

## Spelthorne Borough Council Level 1 Strategic Flood Risk Assessment - Appendix A - Data Register

Organisation	Dataset Description	Format	Importance	Comments	Request date	Received	Date received	Review Comments
Environment Agency	AIMS (Asset Information Management System) for the study area including defence standard of protection.	GIS	Essential	Details of defences e.g. embankment, food gate, higher ground and structures e.g. weir, culvert etc.	23/11/2017	Yes	15/01/2018	Not in spatial format to map. Just MS Excel format. Use defence layer downloaded from Flood Map instead.
Environment Agency	Hydraulic Model, Outputs and Report for River Colne (Mott MacDonald April 2012)	Various	Essential	Climate Change Scenarios are limited to 1% AEP plus 20% increase. The section of the River Colne model in Spelthorne is a 1D model, and therefore only flood extent and depth grids are available, not hazard.	23/11/2017	Yes	23/11/2017	
Environment Agency	Hydraulic Model, Outputs and Report for River Thames, Jubilee River and River Ash Modelling (JBA Consulting, July 2020).	Various	Essential	Climate change scenarios available for 1% AEP plus 25%, 35% and 70%. Depth, hazard, velocity, water level grids available.	23/11/2017	Yes	02/09/2020	
Environment Agency	Hydraulic Model Outputs (only) for River Thames and Tributaries (JBA Consulting, November 2022).	GIS	Essential	Climate change scenarios available for 1% AEP plus 10%, 20%, 25%, 35% and 81%. Depth, hazard, velocity, water level grids available.	01/11/2022	Yes	15/11/2022	This data will be used by the Environment Agency to update Flood Zones 2 and 3 on the Flood Map for Planning in due course.
Environment Agency	Hydraulic Model, Outputs and Report for River Ash (JBA Consulting 2019)	Various	Essential	Climate change scenarios available for 1% AEP plus 25%, 35% and 70%. Depth, hazard, velocity, water level grids available.	23/11/2017	Yes	14/10/2020	
Environment Agency	Areas Benefitting from Flood Defences (ABD)	GIS	Essential	Downloaded by AECOM	23/11/2017	Yes	01/02/2021	Latest layers obtained in Feb 2021 via the WMS layers online.
Environment Agency	Details of any proposed flood defence or alleviation schemes in the Borough	doc	Essential	Latest details of the River Thames Scheme provided.	01/11/2022	Yes	15/11/2022	
Environment Agency	Information on future works/safeguarding areas/early appraisal schemes	doc	Important	Details of temporary defence projects provided.	23/11/2017	Yes		
Environment Agency Open Data	Areas Benefitting from Flood Defences (ABD)	GIS	Essential	Downloaded by AECOM	30/11/2017	Yes	05/05/2022	Latest layers obtained in May 2022 via the WMS layers online.
Environment Agency Open Data	Flood Zones	GIS	Essential	Downloaded by AECOM	30/11/2017	Yes	05/05/2022	Latest layers obtained in May 2022 via the WMS layers online.
Environment Agency Open Data	Flood Warning Areas	GIS	Essential	Downloaded by AECOM	30/11/2017	Yes	05/05/2022	
Environment Agency Open Data	Recorded Flood Outlines	GIS	Essential	Downloaded by AECOM	30/11/2017	Yes	04/12/2017	
Environment Agency Open Data	Source Protection Zones	GIS	Important	Downloaded by AECOM	30/11/2017	Yes	18/12/2017	
Environment Agency Open Data	Statutory Main Rivers	GIS	Essential	Downloaded by AECOM	30/11/2017	Yes	18/12/2017	10k
Environment Agency Open Data	Reservoirs	GIS	Essential	AECOM to download or to be provided by SBC	30/11/2017	No		Could use OSMM instead.
Environment Agency Open Data	LiDAR topographic data (GIS files)	GIS	Essential	Downloaded by AECOM	30/11/2017	Yes	06/12/2017	
Environment Agency Open Data	Risk of Flooding from Surface Water (RoFSW)	GIS	Essential	Downloaded by AECOM	30/11/2017	Yes	04/12/2017	Latest layers obtained in May 2022 via the WMS layers online.
Environment Agency Open Data	Aquifer Designation Maps	GIS	Important	Sent by SBC	30/11/2017	Yes	04/12/2017	
Environment Agency Open Data	Areas Susceptible to Groundwater Flooding	GIS	Essential	Sent by SBC (via partners login)	30/11/2017	Yes	21/12/2017	
Spelthorne Borough Council	Study Area - Council Boundary	GIS	Essential	Sent by SBC	30/11/2017	Yes	04/12/2017	
Spelthorne Borough Council	Ordnance Survey Mapping (1:10,000)	tif	Essential	Sent by SBC	30/11/2017	Yes	04/12/2017	
Spelthorne Borough Council	Ordnance Survey Mapping (1:25,000)		Important	Used 10K instead.	30/11/2017	No		
Spelthorne Borough Council	OS Master Map	GIS	Essential	Sent by SBC		Yes	19/12/2017	
Spelthorne Borough Council	Development / growth areas or sites (GIS layer)	GIS	Important	Sent by SBC	30/11/2017	Yes	04/12/2017	
Spelthorne Borough Council	Records of flooding from all sources (GIS layer)	GIS	Essential	Provided by other stakeholders instead.	30/11/2017	No		
Spelthorne Borough Council	Ordinary watercourses	GIS	Essential	Sent by SBC	30/11/2017	Yes	04/12/2017	
Spelthorne Borough Council	Detailed River Network	GIS	Essential	Sent by SBC	19/12/2017	Yes	21/12/2017	

