





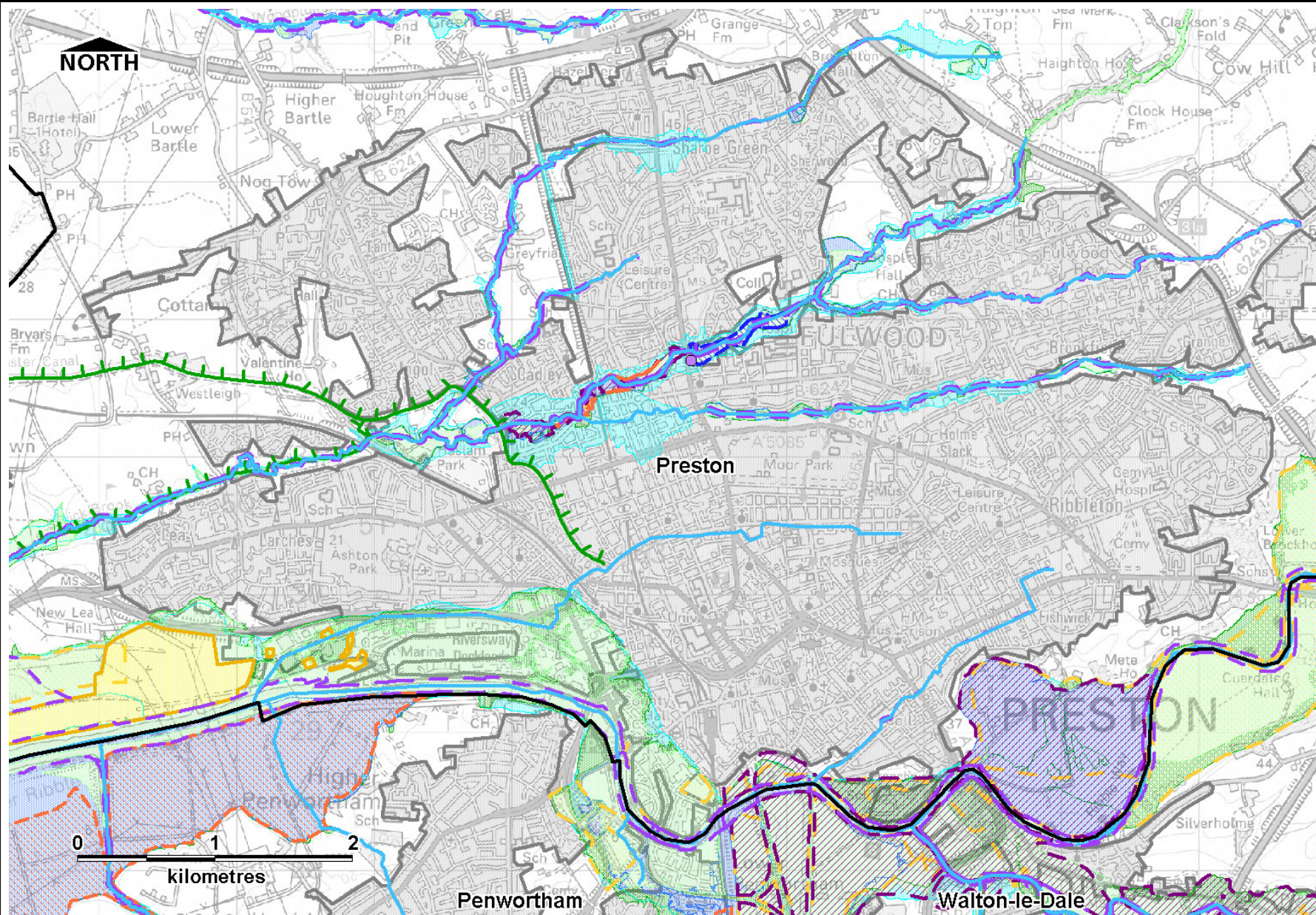
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## Appendix B: Settlement Level Assessment





