

9.3.45 Pembrey

Community Council(s): Pembrey & Burry Port
 Councillor: Shirley Mathews
 Hugh Shepardson
 Population: 4,303
 Area: 54.52km²
 Population Density: 79 people/km²

Area Description

Pembrey ward is located 6km west of Llanelli. The area is dominated by 10km of beach at Cefn Sidan Sands and associated flat hinterland rising to 155 mAOD of Pembrey Mountain. The watercourses here have flashy flood responses. The predominant land use in this ward is forestry.

Flood risk is dominated by the Gwendraeth Fawr and tidal flooding. High tide levels in the Gwendraeth back up in the Swanpool Drain causing flooding. Both watercourses and tidal flooding are not within the scope of this report as they are managed by NRW.

The Nant Dyfatty is an ordinary watercourse that flows from Pembrey Mountain, it passes through many private culverted sections as it flows down to its outfall.

Flood History

Pembrey canal and cycle path is a high flood risk area. A number of flooding incidents are attributed to fluvial flooding on the Nant Dyfatty.

Policy Units in Ward

There is one Policy Unit identified in this Ward:

- Furnace

Count Table (see Maps 1 & 2 below)

Criteria	Total at-risk Property Count	Dwellings affected	Community Services
High Risk	50	38	0
Medium Risk	86	67	1
Low Risk	299	243	2

