

### 9.3.37 Llangunnor

Community Council(s):	Llangunnor
Councillor:	Elwyn Williams
Population:	2,506 people
Area	23.32 km <sup>2</sup>
Population Density	107 people/km <sup>2</sup>

#### Area Description

Llangunnor Ward is largely rural, comprising the areas of Pensarn, Tregunor and Llangunnor located south of the River Towy. Pensarn is an area of mostly commercial use on the Towy flood plain, defended by flood defence walls. Tregunor is a large area of residential use above Pensarn, outside the Towy flood zone. Outside the urbanised areas land use is predominately pastoral agriculture with grassland for dairy.

#### Flood History

Pensarn flooded directly from the River Towy in 1987 as the flood defence wall was overtopped.

Further incidents post 1987 resulted from a culvert allowing water to pass under the flood defence wall. This affected the Stephens Way area of Pensarn.

2018 saw significant flooding as a result of Storm Callum, again in Pensarn. 14 business and 9 residential dwellings were flooded internally. The flood defence wall at the north of Pensarn leaked then overtopped as the River Towy rose. Flooding in the majority of Pensarn was attributed surface water not being able to discharge while the River Towy was in flood.

#### Policy Units in Ward

There is one Policy Unit identified in this Ward:

- Pensarn

#### Count Table (see Maps 1 & 2 below)

Criteria	Total at-risk Property Count	Dwellings affected	Community Services
High Risk	42	7	0
Medium Risk	71	25	0
Low Risk	221	122	1

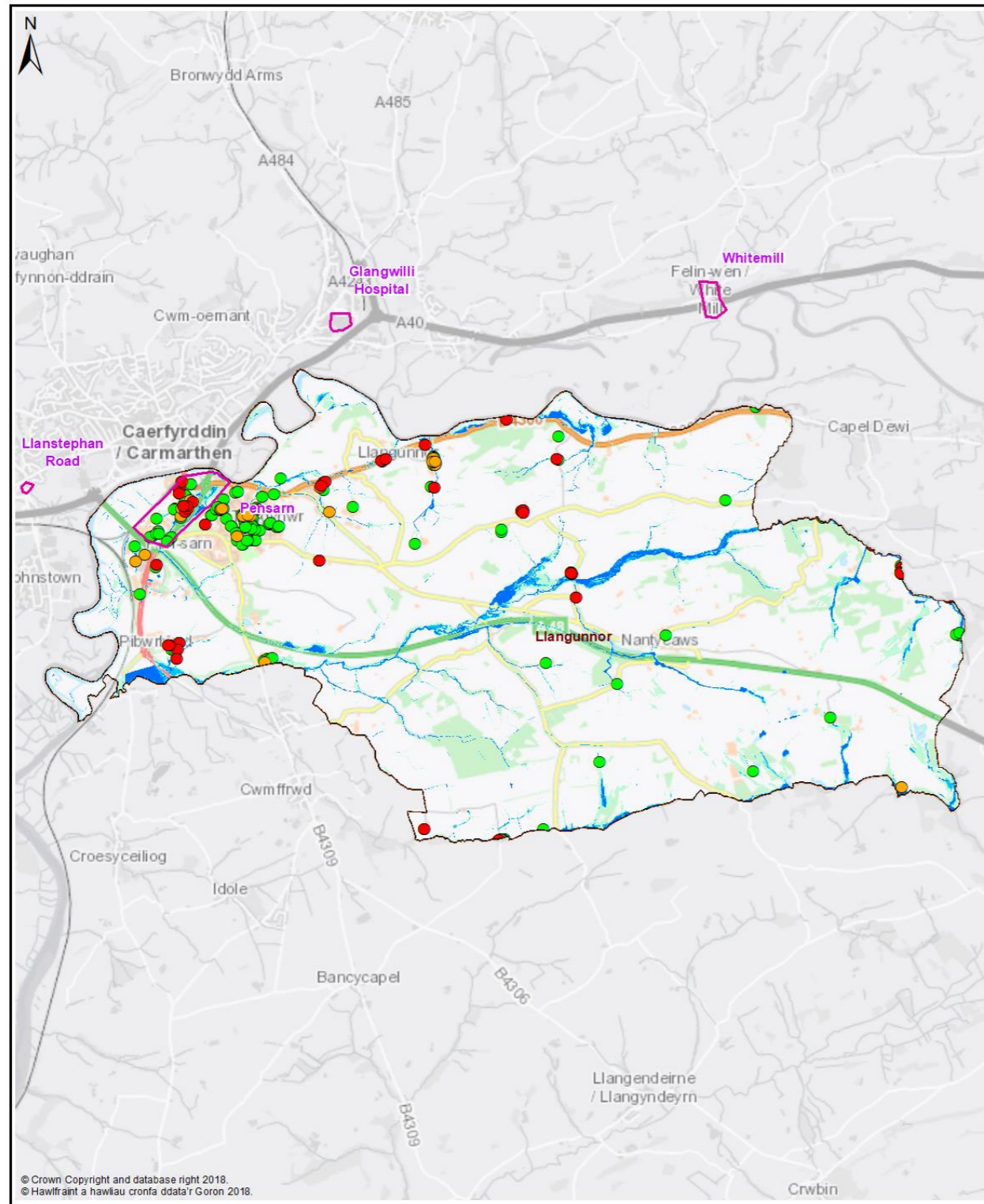
Breakdown by Policy Unit refer to Appendix E.