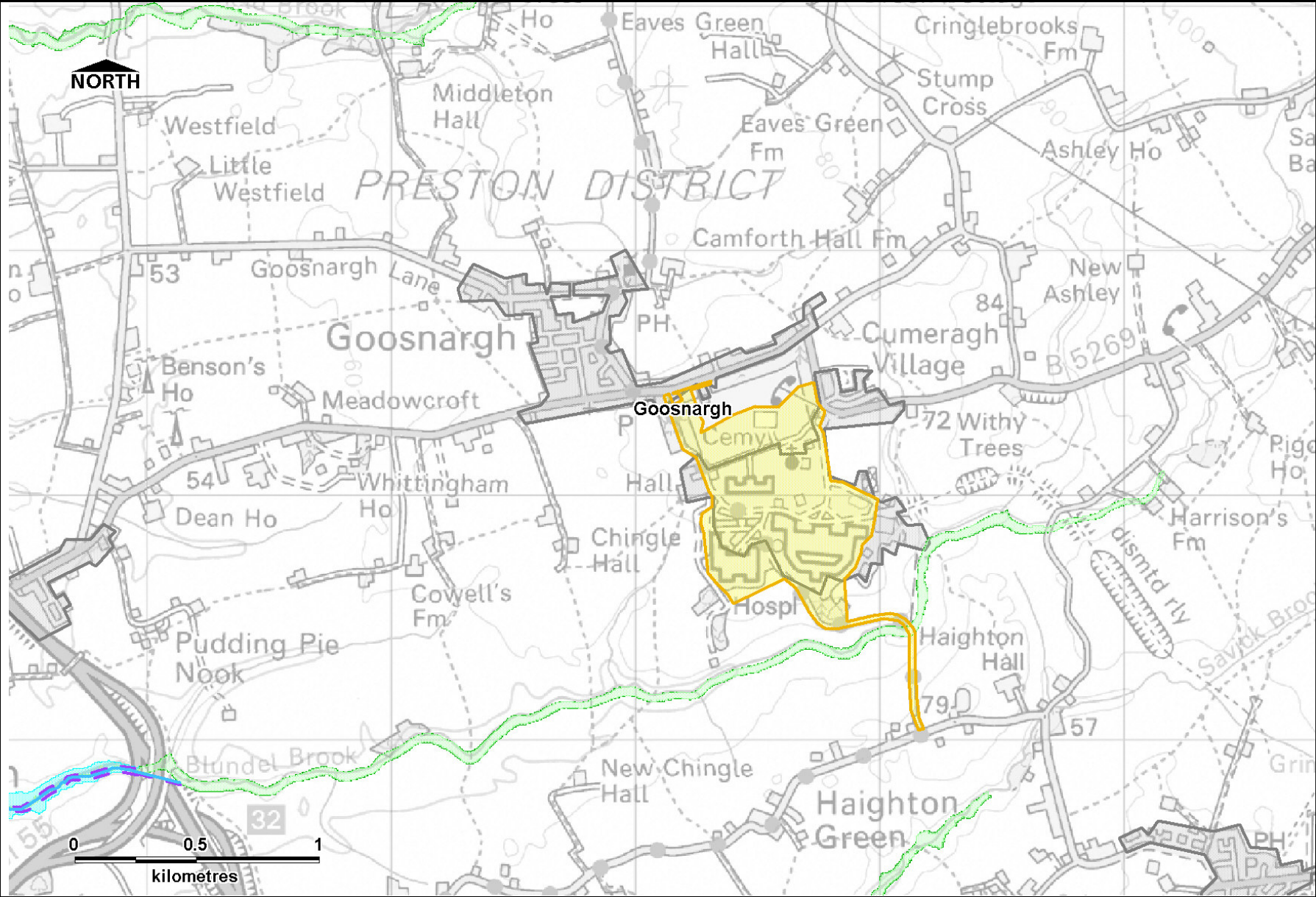
Table B-1: Central Lancashire Strategic Flood Risk Assessment – Settlements Flooding Summary.

