

Update on the Bassetlaw Strategic Flood Risk Assessment, November 2020

1 Level 1 Strategic Flood Risk Assessment

In 2018, JBA Consulting prepared a Level 1 Strategic Flood Risk Assessment (SFRA) to inform the emerging Bassetlaw Local Plan. The Level 1 SFRA brought together the latest information on all sources of flooding from a range of stakeholders including the District Council, County Council, Environment Agency, Severn Trent Water, Internal Drainage Boards and the Canal and River Trust. The report can be accessed on the District Council website [here](#).

2 Level 2 Strategic Flood Risk Assessment

Since 2018, new information on flooding and flood risk has become available and the District was affected by severe flooding in November 2019. The flooding particularly affected Worksop, Retford, Shireoaks and Rhodesia. The County Council flood investigations for these locations are available [here](#).

New river models are now available for the River Idle at Retford (Environment Agency) and Retford Beck (Bassetlaw District Council). The Environment Agency are currently updating the model of the River Ryton in Worksop which should be available in early 2021.

JBA Consulting are currently preparing a Level 2 SFRA for the relevant sites identified in Table 2-1. The Level 2 SFRA assessment of sites will assess variations in flood risk across the proposed site allocations, identifying site-specific Flood Risk Assessment requirements and helping guide local policies to ensure sustainable development as well as seeking opportunities through new development to reduce flood risk to existing communities. The Level 2 SFRA will also include a broadscale assessment of suitable Sustainable Drainage Systems (SuDS) options, providing an indication of where there may be constraints to certain sets of SuDS techniques. Sites have been identified as requiring Level 2 SFRA where they are located in the Environment Agency's Flood Zones, adjacent to an Ordinary Watercourse and/ or have significant surface water flood risk.

The Level 2 SFRA will provide further information to Bassetlaw District Council about the nature of the flood risk to each site and the degree of mitigation and drainage work that would be needed to ensure that the development was safe to occupy and would not increase flood risk elsewhere. Where residential sites are proposed in Flood Zone 3 it will provide the evidence needed to inform the Exception Test. It will enable the District Council to make a decision regarding which sites, or parts of sites are at the greatest risk of flooding and what, if any, mitigation is required to support their development. This will then inform the emerging planning policy for the site or area and the Council's Infrastructure Delivery Plan. The Level 2 Assessments will be available in early 2021.

2.1 Detailed Site Summary Tables

As part of the Level 2 SFRA, detailed site assessments will be produced for the proposed site allocations in Table 2-1.

Table 2-1: List of Detailed Summary Tables

Name	Settlement	Flood Zone 3b	Flood Zone 3a	Flood Zone 2	Surface Water 30-year	Surface Water 100-year	Surface Water 1000-year	Watercourse within 100m Y/N	Level 2 Assessment Y/N
Former Elizabethan School, W Furlong	Retford	0.0%	0.0%	0.0%	0.0%	1.6%	30.8%	N	Y
Trinity Farm	Retford	0.0%	10.1%	10.5%	1.0%	2.7%	8.0%	Y	Y
Station Road	Retford	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	Y	Y
St. Michael's View, Hallcroft Road	Retford	0.0%	0.0%	0.0%	0.0%	0.0%	12.2%	N	Y
Milnercroft	Retford	0.0%	0.0%	0.0%	6.5%	13.6%	54.0%	Y	Y
Fairy Grove, Grove Road	Retford	0.0%	0.0%	0.0%	0.0%	1.0%	5.9%	N	N
Ordsall (South)	Retford	0.0%	2.5%	2.9%	1.4%	3.2%	14.1%	Y	Y
Peaks Hill Farm	Worksop	0.0%	0.0%	0.0%	0.3%	0.7%	2.4%	N	N
Former Bassetlaw Pupil Referral Centre	Worksop	0.0%	0.0%	0.0%	4.5%	12.5%	34.0%	Y	Y
Former Manton Primary School	Worksop	0.0%	0.0%	0.0%	0.0%	0.6%	4.7%	N	N
Talbot Road	Worksop	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	N	N
Former Knitwear Factory, Retford Road	Worksop	0.0%	0.0%	11.3%	2.9%	5.3%	33.7%	N	Y
High Marnham Power Station	Marnham	11.8%	13.2%	14.7%	3.3%	6.2%	18.3%	Y	Y
Cottam Power Station	Cottam	17.4%	44.3%	73.5%	0.7%	1.8%	10.5%	Y	Y
Land south of Ollerton Road	Tuxford	0.0%	0.0%	0.0%	0.0%	0.1%	1.5%	Y	Y
Bassetlaw Garden Village	Babworth	0.0%	<0.01%	<0.01%	7%	0.2%	1.9%	Y	Y

3 What developers should do for now

For any sites coming through in the interim period, developers should refer to Section 10, 11 and 13 of the [Level 1 SFRA](#). They should contact:

- The Environment Agency to obtain the latest modelling for the River Idle in Retford if the site is likely to be affected by it;
- Bassetlaw District Council to obtain the latest modelling for the Retford Beck in Retford if the site is likely to be affected by it.

The models should be used to inform the site-specific Flood Risk Assessments. Revised modelling for the River Ryton in Worksop is being undertaken by the Environment Agency and likely to be available in early 2021.