

### 9.3.23 Hengoed

|                       |                                 |
|-----------------------|---------------------------------|
| Community Council(s): | Llanelli Rural                  |
| Councillor:           | Susan Phillips<br>Penny Edwards |
| Population:           | 3,662 people                    |
| Area:                 | 19.09 km <sup>2</sup>           |
| Population Density:   | 192 people/km <sup>2</sup>      |

#### Area Description

Hengoed Ward is located to the west of Llanelli Town Centre and comprises the areas of Pwll, Sandy and Furnace.

Generally urban along the coastal strip, with pastoral agriculture on higher land to the north. Large housing development is currently being constructed on the former Stradey Rugby Field.

Contains the Main Rivers Dulais and Cille which together with the tide poses the main flood risk in this area. The Main Rivers and tidal flooding are not within the scope of this report as they are managed by NRW.

#### Flood History

Flooding from the River Dulais in Pwll and severe flooding in the Sandy Road from the Cille prior to the Cille Bypass culvert being constructed.

Incidents of surface water flooding in Pwll, Sandy Road, Iscoed Pen y Wern.

#### Policy Units in Ward

There are 2 No. Policy Units identified in this Ward:

- Pwll
- Iscoed & Sandy Road

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

| Criteria    | Total at-risk Property Count | Dwellings affected | Community Services |
|-------------|------------------------------|--------------------|--------------------|
| High Risk   | 135                          | 99                 | 0                  |
| Medium Risk | 229                          | 157                | 0                  |
| Low Risk    | 448                          | 336                | 0                  |

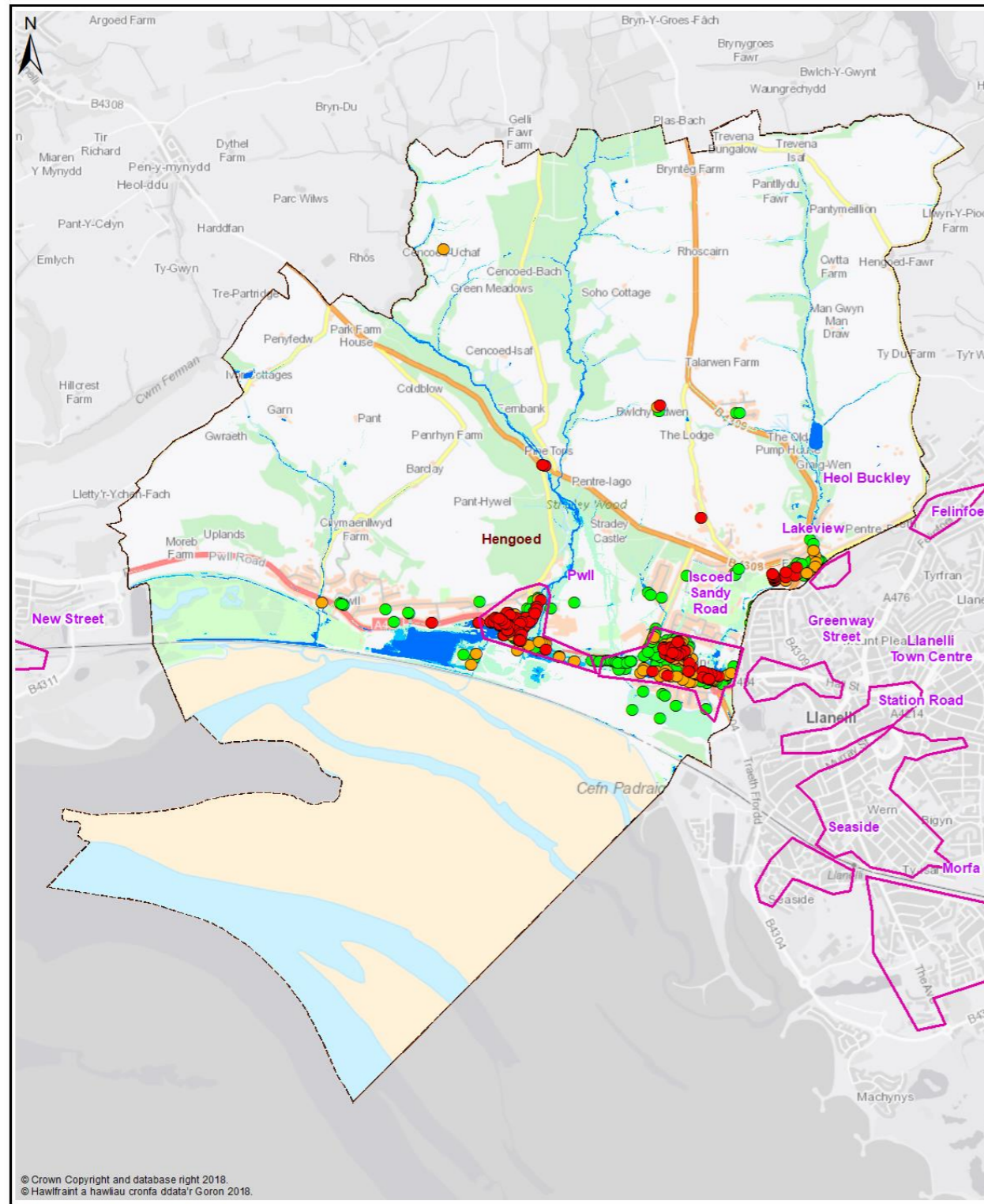
Breakdown by Policy Unit refer to Appendix E.

