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. **3 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.

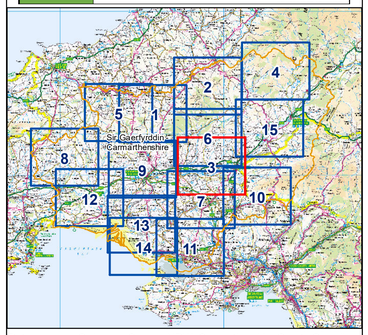
2. The Surface Water Flood Extents are based on NRW's updated Flood Map for Surface Water (uFMfSW)
For future/ climate change scenario, a broad scale assumption has been made for Stage 1 screening:

- 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	• Greater than 50% of the site's plan area is: ○ Within Flood Zone 2 (Note 1) ○ Within Surface Water flood extent (Note 2) ○ Within SMP2 – Flood extent with 2m SLR (Note 3) ○ Below 7m contour at the coast (Note 4) • Known history of flooding on the site.	• The percentage of the site area flooded gives a screening level indication of how much of the site may comply with TAN15 for threshold of flooding criteria (TAN15 A1.14). • Further analytical work will be required to understand the flood risk at the site. • The underlying evidence base may need updating.
MEDIUM HIGH	• Greater than 25% up to 50% of the site's plan area is: ○ Within Flood Zone 2 (Note 1) ○ Within Surface Water flood extent (Note 2) ○ Within SMP2 – Flood extent with 2m SLR (Note 3) ○ Below 7m contour at the coast (Note 4)	
MEDIUM	• Up to 25% of the site's plan area is: ○ Within Flood Zone 2 (Note 1) ○ Within Surface Water flood extent (Note 2) ○ Within SMP2 – Flood extent with 2m SLR (Note 3) ○ Below 7m contour at the coast (Note 4)	
LOW	• Less than 5% of the site's plan area is within: ○ Flood Zone 2 (Note 1) ○ Surface Water Flood Extent (Note 2) ○ SMP2 – Flood Extent with 2m SLR (Note 3) ○ The area below the 7m contour at the coast (Note 4) • No history of flooding in the site.	• Based on criteria description, flood risk in the area is likely to be acceptably managed. • Development likely to proceed subject to agreement by the SuDS Approval Body. • Flood Risk to the site and consequence of compliance with TAN15 will need to be confirmed.



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

0 0.5 1 2 Km

Scale (at A1): 1:25,000

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

Reference:	Version:
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Cyngor Sir Gâr Carmarthenshire County Council

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