

9.3.36 Llangennech

Community Council(s):	Llangennech
Councillor:	Gwyneth Thomas Gary Jones
Population:	5130 people
Area:	12.7 km ²
Population Density:	people/km ²

Area Description

Area to the north east of Llanelli adjacent to the Loughor estuary. Llangennech is at risk of flooding from several sources. Parts of Llangennech are low lying and subject to tidal flooding with the railway embankment provides a low level of protection. Land use in the catchment is predominately pastoral agriculture with forestry in the Morlais Valley.

The River Morlais also presents a significant risk to Llangennech. The Mwrwg River ordinary watercourse also presents a significant flood risk. A bypass culvert diverts storm flows away from the village to the Morlais River. Tidal flooding and Main River flooding are managed by NRW.

Flood History

Station Road in 2014 due to tide overtopping the railway line.

Station Road in 2011 due to partial blockage of the Mwrwg River railway culvert.

Bridge Inn from the Mwrwg River and surface water.

Policy Units in Ward

There is one Policy Unit identified in this Ward:

- Llangennech

Count Table (see Maps 1 & 2 below)

Criteria	Total at-risk Property Count	Dwellings affected	Community Services
High Risk	57	27	2
Medium Risk	127	87	2
Low Risk	320	237	4

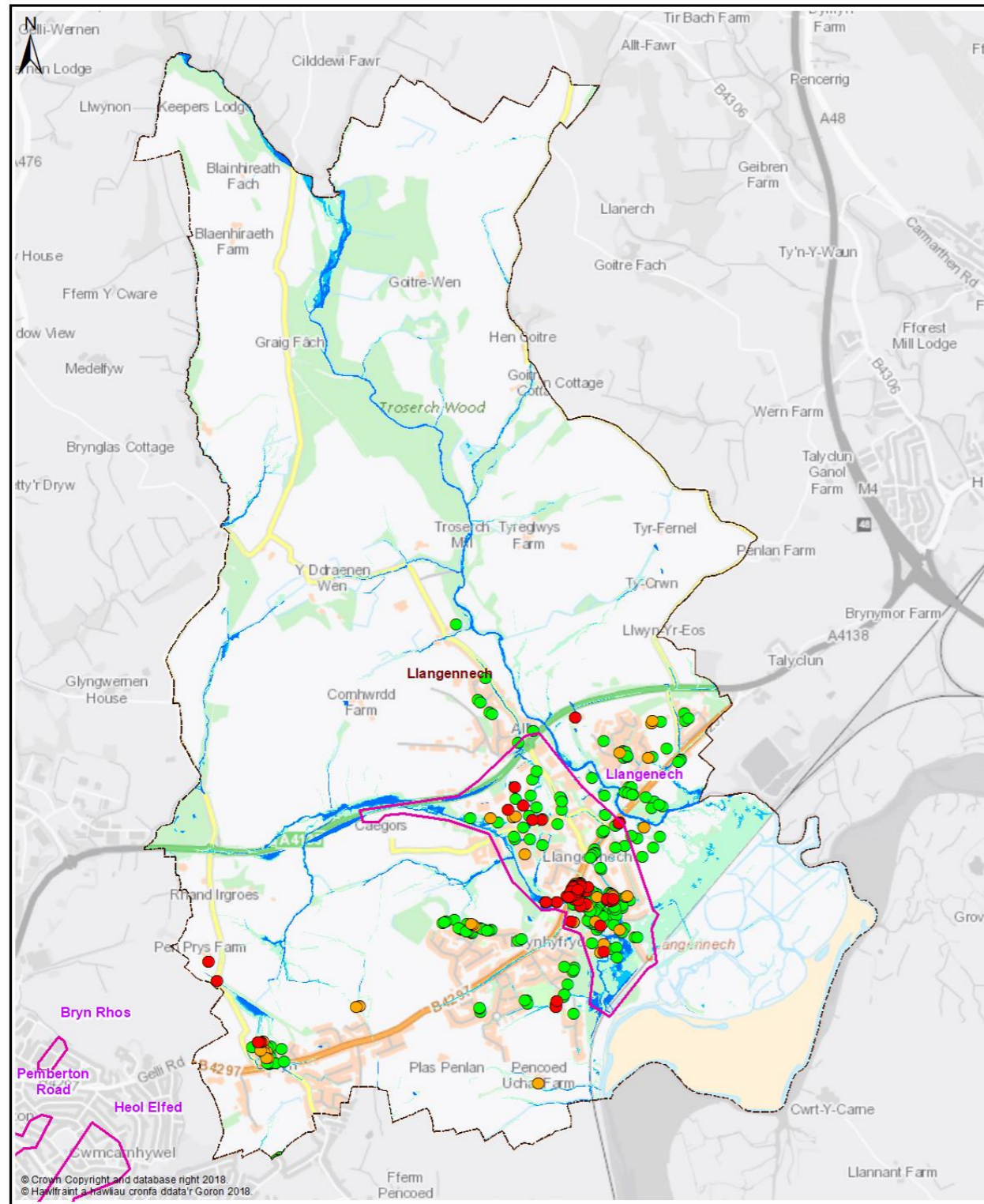
Breakdown by Policy Unit refer to Appendix E.

