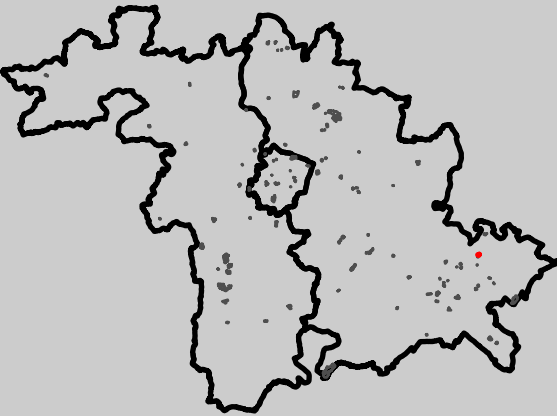
District: Wychavon District Council Area: 0.71 ha

Flood Zone Coverage (%)	FZ3b : 0	FZ3a: 0	FZ2: 0	FZ1: 100
--------------------------------	-----------------	----------------	---------------	-----------------

Proposed Development Details:
Residential

APPENDIX A LEVEL 2 GEOPDF
MAPPING

SOUTH WORCESTERSHIRE LEVEL 2
STRATEGIC FLOOD RISK ASSESSMENT



Please refer to Main Report and Site Summary Table for further information on the datasets

LEGEND

Flood Zones

- | | |
|--|-----------------|
| | Flood Zone 3b |
| | Indicative FZ3b |
| | Flood Zone 3a |
| | Flood Zone 2 |

Climate Change
(Fluvial flood risk)

- | | |
|--|------------------|
| | Central |
| | Higher Central |
| | Upper End |
| | Indicative (FZ2) |

Groundwater Levels Risk
Mapping (JBA)

- Distance below surface (m)**
- | | |
|--|--------------|
| | No risk |
| | > 5m |
| | 0.50-5.0 |
| | 0.025 - 0.50 |
| | <0.025m |

Susceptibility to
Groundwater Flooding (EA)

- Level of risk**
- | | |
|--|-------------|
| | < 25% |
| | >= 25% <50% |
| | >= 50% <75% |
| | >= 75% |

Surface Water Depth (mm)

- | | |
|--|--------------|
| | 1000-year |
| | 100-year |
| | 30-year |
| | Below 150mm |
| | 150 - 300mm |
| | 300 - 600mm |
| | 600 - 900mm |
| | 900 - 1200mm |
| | Over 1200mm |

Surface Water Velocity (m/s)

- | | |
|--|--------------------|
| | 1000-year |
| | 100-year |
| | 30-year |
| | Less than 0.25 m/s |
| | 0.25 - 0.50 m/s |
| | 0.50 - 1.00 m/s |
| | 1.00 - 2.00 m/s |
| | Over 2.00 m/s |

Surface Water Hazard

- | | |
|--|-------------------------------|
| | 1000-year |
| | 100-year |
| | 30-year |
| | 0.50 - 0.75 (Very low hazard) |
| | 0.75 - 1.25 (Danger for some) |
| | 1.25 - 2.00 (Danger for most) |
| | >2.00 (Danger for all) |

Risk of Flooding from Rivers
and Sea

- Probability**
- | | |
|--|----------|
| | Very Low |
| | Low |
| | Medium |
| | High |

Surface Water Extent

- | | |
|--|------------|
| | RoFSW 3.3% |
| | RoFSW 1% |
| | RoFSW 0.1% |

Flood Warning and
Flood Alert Areas

- | | |
|--|-------------------|
| | Flood Warning |
| | Flood Alert Areas |
| | Reservoirs |

Other

- | | |
|--|-------------------------|
| | Historic Landfill Sites |
| | Historic Flood Map |

LEGEND

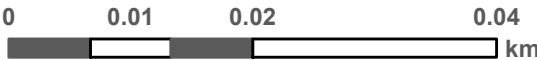
Authority Information

- | | |
|--|-------------------------------|
| | Level 2 SFRA Sites |
| | South Worcestershire Boundary |

- | | |
|--|-----------------------|
| | Main Rivers |
| | Ordinary Watercourses |

Defences

- | | |
|--|------------|
| | embankment |
| | wall |



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