Spelthorne Borough Council								
Spelthorne Borough Council	Emergency Rest centres (GIS layer)	GIS	Important	Sent by SBC	30/11/2017	Yes	14/12/2017	Emergency rest centres should not appear in report
Spelthorne Borough Council	National Receptor Database	GIS	Important	Sent by SBC	30/11/2017	Yes	05/12/2017	
Spelthorne Borough Council	Geology data - solid and drift geology	GIS	Essential	AECOM downloaded the 625k Bedrock and superficial geology from BGS website	30/11/2017	Yes	19/12/2017	
Spelthorne Borough Council	Postcode boundary (GIS layer)	GIS	Important	SBC sent csv file and GIS layers	30/11/2017	Yes	04/12/2017 and 21/12/2017	
Spelthorne Borough Council	Core strategy and policies report	doc	Important	AECOM access online.	n/a	Yes		
Spelthorne Borough Council	Supplementary planning document	doc	Important	AECOM access online.	n/a	Yes		
Spelthorne Borough Council	Planning and monitoring report 2016	doc	Important	AECOM access online.	n/a	Yes		
Spelthorne Borough Council	SFRA 2006	doc	Essential	AECOM access online.	n/a	Yes		
Surrey County Council	Wetspots and other historic flooding records from all sources	GIS	Essential	Received from Surrey CC.	30/11/2017	Yes	01/12/2021	Updated wetspots supplied in 2020-12-01 .
Surrey County Council	PFRA and associated datasets (GIS layer)	GIS	Essential	AECOM access online.	30/11/2017	Yes		
Surrey County Council	SuDS suitability data	GIS	Essential	Received from Surrey CC.	30/11/2017	Yes	19/12/2017	
Surrey County Council	Flood Incident Reports	doc	Essential	AECOM access online.	30/11/2017	Yes	01/12/2017	
Surrey County Council	Local Flood Risk Management Strategy (for 2017-2032)	doc	Important	AECOM access online.	n/a	Yes		
Surrey County Council	PFRA, 2017	doc	Important	AECOM access online.	n/a	Yes		Updated in 2017.
Thames Water	Sewer flooding records (DG5)	GIS	Essential	TW sent data in an MS Excel format	30/11/2017	Yes	19/12/2017	