	Settlement Hierarchy	Settlement	Area (ha)	Flood Zone 2		Flood Zone 3 + 20%		Flood Zone 3a		Flood Zone 3b	
				Area (ha)	% Settlement Area	Area (ha)	% Settlement Area	Area (ha)	% Settlement Area	Area (ha)	% Settlement Area
Chorley	Rural Settlement	Abbey Village	9.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		Bretherton	106.37	0.00	0.00	3.54	3.33	0.81	0.76	0.00	0.00
		Brindle	19.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		Charnock Richard	30.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		Croston	66.02	2.45	3.72	11.31	17.14	33.67	51.00	5.62	8.52
		Eccleston	119.62	0.56	0.47	0.56	0.47	0.00	0.00	2.81	2.35
		Gib Lane	13.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		Higher Wheelton	30.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		Hoghton	11.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		Mawdesley/Towngate	45.12	0.04	0.09	0.04	0.09	0.00	0.00	0.28	0.62
		Wheelton	20.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Withnell / Brinscall	53.68	0.11	0.42	0.11	0.42	0.00	0.00	0.03	0.12	
	Urban Area	Adlington	170.12	0.08	0.05	0.08	0.05	0.00	0.00	1.36	0.80
		Chorley	695.57	1.34	0.19	2.71	0.39	0.08	0.01	2.04	0.29
Clayton Brook / Green		165.40	0.00	0.00	0.29	0.18	0.21	0.13	0.00	0.00	
Coppull		132.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Euxton		168.43	0.29	0.17	0.18	0.11	0.00	0.00	1.40	0.83	
Whittle-le-Woods		160.29	2.87	1.79	4.01	2.50	2.67	1.66	0.00	0.00	
Preston	Rural Settlement	Barton	35.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		Broughton	59.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		Goosnargh	69.02	0.01	0.02	0.01	0.02	0.00	0.00	0.03	0.04
		Grimsargh	40.29	0.05	0.13	0.05	0.13	0.00	0.00	0.16	0.41
		Lea Town	11.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		Woodplumpton	28.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Urban Area	Preston	2630.07	139.24	5.29	47.18	1.79	9.60	0.36	106.21	4.04
South Ribble	Rural Settlement	Coup Green	30.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		Higher Walton	30.55	1.19	3.89	1.19	3.89	0.00	0.00	14.19	46.45
		Hutton	62.24	9.51	15.28	0.08	0.12	0.04	0.07	0.13	0.21
		Longton	133.93	7.84	5.85	2.33	1.74	1.80	1.34	0.16	0.12
