

### 9.3.4 Bigyn

Community Council(s)	Llanelli Town
Councillor:	Jeff Edmunds Eryl Morgan
Population:	4,633
Area	2.33 km <sup>2</sup>
Population Density	2,855 people/km <sup>2</sup>

#### Area Description

Bygin Ward is located within Llanelli and contains the areas of Pen Y Fan and Trostre. Land use is urbanised large residential areas and areas of residential retail park and industrial.

Historically the area was used for intensive industry and mining.

#### Flood History

There is a history of flooding of the Trostre Estate area and the Pen y Fan area.

#### Policy Units in Ward

There is one Policy Units identified in this Ward:

- Trostre Road and Gorsedd

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

Criteria	Total at-risk Property Count	Dwellings affected	Community Services
High Risk	73	62	0
Medium Risk	149	119	1
Low Risk	426	330	4

Breakdown by Policy Unit refer to Appendix E.

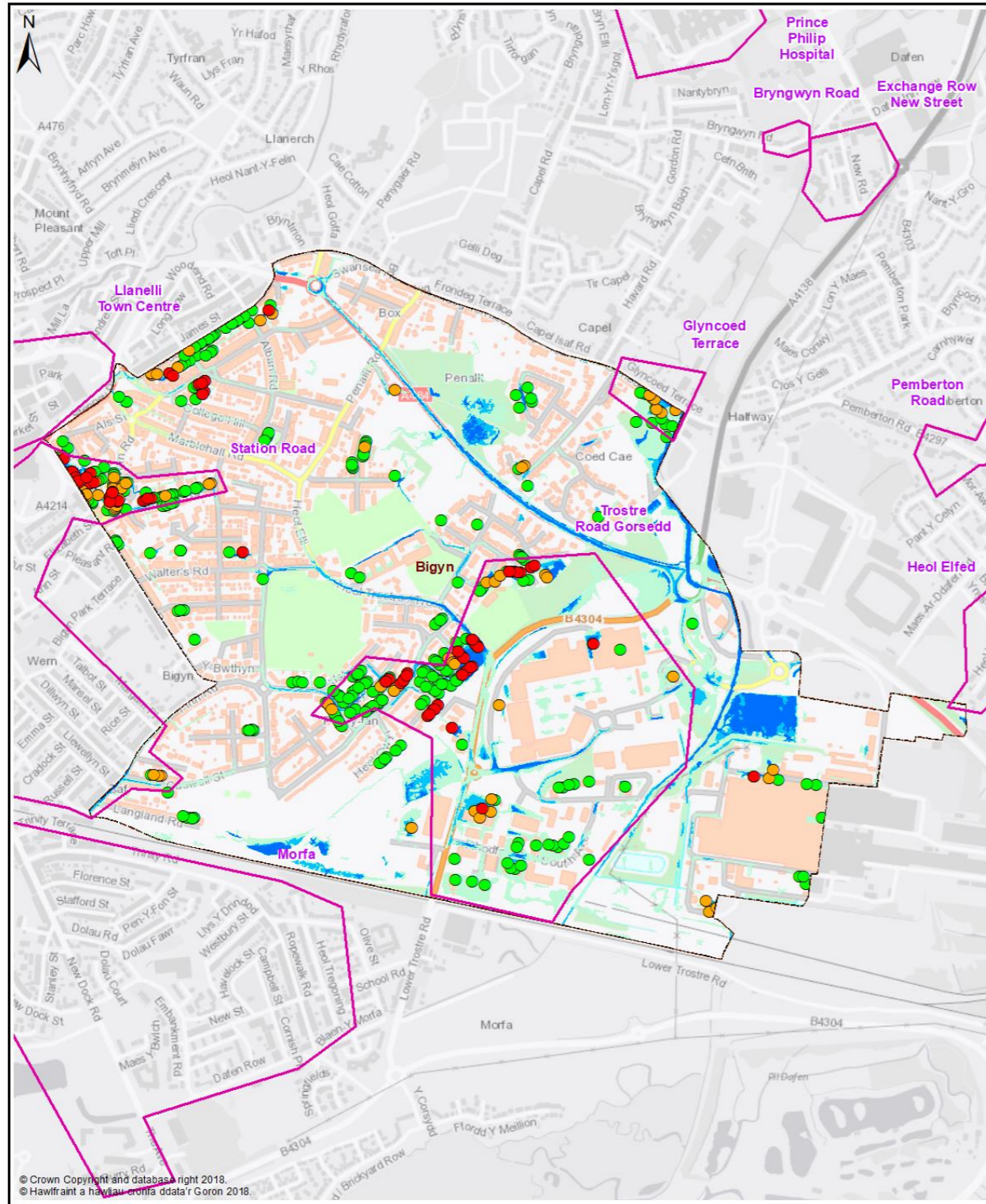
#### Other risk management authorities

DCWW; large areas of this ward are drained by the DCWW combined sewer system. DCWW has identified flood risk at the following locations:

- Caswell Street, Llanelli
- Fransham Street, Llanelli
- Heol Dinbych, Llanelli
- Pencae Terrace, Llanelli
- Trostre Industrial Park, Llanelli

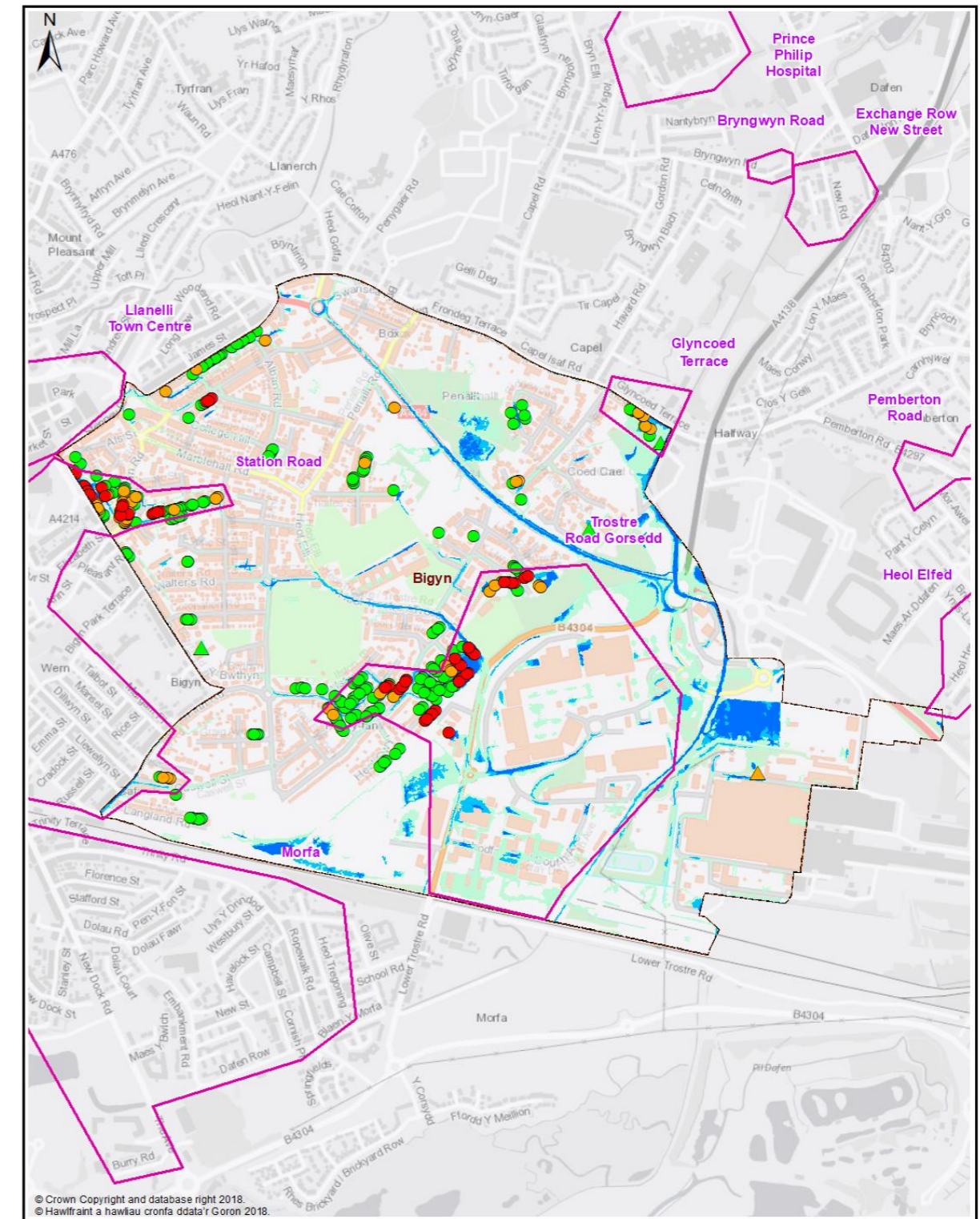
At the present time DCWW are investing large sums of money in Llanelli in their Rainscape Project. CCC will continue to work in partnership with DCWW on this project.

NRW will continue to take the lead and manage the flood risk from the Dafen River. NRW are currently working on a scheme to reduce flooding in this area.