Other risk management authorities DCWW

DCWW has identified flood risk at the following locations:

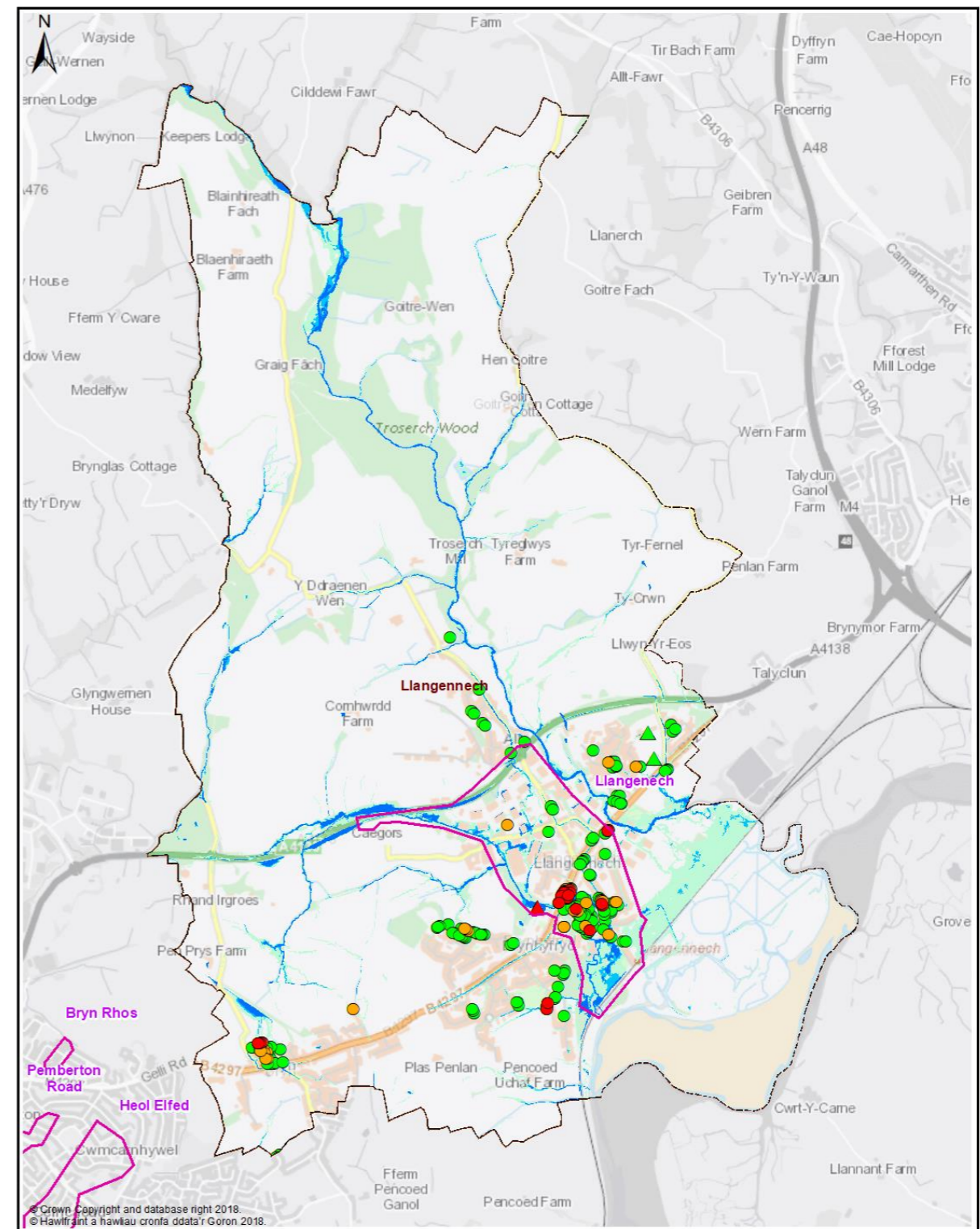
- Brynmead, Bryn, Llanelli
- Lllysfelin, Llangennech
- Station Road, Llangennech

NRW will continue to manage Flood Risk from the Loughor and Morlais Rivers and tidal sources.