		Mellor Brook	118.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		Much Hoole	71.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		New Longton	105.52	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
		Walmer Bridge	35.97	0.05	0.15	0.03	0.09	0.00	0.00	0.00	0.00
		Gregson Lane	48.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Urban Area	Bamber Bridge	387.83	8.79	2.27	8.79	2.27	0.39	0.10	0.00	0.00
		Farington	16.09	0.10	0.61	0.10	0.61	0.00	0.00	0.00	0.00
		Leyland	801.42	33.37	4.16	33.37	4.16	3.60	0.45	1.92	0.24
		Lostock Hall	190.48	3.26	1.71	3.26	1.71	0.00	0.00	0.00	0.00
		Penwortham	488.54	5.94	1.22	7.73	1.58	9.76	2.00	15.84	3.24
Walton-le-Dale	119.04	19.44	16.33	15.04	12.63	0.50	0.42	25.68	21.57		





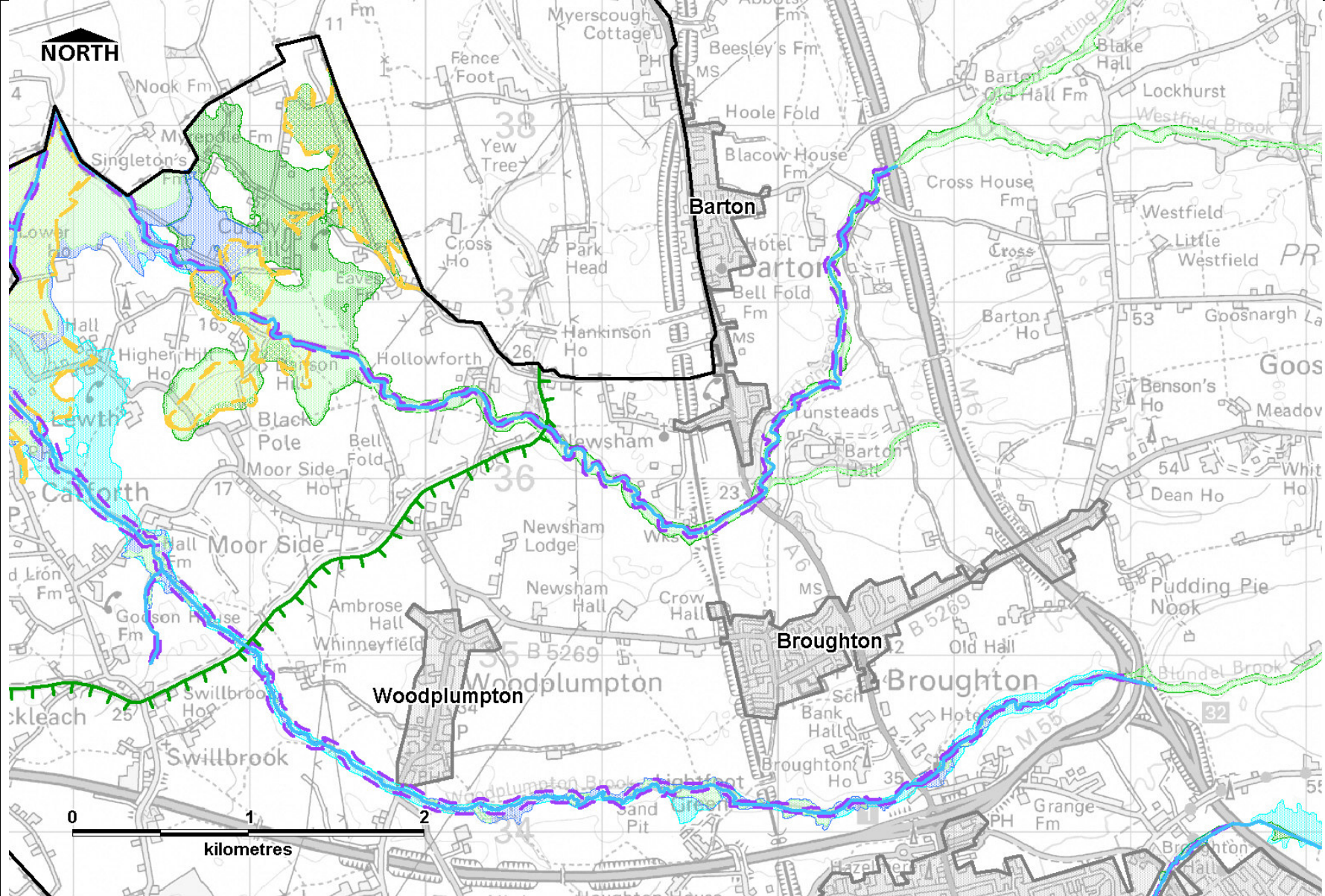


Central Lancashire Level 1 SFRA			   																		
Local Authority	Settlement Name	Settlement Hierarchy	Review of Settlement																		
Preston City Council	Preston	Urban Area	<p><b>Settlement Hierarchy</b></p> <p>The Lancashire Structure Plan proposes that, in the main, development in Preston should be focused within and at the edges of the Preston urban area. Areas likely to be the focus of development include Cottam (to the west) and Longsands (to the east) for housing and Riversway, north Preston and east Preston for employment opportunities. The draft Regional Spatial Strategy provides for 9,120 net additional dwellings in Preston between 2003 and 2021. The vast majority of this development will be focused on the Preston urban area and urban extensions such as at the former Whittingham Hospital.</p>																		
			<p><b>Flood Risk</b></p> <p>The River Ribble flows to the south of Preston and part of the urban area is located within the associated floodplain. The tidal limit of the Ribble is located at Preston but the exact location is unknown. However, it is assumed that parts of the Ribble at Preston are tidally influenced. The proposed development at Riversway (in the south west of the settlement) is within the functional floodplain of the Ribble. In addition, central and northern parts of Preston are at risk of flooding from Savick Brook, particularly during the extreme 1000 year flood event.</p> <p>DG5 data for external and internal sewer flooding incidents has been obtained from United Utilities for postcode areas within the study area. The number of flooding incidents is presented in Appendix D.</p>																		