#### Other risk management authorities

DCWW has identified flood risk at the following locations:

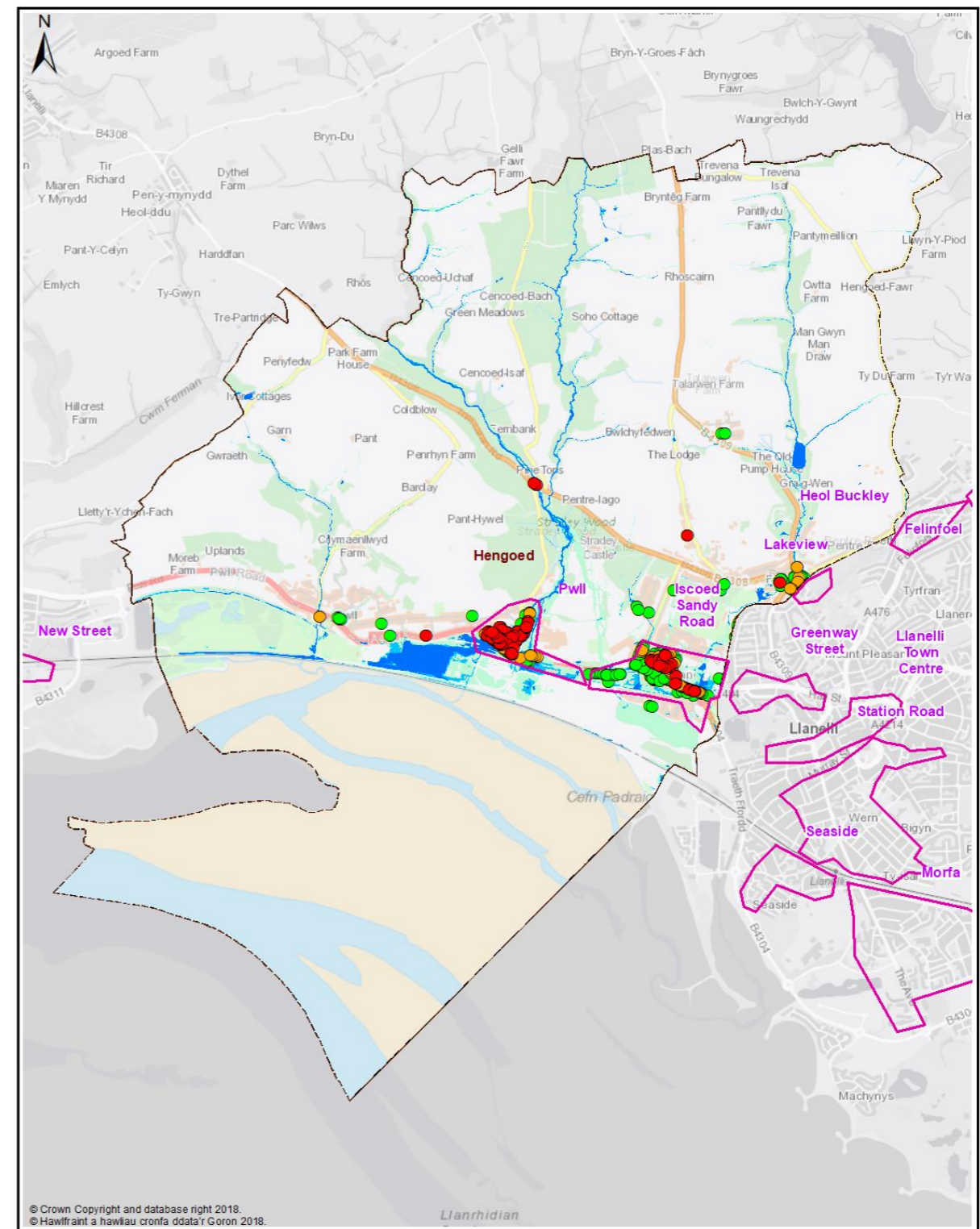
- Gerycoed, Llanelli
- Sandy Road, Llanelli
- Bassett Terrace, Pwll, Llanelli
- Stradey Road, Llanelli
- Maengwynne, Llanelli

NRW will continue to manage flood risk from Rivers Dulais and Cille as well as from tidal sources.