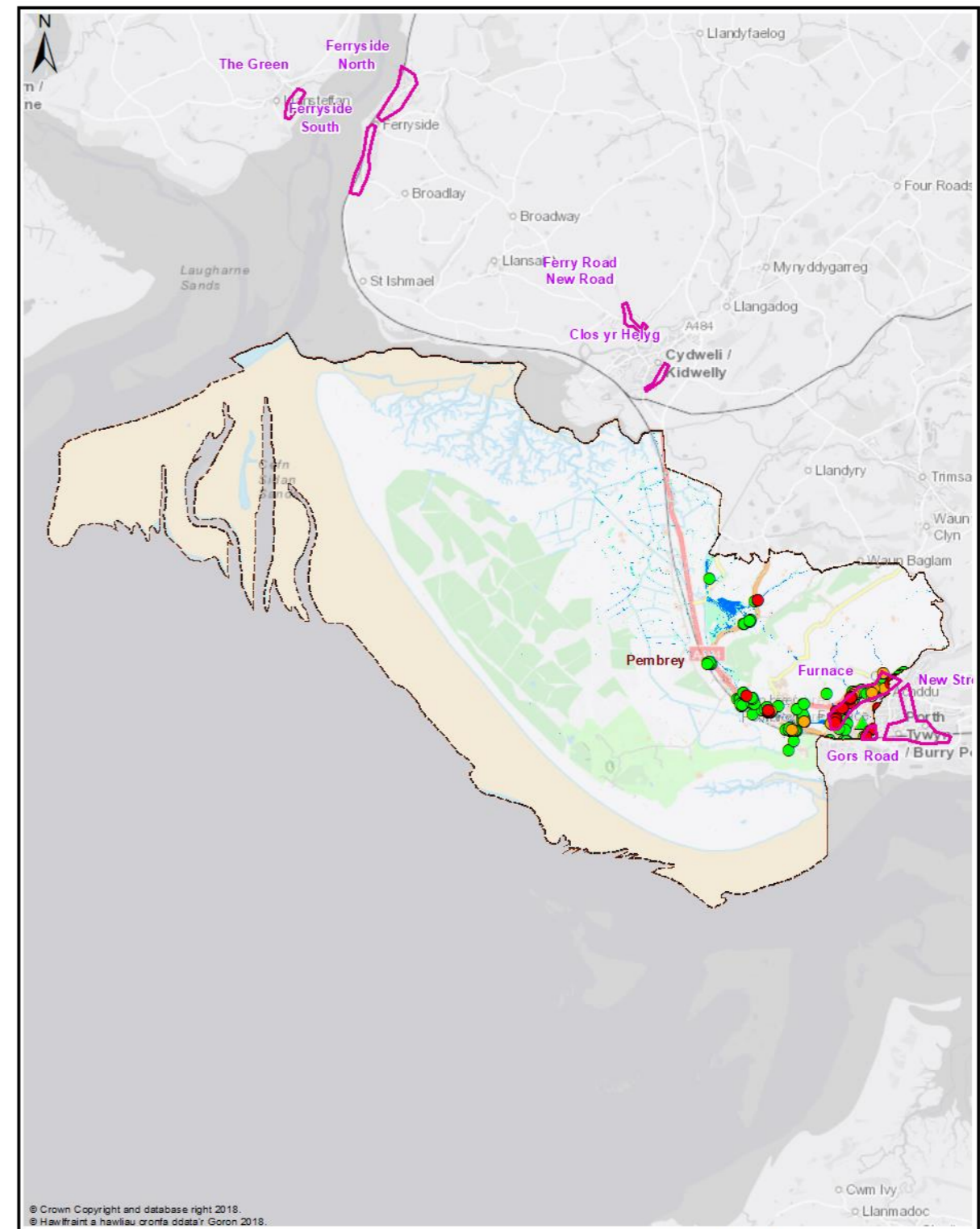
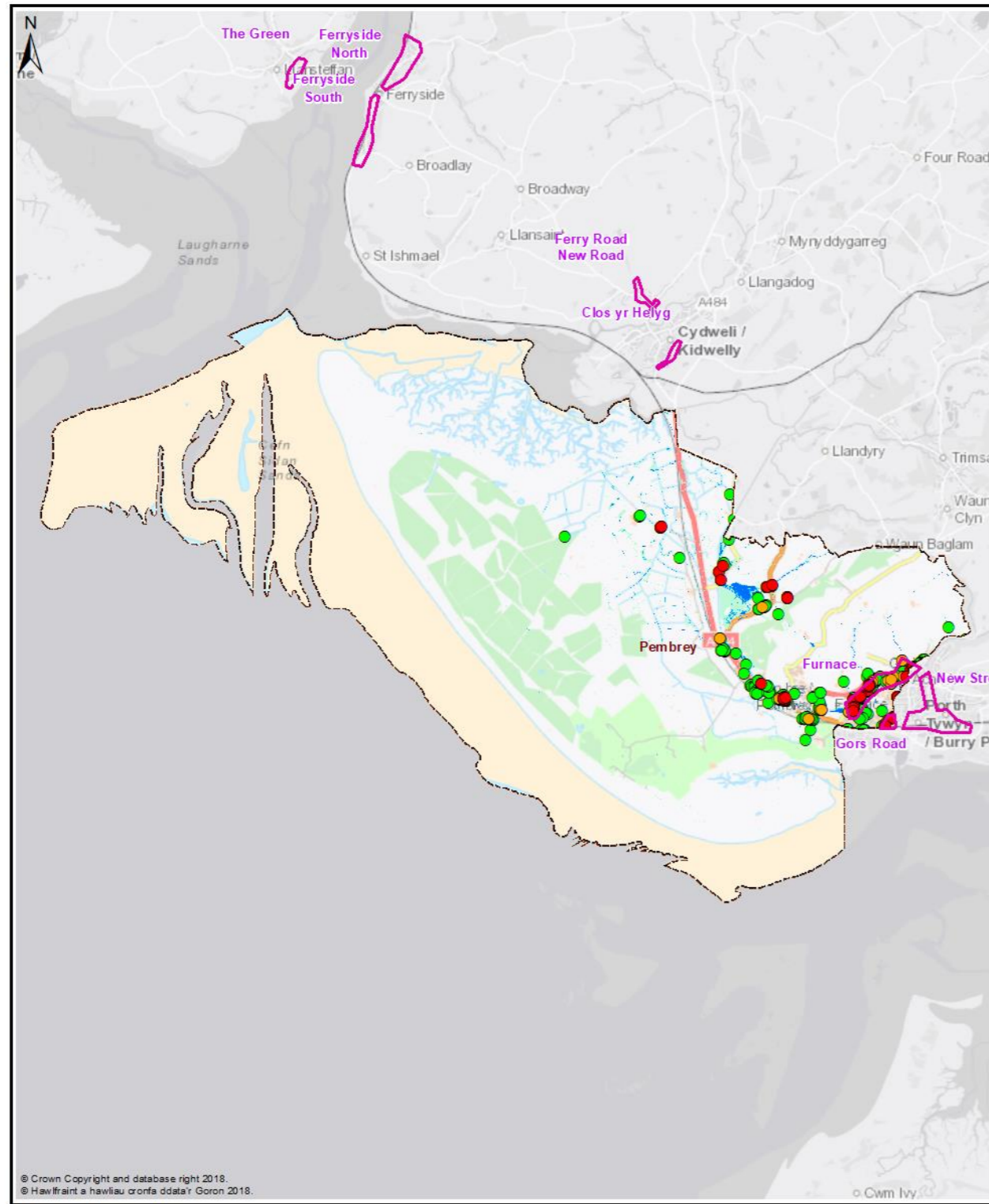
Breakdown by Policy Unit refer to Appendix E.