			<p><b>Flood Record Information Data</b></p> <p>Areas of Preston have been affected by historical flooding, particularly from the River Ribble, which is indicated by the historical flood outline (from the Flood Event Recording System, FERS). The Ribble CFMP reports ten flood events in Preston between 1824 and 2000 and parts of the city were affected during the recent flood events (June and July 2007)</p>																		
			<p><b>Settlement Level Coarse Assessment</b></p> <table border="1"> <thead> <tr> <th rowspan="2"></th> <th rowspan="2">Size of Settlement</th> <th colspan="2">Area in Zone 3</th> <th rowspan="2">Area in Zone 2</th> <th rowspan="2">Likely new development in Zones 2 and 3</th> </tr> <tr> <th>FZ3b FFP</th> <th>FZ3a 100yr</th> </tr> </thead> <tbody> <tr> <td>Area (ha)</td> <td>2630.07</td> <td>106.41</td> <td>9.60</td> <td>139.24</td> <td>79.16</td> </tr> <tr> <td>% of Area</td> <td></td> <td>4.04</td> <td>0.36</td> <td>5.29</td> <td>100.00</td> </tr> </tbody> </table>			Size of Settlement	Area in Zone 3		Area in Zone 2	Likely new development in Zones 2 and 3	FZ3b FFP	FZ3a 100yr	Area (ha)	2630.07	106.41	9.60	139.24	79.16	% of Area		4.04
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<p><b>Legend</b></p> <ul style="list-style-type: none"> <li>Administrative Boundary</li> <li>Urban Area</li> <li>River Centreline</li> <li>Flood Zone 3a</li> <li>Flood Zone 3b</li> <li>Flood Defence</li> <li>Flood Zone 3 plus climate change</li> <li>Flood Zone 2</li> <li>Canal</li> <li>FERS Flood Event</li> <li>Flood Warning Area</li> <li>Flood Zone 1 refers to all areas that are not shown to be within a defined Flood Zone outline</li> <li>Area Benefiting from Defences</li> <li>Flood Storage Area</li> <li>Reservoir</li> <li>Major Development Site</li> </ul>			<p>This map is based upon Ordnance Survey material with the permission of Ordnance Survey on behalf of the Controller of Her Majesty's Stationery Office © Crown copyright. Unauthorised reproduction infringes Crown copyright and may lead to prosecution or civil proceedings. Chorley Borough Council License Number 100018509, Contract Number 2007/01</p> <p>Some features of this map are based on information provided by the Environment Agency, Copyright © Environment Agency, 2007</p>																		