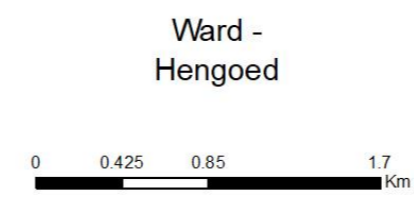
Map 1 - All Properties

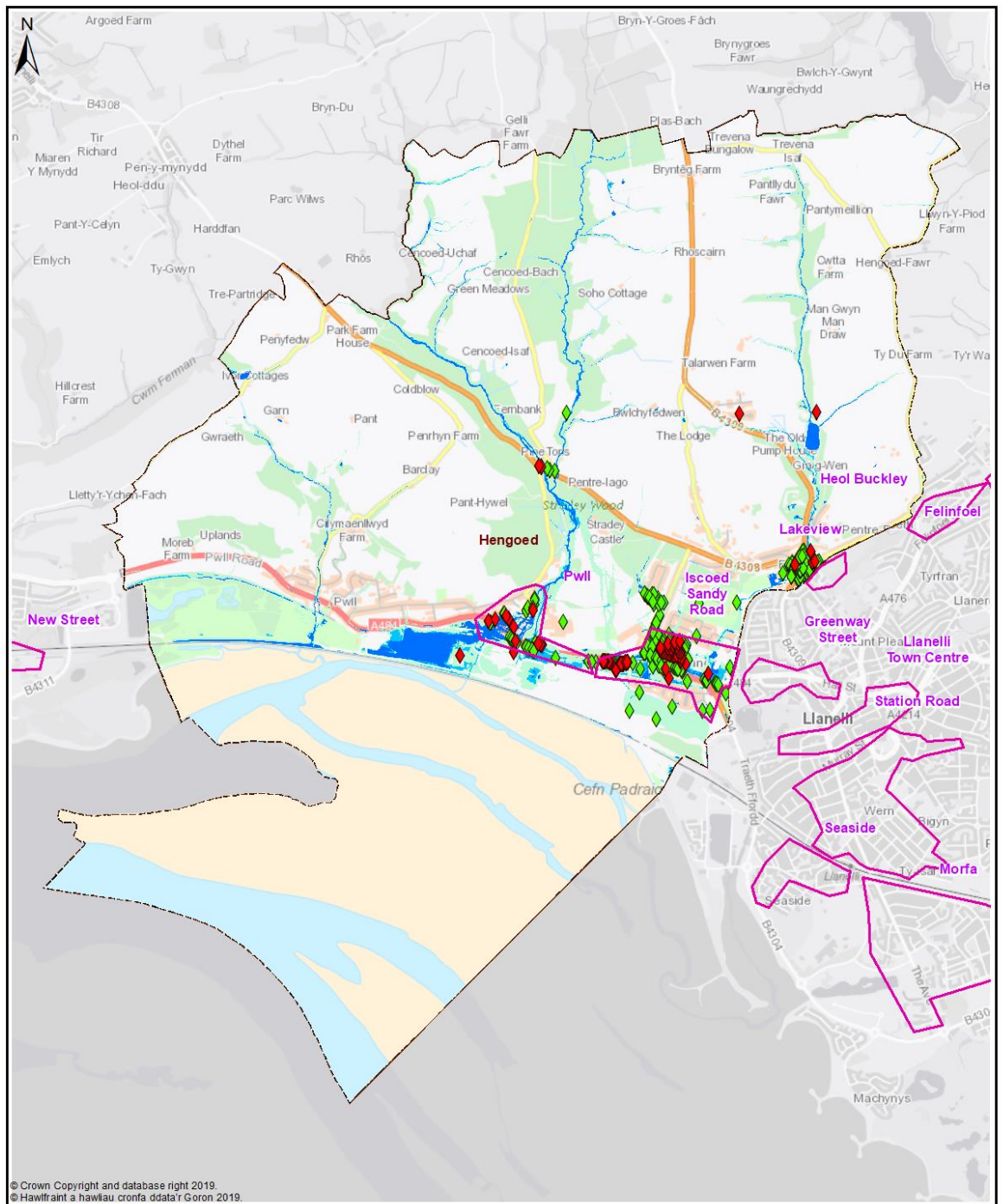
- Legend**
- Policy Unit
  - Ward
  - uFMFSW Q30 Surface Water Flood Outline 1 in 30 Probability Storm Event
  - uFMFSW Q100 Surface Water Flood Outline 1 in 100 Probability Storm Event
  - uFMFSW Q1000 Surface Water Flood Outline 1 in 1000 Probability Storm Event
  - Q30 All Property Classes Flood Depth 150mm or Greater
  - Q100 All Property Classes Flood Depth 150mm or Greater
  - Q1000 All Property Classes Flood Depth 150mm or Greater



Map 2 - Dwellings and Services

- Legend**
- 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





Map 3 - Communities at Risk Register

Legend

- 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
- ◆ CaRR Pluvial
- ◆ CaRR Fluvial

Ward -  
Hengoed

0 0.425 0.85 1.7 Km

**Hengoed - 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      | Ongoing   | Med  |
| M24     | Culvert inspections of existing assets & update / maintain Asset Register  | High     | Med       | Med  |
| M33     | 2 Policy Units identified for further review of potential alleviation actions                                    | Med      | 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   | Med      | Med       | Low  |
| M51     | Countywide recovery plans are in place. These will be triggered when appropriate                                 | Med      | Ongoing   | Low  |