



Project Title **Stage 1 Strategic Flood Consequences Assessment**  
**Pembrokeshire and Carmarthenshire County Councils**

Figure Title **Risk Categorisation Allocation Sites**  
**Carmarthenshire County Council (CCC) - Climate Change Allowance**

Sheet No. **15 of 15**

**Legend**

- River Network
- Flood Defences
- National Park Boundaries
- CCC Flood Risk Management Plan Policy Units
- Settlement Boundaries
- Surface Water Flood - Extent
- Estimated 1 in 100 Annual Chance Events with Climate Change
- NRW Flood Map Flood Zone 2
- SMP2 Flood Extent plus 2m Sea Level Rise

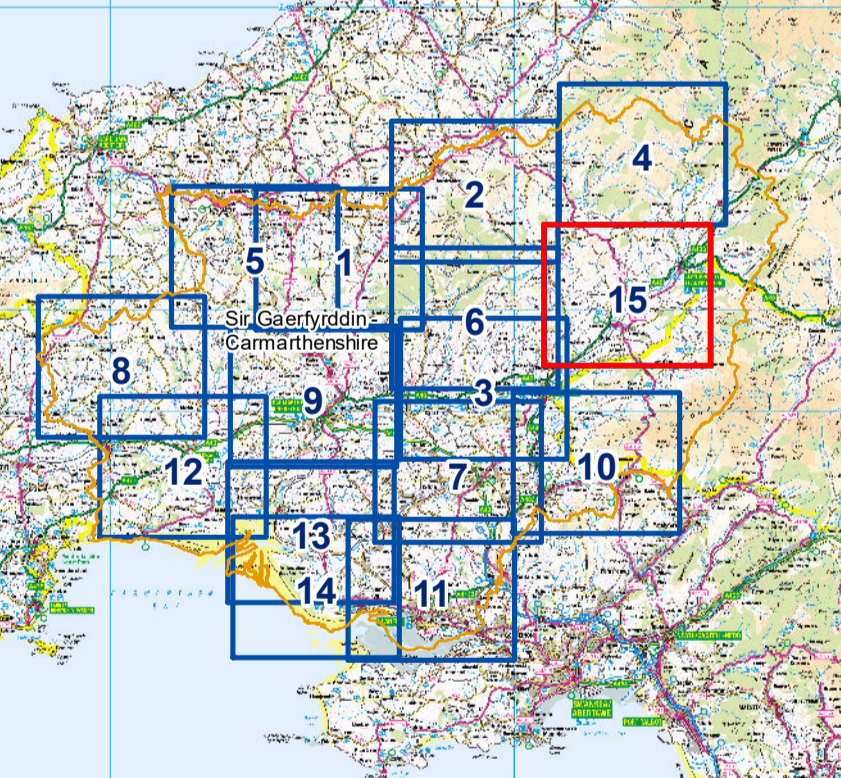
**LDP Allocation Sites 2019**

- High Risk >50% Site Area Flooded
- Medium High Risk >25% to <50% Site Area Flooded
- Medium Risk >5% to <25% Site Area Flooded
- Low Risk <5% Site Area Flooded

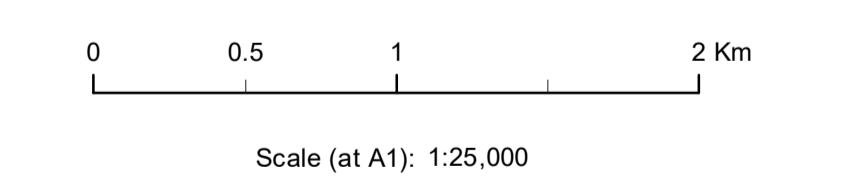
**Notes:**

1. NRW Flood Zone 2 - Assumed to approximate to 1 in 100 (1%) annual chance event with climate change.
2. The Surface Water Flood Extents are based on NRW's updated Flood Map for Surface Water (uFMSW). For future/ climate change scenario, a broad scale assumption has been made for Stage 1 screening:
  - Current 1 in 1000 (0.1%) annual chance flood outline becomes 1 in 100 (1%) with climate change.
3. Shoreline Management Plan 2 data - Flood extent is current 1 in 1000 (0.1%) tidal event plus 2m Sea Level Rise (SLR).
4. The maximum 0.5% annual chance or greater extreme tide level plus sea level rise is 6.9m. A coarse 7m contour (not shown) has also been used to screen tide risk for coastal sites - see Stage 1 SFCA Report.

Risk Category	Criteria Description (at least one of the following criteria is met)	Category Overview
HIGH	<ul style="list-style-type: none"> <li>• Greater than 50% of the site's plan area is:               <ul style="list-style-type: none"> <li>◦ Within Flood Zone 2 (Note 1)</li> <li>◦ Within Surface Water Flood Extent (Note 2)</li> <li>◦ Within SMP2 - Flood extent with 2m SLR (Note 3)</li> <li>◦ Below 7m contour at the coast (Note 4)</li> </ul> </li> <li>• Known history of flooding on the site</li> </ul>	<ul style="list-style-type: none"> <li>• The percentage of the site area flooded gives a screening level indication of how much of the site is for immediate of flooding criteria (TAN15.14).</li> <li>• Further analytical work will be needed to understand the flood risk at the site.</li> <li>• The underlying evidence base may need updating.</li> </ul>
MEDIUM HIGH	<ul style="list-style-type: none"> <li>• Greater than 25% up to 50% of the site's plan area is:               <ul style="list-style-type: none"> <li>◦ Within Flood Zone 2 (Note 1)</li> <li>◦ Within Surface Water Flood Extent (Note 2)</li> <li>◦ Within SMP2 - Flood extent with 2m SLR (Note 3)</li> <li>◦ Below 7m contour at the coast (Note 4)</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• The underlying evidence base may need updating.</li> </ul>
MEDIUM	<ul style="list-style-type: none"> <li>• Up to 25% of the site's plan area is:               <ul style="list-style-type: none"> <li>◦ Within Flood Zone 2 (Note 1)</li> <li>◦ Within Surface Water Flood Extent (Note 2)</li> <li>◦ Within SMP2 - Flood extent with 2m SLR (Note 3)</li> <li>◦ Below 7m contour at the coast (Note 4)</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• The underlying evidence base may need updating.</li> </ul>
LOW	<ul style="list-style-type: none"> <li>• Less than 5% of the site's plan area is within:               <ul style="list-style-type: none"> <li>◦ Flood Zone 2 (Note 1)</li> <li>◦ Surface Water Flood Extent (Note 2)</li> <li>◦ SMP2 - Flood Extent with 2m SLR (Note 3)</li> <li>◦ The area below the 7m contour at the coast (Note 4)</li> </ul> </li> <li>• No history of flooding in the site.</li> </ul>	<ul style="list-style-type: none"> <li>• Based on criteria description, flood risk in the area is likely to be adequately managed.</li> <li>• Development likely to proceed subject to agreement by the SuDS Approval Body.</li> <li>• Flood Risk to the site access routes and compliance with TAN15 will need to be confirmed.</li> </ul>



Data sources: Ordnance Survey, NRW, Carmarthenshire County Council, Pembrokeshire County Council



Status: **S2** | Drawn: UK/NJ 09/05/2019 | Checked: LG/DMH 09/05/2019 | Authorised: DBF 09/05/2019

Reference: 5186360-ATK-XX-XX-MP-G-100 | Version: **PO2**