Central Lancashire Level 1 SFRA			   																						
Local Authority	Settlement Name	Settlement Hierarchy	Review of Settlement																						
Preston City Council	Goosnargh / Whittingham	Urban Extension	<p><b>Settlement Hierarchy</b></p> <p>The Lancashire Structure Plan identifies Goosnargh / Whittingham, focused on the former hospital site, as a Strategic Location for Development to provide a mix of uses such as housing, business, local retailing, leisure and nature conservation. Policy DS2 of the Preston Local Plan builds on this in site-specific terms. The former hospital site comprises 63 hectares of previously developed land and 18 hectares of greenfield land, although the Local Plan states that it will not consider the release of the greenfield land during the period of the plan. The total number of houses provided on this site could be 1,000 in the long term, alongside other uses. Development of the former hospital site for mixed-use will require significant highways improvements to surrounding roads.</p>																						
			<p><b>Flood Risk</b></p> <p>Part of the access road to the main development area is within the functional floodplain of Blundel Brook, however the main development site is within Flood Zone 1 and is therefore considered to be at negligible risk of fluvial flooding. In addition, the settlement of Goosnargh is within Flood Zone 1.</p> <p>DG5 data for external and internal sewer flooding incidents has been obtained from United Utilities for postcode areas within the study area. The number of flooding incidents is presented in Appendix D.</p>																						
			<p><b>Flood Record Information Data</b></p> <p>There are no recorded fluvial or tidal flooding incidents in this settlement. Sewer flooding incidents are presented in Appendix D.</p>																						
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Preston City Council	Barton, Broughton & Woodplumpton	Rural Settlement	<p><b>Settlement Hierarchy</b></p> <p>In general, the boundary of the rural settlement establishes the limits of the built-up areas. Within these boundaries infill development or re-use of buildings will be permitted and in special circumstances development may be permitted outside, but adjoining, the settlement boundaries. Outside these boundaries, only development appropriate to open countryside will be permitted.</p>																																																																	