#### Other risk management authorities

DCWW has identified flood risk at the following locations

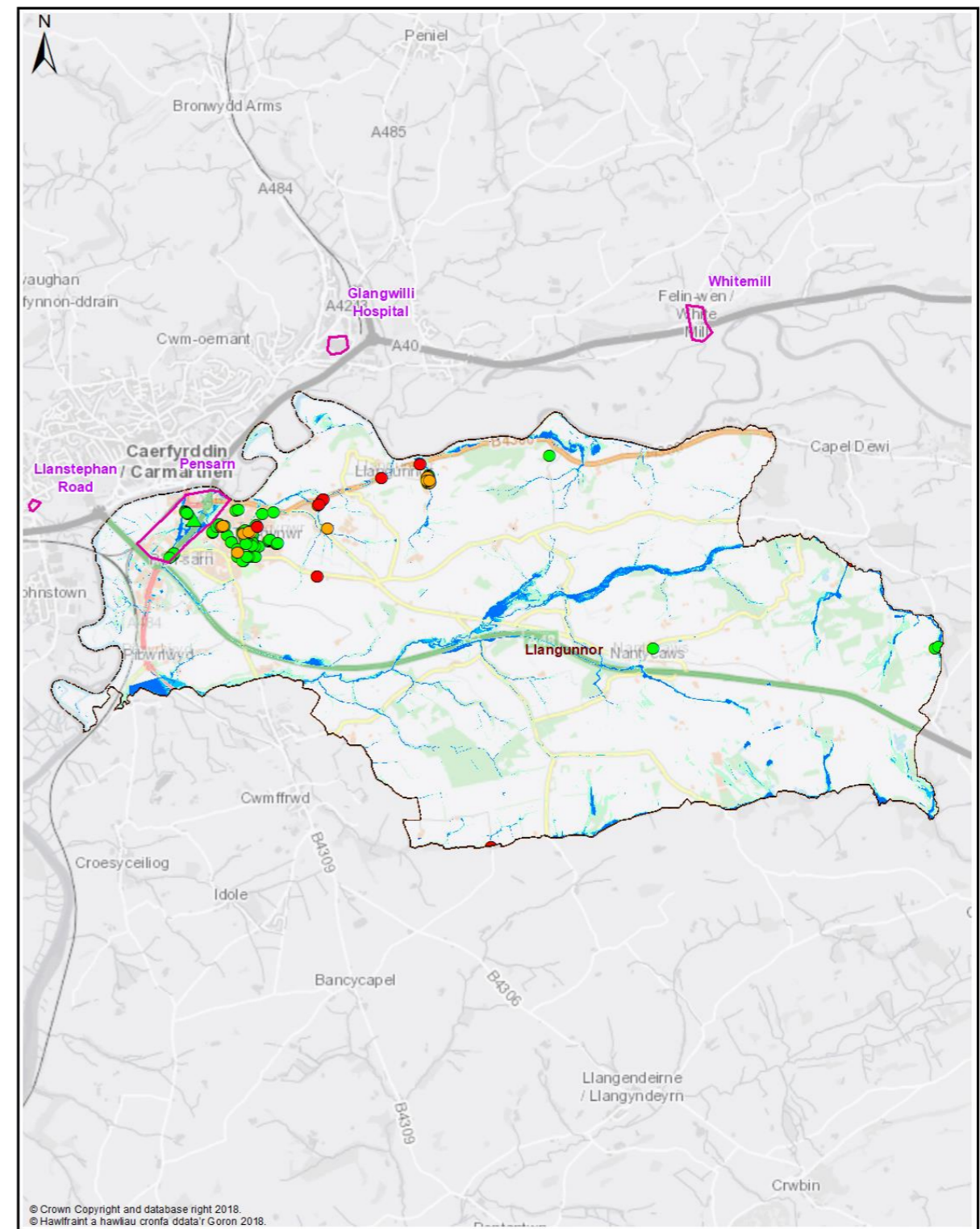
- Croesyceiliog, Carmarthen
- Penymorfa Lane, Carmarthen

NRW will continue to take the lead and manage the flood risk from the River Towy.



