

## Appendix E – Summary of flood risk in Telford & Wrekin Borough

The table below summarises the areas where there are notable flood risks within the district.

Area	Fluvial flood risk	Existing defences	Surface water flood risk	Susceptibility to Groundwater flood risk				Reservoir inundation risks	Historic, recorded flood events
				<25%	>=25% <50%	>=50% <75%	>=75%		
The South (Telford urban area, from Ironbridge to A156)	<p>Numerous ordinary watercourses drain the Telford urban area into the Strine Brook/Commission Drain to the north. The Loamhole Brook and ordinary watercourses drain into the River Severn in the south.</p> <p>Most of the Telford Urban area is not at significant risk of flooding from fluvial sources, with some notable exceptions.</p> <p>A significant part of the Legomery area is within Flood Zone 3, associated with the Hurley Brook and several smaller unnamed watercourses.</p> <p>Similarly, a significant part of the Trench area is within Flood Zones 2 &amp; 3, associated with water from the Trench Pool, and unnamed drains feeding into the Crow Brook.</p> <p>The Humbers lies within Flood Zones 2 &amp; 3, associated with an unnamed ordinary watercourse which flows north towards the Strine Brook.</p> <p>To the south, Nightingale Walk and Ken Jones Close lie within Flood Zone 3, associated with an unnamed ordinary watercourse.</p> <p>Parts of Coalbrookdale lie within Flood Zone 3, associated with the Loamhole Brook, which flows into the River Severn.</p> <p>Through Ironbridge Gorge, there are numerous properties within Flood Zone 3, associated with the River Severn.</p>	No permanent defences, demountable defences along the Severn through Ironbridge.	Within the Telford urban area, there are many areas susceptible to surface water flooding during an extreme event, including significant flows from Middle Pool down through the Wormbridge area, from Ketley through to Overdale and from Lawley Common through Lawley. Owing to the hilly terrain, there are however numerous significant surface water flows across the urban area and the Environment Agency's Risk of Flooding from Surface Water map should be consulted for full details.	✓	✓			<p><b>Flood warning information service (GOV.UK):</b></p> <ul style="list-style-type: none"> <li>Several inundation pathways cross the Telford Urban area including Middle Pool, Newdale Pool, the Flash, Horeshay Pool, Apley pool, Holmer Lake, and an unnamed reservoir south of Cuddley.</li> <li>A very small area around the River Severn is identified as at risk from reservoir flooding however there are multiple reservoirs upstream, unnamed lakes/reservoirs around Mirelake farm, and the source is not attributable from available data.</li> </ul>	<p><b>Historic flooding provided by Telford &amp; Wrekin Council (LLFA):</b></p> <ul style="list-style-type: none"> <li>Ironbridge, Jackfield &amp; Coalport- River Severn channel capacity exceeded Jan 1948, Dec 1960, Oct 1998 and Feb 2004.</li> <li>Ketley, Dawley, Buildwas, Coalbrookdale, Ironbridge, Coalport, Jackfield- Surface Water Flooding 14<sup>th</sup> June 2020</li> <li>Ketlwy, Wellington, Haygate, Apley Castle, Hadley Castle, Overdale, Dawley- Surface water, 12<sup>th</sup> August 2020</li> </ul>
Rural Northeast and Newport (River Strine, River Meese)	The River Meese drains a predominantly rural catchment, flowing along the northern edge of the Borough, eastward from Aqualate Mare past Sambrook and Tibberton toward its confluence with	No defences	Owing to the low lying nature of the land, large parts of the northeast of the borough are susceptible to surface water flooding, although this predominantly affects fields and moorland.	✓	✓	✓	✓	<p><b>Flood warning information service (GOV.UK):</b></p> <ul style="list-style-type: none"> <li>Several unnamed</li> </ul>	<p><b>Historic flooding provided by Telford &amp; Wrekin Council (LLFA):</b></p> <ul style="list-style-type: none"> <li>Newport- Surface water, 1st June 2018</li> <li>Newport- Surface water, 12<sup>th</sup> August 2020</li> </ul>

and Strine Brook)	<p>the River Tern south of Great Bolas in the north of the borough.</p> <p>The River Strine and the Strine Brook drain the Weald Moors area and are joined by numerous smaller watercourses as they flow eastward toward their confluence with the Tern south of Crudington.</p> <p>River flooding associated with the River Strine, Strine Brooks and their tributaries is wide in extent however this limited to agricultural land and moorland with few properties at risk.</p>		<p>There are several surface water flow paths present in the Newport urban area, mainly following roads.</p>					<p>reservoirs, flooding agricultural and moorland.</p> <ul style="list-style-type: none"> <li>• Knighton Reservoir, following the River Meese. Very few properties affected, limited to very close proximity to the river.</li> </ul>	
Northwest (River Tern and Roden to A5)	<p>The River Tern is the main watercourse draining the north of the Borough, with the Rivers Meeses, Strine, and Roden joining it along its run. It rises north east of Market-Drayton, entering the Borough north of Great Bolas, crosses the north east of the borough past Longdon on Tern, and leaves the Boprough at Upon Magna, flowing on towards its confluence with the River Severn near Atcham.</p> <p>The River Roden rises near Wem Moss and flows southward through rural land, entering the Borough near Great Wytherford. It continues south, past Poynton and Rodington, joining the River Tern at Walcot.</p> <p>Flooding along these rivers is generally limited to land directly adjacent the rivers, predominantly rural land. There are several isolated properties and farm building at risk along the banks of the Tern, but there are no significant populated areas within Flood Zones 2 &amp; 3. Properties in Longdon on Tern are within close proximity to existing Flood Zones however.</p>	No defences	<p>Surface water flow paths mostly follow existing drainage channels. There is significant ponding in several areas, however this is limited to agricultural land.</p> <p>Several properties in Longdon on Tern are at risk during an extreme event, from flows running parallel to the B5063 toward the River Tern.</p> <p>There is also limited surface water flood risk to several properties in Crudington.</p>	✓	✓	✓	✓	<p><b>Flood warning information service (GOV.UK):</b></p> <ul style="list-style-type: none"> <li>• A very small area around the River Roden is identified as at risk from reservoir flooding from multiple unnamed lakes/reservoirs around Mirelake farm.</li> </ul>	<p><b>Historic flooding provided by Telford &amp; Wrekin Council (LLFA):</b></p> <ul style="list-style-type: none"> <li>• None recorded</li> </ul>