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

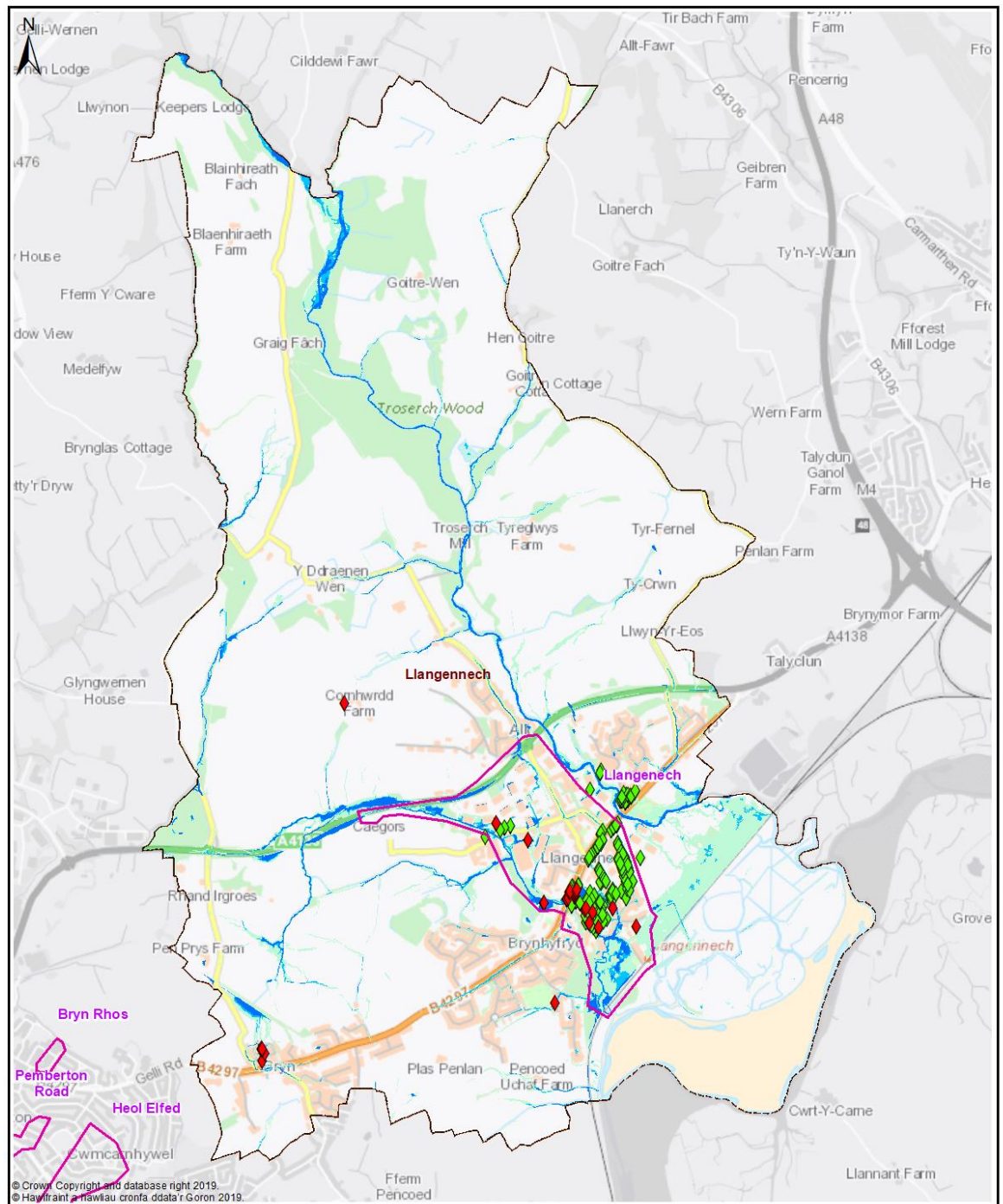


Map 2 - Dwellings and Services

- 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

Ward -
Llangennech





Map 3 - Communities at Risk Register

Legend

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

Ward -
Llangennech

0 0.325 0.65 1.3
Km

Llangennech - 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	High	Ongoing	Med
M22	Investigate options to reduce flood risk to community services	Med	Ongoing	Low
M24	Culvert inspections of existing assets & update / maintain Asset Register	High	Ongoing	Med
M33	Llangennech - Policy Unit 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 / tide	Med	Ongoing	Low
M51	Countywide recovery plans are in place. These will be triggered when appropriate	Med	Ongoing	Low