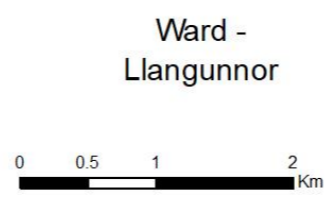
Map 1 - All Properties

- Legend**
- Policy Unit
  - Ward
  - uFMSW Q30 Surface Water Flood Outline 1 in 30 Probability Storm Event
  - uFMSW Q100 Surface Water Flood Outline 1 in 100 Probability Storm Event
  - uFMSW 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

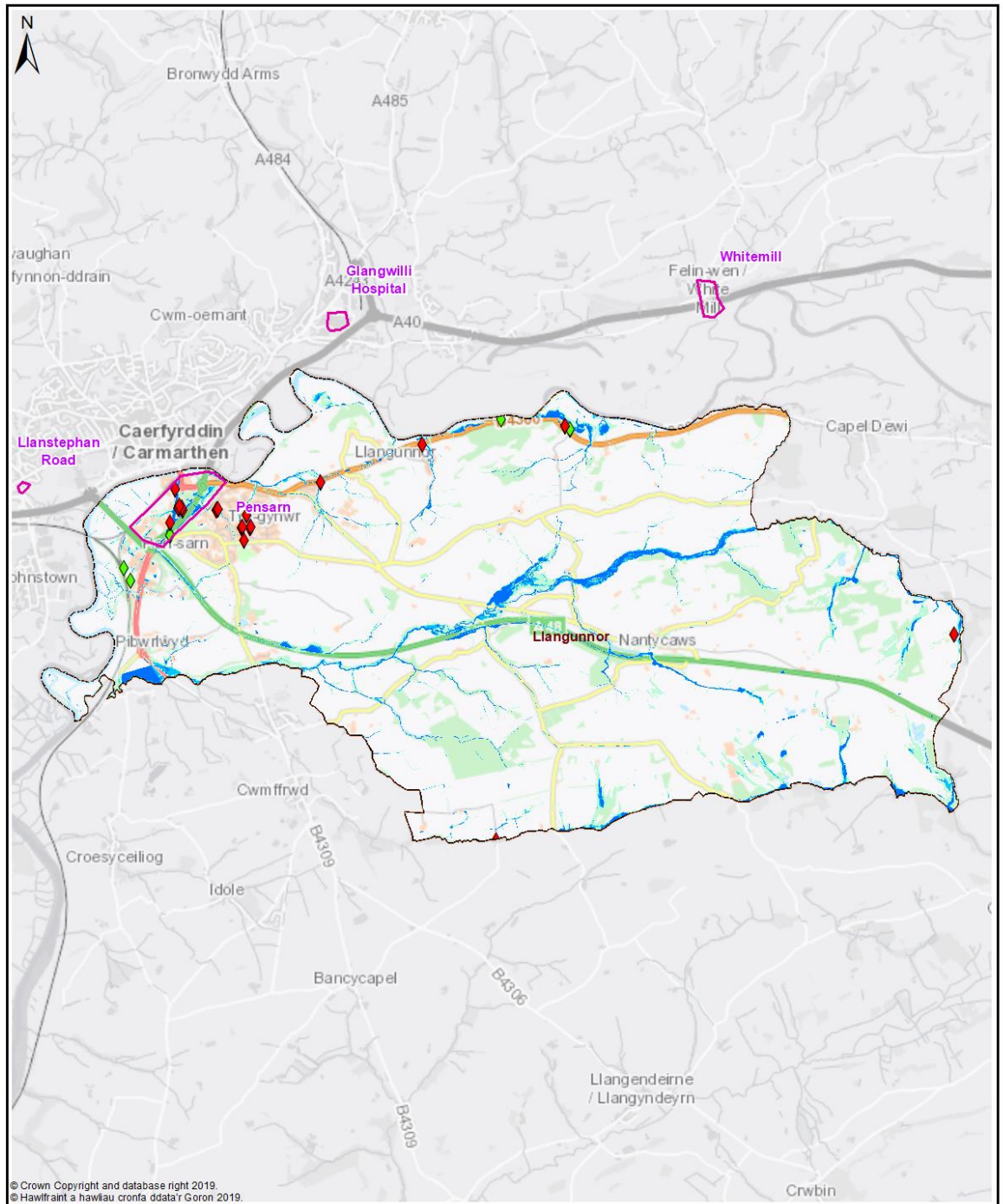


Map 2 - Dwellings and Services

- Legend**
- Policy Unit
  - Ward
  - uFMSW Q30 Surface Water Flood Outline 1 in 30 Probability Storm Event
  - uFMSW Q100 Surface Water Flood Outline 1 in 100 Probability Storm Event
  - uFMSW 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







Map 3 - Communities at Risk Register

Legend

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

Ward -  
Llangunnor



**Llangunnor - 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
M22	Investigate options to reduce flood risk to properties within the overall community	High	Ongoing	Med
M24	Culvert inspections of existing assets & update / maintain Asset Register.	High	Ongoing	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	Ongoing	Low
M51	Countywide recovery plans are in place. These will be triggered when appropriate	Med	Ongoing	Low