Other risk management authorities

DCWW has identified flood risk in the following locations:

- Danlan Road, Pembrey
- The Links, Burry Port
- Garreglwyd, Pembrey
- Waun Sidan, Pembrey

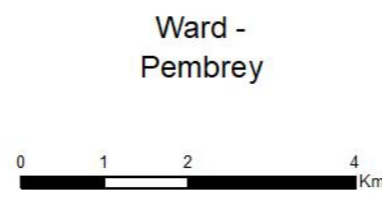
NRW will continue to take the lead and manage the flood risk from the sea and the fluvial risk from the Gwendraeth and Swanpool drain.

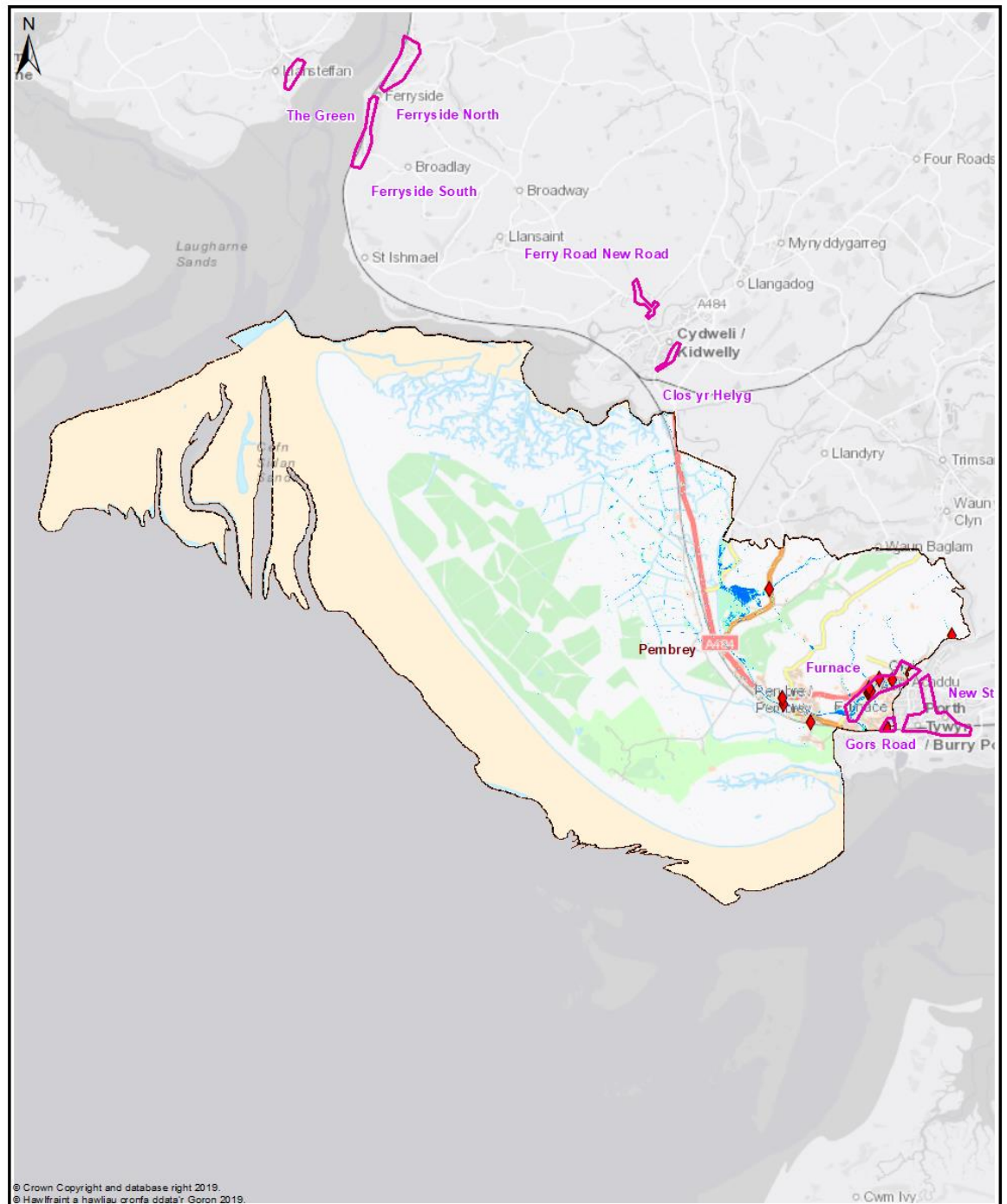


Map 1 - All Properties

Map 2 - Dwellings and Services

<p>Legend</p> <ul style="list-style-type: none"> Policy Unit Ward uFMFSW Q30 Surface Water Flood Outline 1 in 30 Probability Storm Event uFMFSW Q100 Surface Water Flood Outline 1 in 100 Probability Storm Event uFMFSW Q1000 Surface Water Flood Outline 1 in 1000 Probability Storm Event ● Q30 All Property Classes Flood Depth 150mm or Greater ● Q100 All Property Classes Flood Depth 150mm or Greater ● Q1000 All Property Classes Flood Depth 150mm or Greater 		<p>Legend</p> <ul style="list-style-type: none"> Policy Unit Ward uFMFSW Q30 Surface Water Flood Outline 1 in 30 Probability Storm Event uFMFSW Q100 Surface Water Flood Outline 1 in 100 Probability Storm Event uFMFSW Q1000 Surface Water Flood Outline 1 in 1000 Probability Storm Event ● Q30- Dwellings Flood Depth 150mm or Greater ● Q100- Dwellings Flood Depth 150mm or Greater ● Q1000- Dwellings Flood Depth 150mm or Greater ▲ Q30- Services Flood Depth 150mm or Greater ▲ Q100- Services Flood Depth 150mm or Greater ▲ Q1000- Services Flood Depth 150mm or Greater 	
---	--	---	--


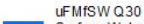


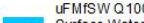

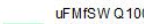




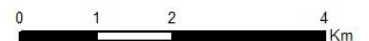
© Crown Copyright and database right 2019.
 © Hawlfraint a hawliau cronfa ddata? Goron 2019.

Map 3 - Communities at Risk Register

Legend

- | | | |
|---|---|--|
|  Policy Unit |  uFMSW Q30
Surface Water Flood Outline
1 in 30 Probability Storm Event |  CaRR Pluvial |
|  Ward |  uFMSW Q100
Surface Water Flood Outline
1 in 100 Probability Storm Event |  CaRR Fluvial |
| |  uFMSW Q1000
Surface Water Flood Outline
1 in 1000 Probability Storm Event | |

Ward -
Pembrey



Pembrey - Delivery Plan

The following summarises actions we propose to manage local flood risk to an acceptable level within the community.



Measure	Description	Priority	Timescale	Cost
M21	Undertake further flood risk analysis for the LDP assigned development area	High	Ongoing	Med
M22	investigate options to reduce flood risk to properties within the overall community	Med	Med	Med
M24	Culvert inspections of existing assets & update / maintain Asset Register	High	Ongoing	Low
M33	1 Policy Unit identified for further review of potential alleviation action(s).	High	Med	Med
M34	Work with DCWW to better understand and manage flood risk from surface water and sewers in highlighted locations	Med	Ongoing	Low
M42	Raise awareness of flood risk and support preparation of Community Flood Plans if applicable	Med	Med	Low
M43	Working with NRW to raise awareness of flood risk from the Main Rivers/Tide	Med	Med	Low
M51	Countywide recovery plans are in place. These will be triggered when appropriate	Med	Ongoing	Low