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Consequences Assessment

Carmarthenshire County Councils

Pembrokeshire County Council (PCC) - Climate Change Allowance

Pembrokeshire and

Surface Water Flood - Extent Estimated 1 in 100 Annual Chance Events

High Risk >50% Site Area Flooded

Low Risk <5% Site Area Flooded

annual chance event with climate change.

has been made for Stage 1 screening:

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

1. NRW Flood Zone 2 - Assumed to approximate to 1 in 100 (1%)

Current 1 in 1000 (0.1%) annual chance flood outline

3. Shoreline Management Plan 2 data - Flood extent is current 1 in 1000 (0.1%) tidal event plus 2m Sea Level Rise (SLR). This dataset does not extend north of Nolton Haven on Pembrokeshire's west

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

Category Overview

Criteria Description
(at least one of the following criteria is met)

Greater than 25% up to 50% of the site's plan area is:

SMP2 - Flood Extent with 2m SLR (Note 3) The area below the 7m contour at the coast (Note 4)

Scale (at A1): 1:25,000

Checked: LG/DMH

13/06/2019

SNC • LAVALIN Member of the SNC-Lavalin Group

Authorised: DBF 13/06/2019

Version:

Drawn: UK/NJ

13/06/2019

Within Flood Zone 2 (Note 1) Within Surface Water flood extent (Note 2) Below 7m contour at the coast (Note 4)

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) Less than 5% of the site's plan area is within: Flood Zone 2 (Note 1)

No history of flooding in the site.

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.

becomes 1 in 100 (1%) with climate change.

with Climate Change NRW Flood Map Flood Zone 2

LDP Allocation Sites 2019

Legend

River Network Flood Defences