			<p><b>Flood Risk</b></p> <p>Woodplumpton Brook and Barton Brook flow near to the settlements of Woodplumpton and Barton respectively. However, the associated floodplains do not extend beyond the settlement boundary, hence the flood risk from these sources is considered to be minimal.</p> <p>DG5 data for external and internal sewer flooding incidents has been obtained from United Utilities for postcode areas within the study area. The number of flooding incidents is presented in Appendix D.</p>																																																																	
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**Legend**

- Administrative Boundary: Black line
- Urban Area: Grey shading
- River Centreline: Blue line
- Flood Zone 3a: Light blue shading
- Flood Zone 3b: Green shading
- Flood Defence: Purple dashed line
- Flood Zone 3 plus climate change: Yellow shading
- Flood Zone 2: Orange shading
- Canal: Green dashed line
- FERS Flood Event: Yellow dashed line
- Flood Warning Area: Red dashed line
- Flood Zone 1 refers to all areas that are not shown to be within a defined Flood Zone outline
- Area Benefiting from Defences: Blue hatched area
- Flood Storage Area: Blue hatched area
- Reservoir: Blue circle
- Major Development Site: Yellow rectangle

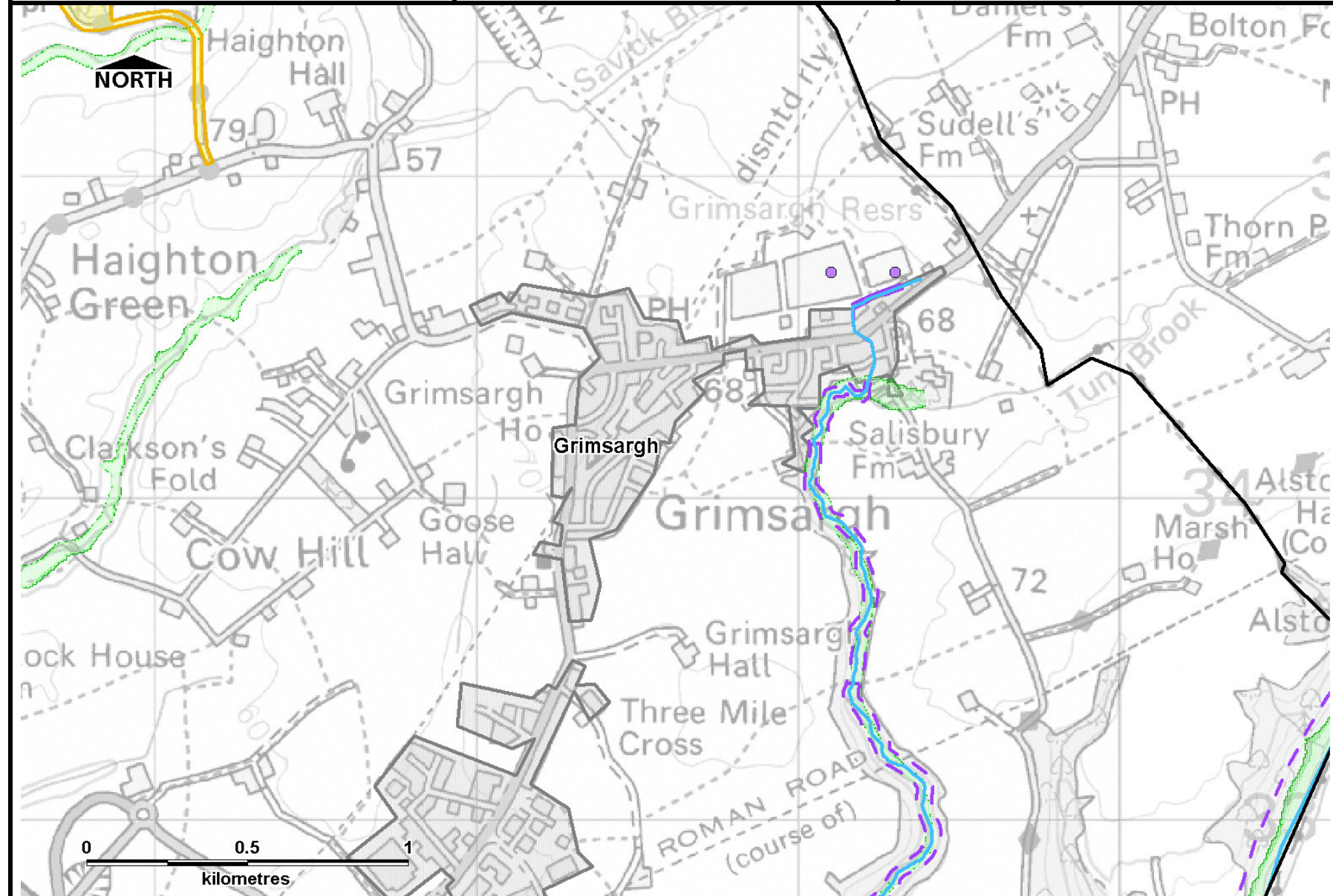
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<h1>Central Lancashire Level 1 SFRA</h1>			   
<b>Local Authority</b>	<b>Settlement Name</b>	<b>Settlement Hierarchy</b>	

Preston City Council	Grimsargh	Rural Settlement	<b>Review of Settlement</b>
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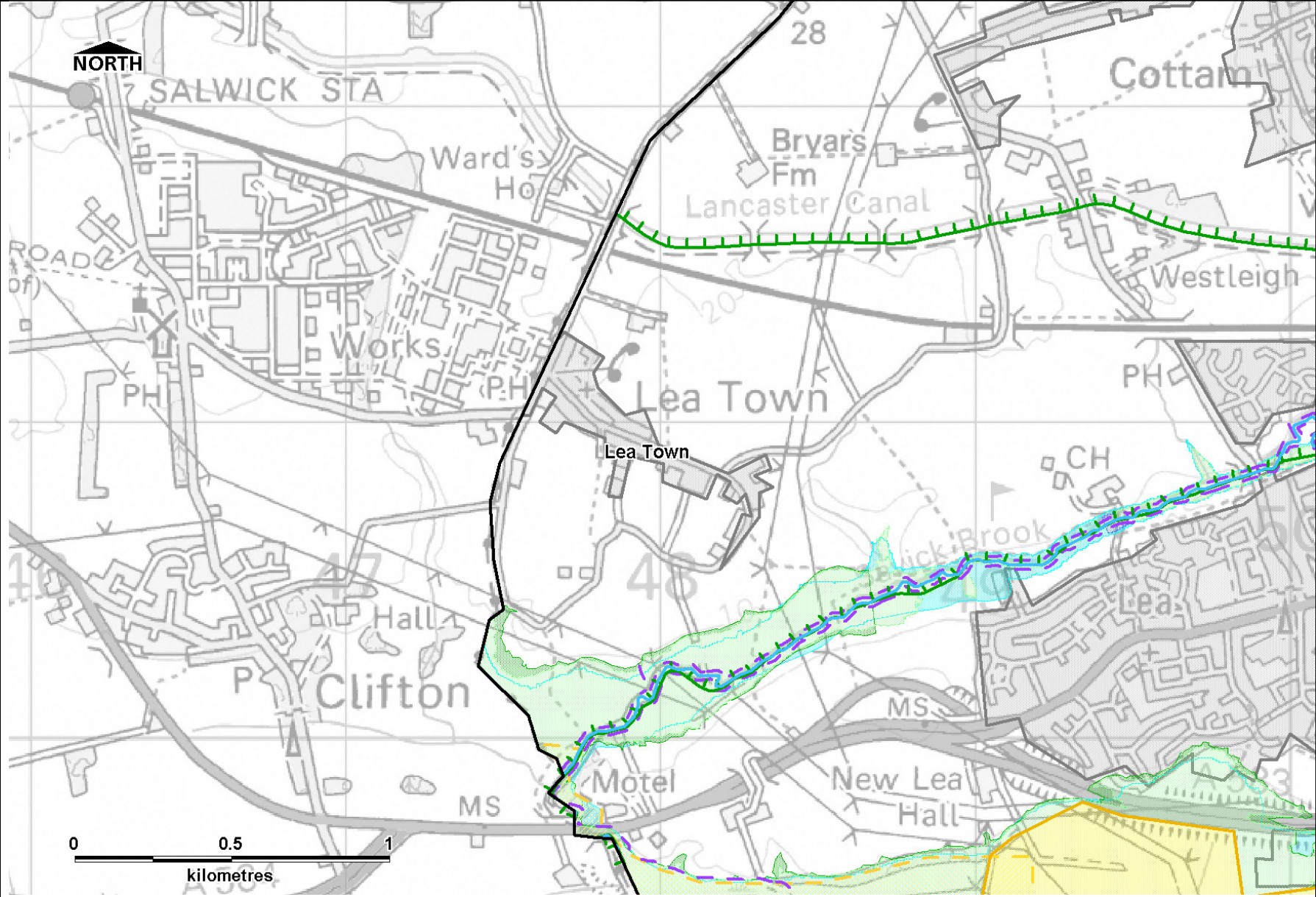
<b>Settlement Hierarchy</b>	In general, the boundary of the rural settlement establishes the limits of the built-up areas. Within these boundaries infill development or re-use of buildings will be permitted and in special circumstances development may be permitted outside, but adjoining, the settlement boundaries. Outside these boundaries, only development appropriate to open countryside will be permitted.
