

## NOTE TO FILE



JBA Project Code 2025s0097 Adur Level 2 SFRA  
Client Adur District Council  
Day, Date and Time 07/05/2025  
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Reviewer / Sign off Ed Hartwell BSc MSc MCIWEM C.WEM  
Subject Flood datasets for use in the Level 2 SFRA

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### Adur Level 2 SFRA

Section	Data source
Tidal risk – present and climate change	<p>Arun-Adur modelling - 3.3%, 0.5%, 0.1% AEP.</p> <p>Arun-Adur modelling – 0.5%, higher central and upper end.</p> <p>Shoreham Adur Tidal Walls modelling – 3.3% AEP, higher central and upper end.</p>
Surface water risk – present and climate	<p>Risk of Flooding from surface water. This will use the superseded dataset as the newly released data is not suitable for planning. The NAFRA2 data does not include depth, hazard and velocity data for surface water and the climate change data is not suitable for planning. Return periods to be considered are 3.3%, 1% and 0.1%AEP.</p> <p>A comparison between the surface water extents will be undertaken and described in the individual site summary tables. This will compare the superseded Risk of Flooding from surface water data with the new data sets.</p> <p>Surface water risk zones (JBA analysis from Level 1).</p>
Groundwater	<p>JBA Groundwater flood risk mapping – Present day 1%AEP.</p> <p>Groundwater risk zones (JBA analysis from Level 1)</p>
Sewer	<p>Southern Water SIRF data</p> <p>DWMP</p>
Breach	<p>Arun-Adur modelling</p>

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Section	Data source
Reservoir	Environment Agency wet and dry day reservoir risk
Flood History	Environment Agency historic flood outline. WSCC flood history (up to 2021)
Topography	LIDAR
Geology/soil types	BGS Geology Viewer and Soilsclapes.
Defences	AIMS dataset
Flood warnings	Environment Agency FAAs and FWAs