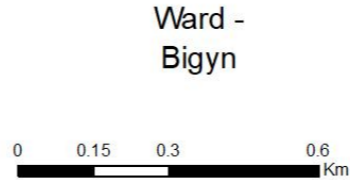
Map 1 - All Properties

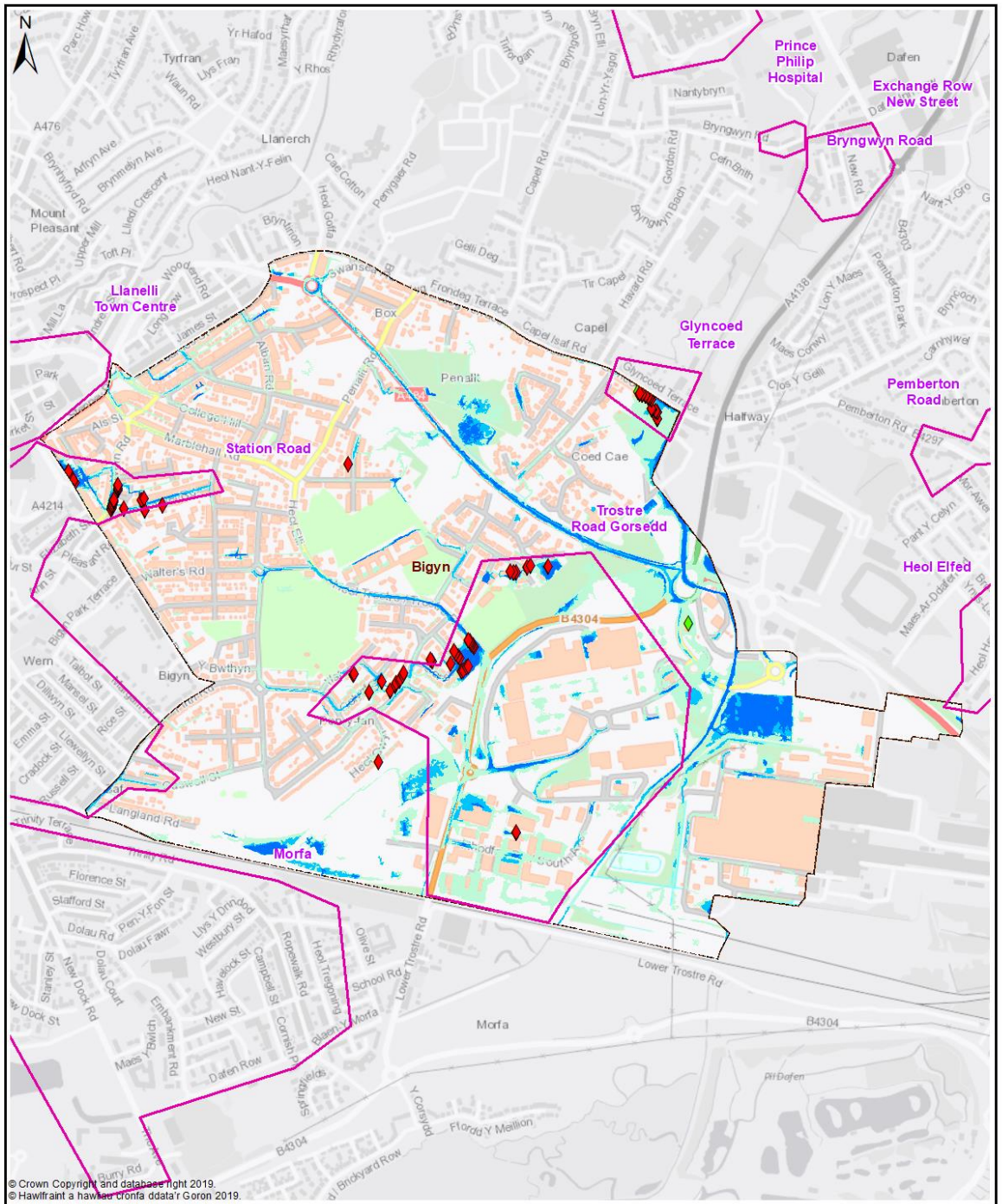
- Legend**
- Policy Unit
  - Ward
  - uFMSW Q30 Surface Water Flood Outline 1 in 30 Probability Storm Event
  - uFMSW Q100 Surface Water Flood Outline 1 in 100 Probability Storm Event
  - uFMSW Q1000 Surface Water Flood Outline 1 in 1000 Probability Storm Event
  - Q30 All Property Classes Flood Depth 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 -  
Bigyn



**Bigyn - Delivery Plan**

The following summarises actions proposed 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	Low
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	High	Med
M34	Continue to collaborate / assist DCWW progressing their Rainscape initiative.	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
M44	Liaison with major retail operators to raise awareness and preparedness. Work with NRW Flood Awareness team	Med	Med	Low
M51	Countywide recovery plans are in place. These will be triggered when appropriate	Med	Ongoing	Low