<b>Flood Risk</b>	<p>The Grimsargh reservoirs are located upstream of the settlement on an unnamed tributary of Tun Brook. It is recognised in the risk rating of these reservoirs under the Reservoir Act that a breach of any one of these reservoirs could have serious implications. Tun Brook flows to the south east of the study area and small parts of the settlement are within Flood Zone 3 plus an allowance for climate change and Flood Zone 2.</p> <p>DG5 data for external and internal sewer flooding incidents has been obtained from United Utilities for postcode areas within the study area. The number of flooding incidents is presented in Appendix D.</p>
<b>Flood Record Information Data</b>	There are no recorded fluvial or tidal flooding incidents in this settlement. Sewer flooding incidents are presented in Appendix D.

### Settlement Level Coarse Assessment

<b>Administrative Boundary</b> 	<b>Flood Zone 3a</b> 	<b>Flood Zone 3 plus climate change</b> 	<b>FERS Flood Event</b> 	<b>Area Benefiting from Defences</b> 	<b>Reservoir</b> 	This map is based upon Ordnance Survey material with the permission of Ordnance Survey on behalf of the Controller of Her Majesty's Stationery Office © Crown copyright. Unauthorised reproduction infringes Crown copyright and may lead to prosecution or civil proceedings. Chorley Borough Council License Number 100018509, Contract Number 2007/01  Some features of this map are based on information provided by the Environment Agency, Copyright © Environment Agency, 2007
<b>Urban Area</b> 	<b>Flood Zone 3b</b> 	<b>Flood Zone 2</b> 	<b>Flood Warning Area</b> 	<b>Flood Storage Area</b> 	<b>Major Development Site</b> 	
<b>River Centreline</b> 	<b>Flood Defence</b> 	<b>Canal</b> 	Flood Zone 1 refers to all areas that are not shown to be within a defined Flood Zone outline			

	Size of Settlement	Area in Zone 3		Area in Zone 2	Likely new development in Zones 2 and 3
		FZ3b FFP	FZ3a 100yr		
Area (ha)	40.29	0.16	0.00	0.05	-
% of Area		0.41	0.00	0.13	-



Central Lancashire Level 1 SFRA			   				
Local Authority	Settlement Name	Settlement Hierarchy	Review of Settlement				
Preston City Council	Lea Town	Rural Settlement	<p><b>Settlement Hierarchy</b></p> <p>In general, the boundary of the rural settlement establishes the limits of the built-up areas. Within these boundaries infill development or re-use of buildings will be permitted and in special circumstances development may be permitted outside, but adjoining, the settlement boundaries. Outside these boundaries, only development appropriate to open countryside will be permitted.</p>				
			<p><b>Flood Risk</b></p> <p>The settlement is considered to be at negligible risk of fluvial or tidal flooding. Savick Brook flows to the south but the associated Flood Zones do not affect the settlement.</p> <p>DG5 data for external and internal sewer flooding incidents has been obtained from United Utilities for postcode areas within the study area. The number of flooding incidents is presented in Appendix D.</p>				
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			Area (ha)	Size of Settlement	Area in Zone 3	Area in Zone 2	Likely new development in Zones 2 and 3
			11.75	0.00	0.00	0.00	-
			% of Area	0.00	0.00	0.00	-