

20 Elli Ward, Llanelli Town Centre Policy Unit

20.1 Area Description

The Llanelli Town Centre Policy Unit is predominately mixed retail. Main characteristics from a flood perspective is the Main River Lleidi that is culverted through the town centre for a distance of approximately 700m.

The presence of the Swiss Valley Reservoirs are a significant feature of this catchment and will attenuate flood flows reducing the risk of flooding from the River Lleidi.

In the town centre DCWW have a 1200mm combined sewer and they are currently in the process of constructing a tunnel along the route Station Road to cater for surface water from parts of this area.

20.2 Why is this area a Flood Risk Policy Unit?

The uFMfSW (EA, 2013) highlight this area to be at risk of flooding. These surface water flood maps are useful in highlighting the flood risk from small watercourses.

High numbers of properties are indicated to be at risk of flooding, but the drainage infrastructure is primarily managed by NRW (Main River Lleidi Culvert) and DCWW via the surface and combined sewer network.

20.3 Flooding Events

None Recorded by CCC

20.4 Flood Defence Capital Works undertaken by CCC

No works have been undertaken by CCC

20.5 Flood Defence Capital Works undertaken by Partner Organisations

At the time of writing DCWW are in the process of constructing the Station Road Surface Water scheme.

20.6 Flood Defence Assets

- Lleidi Culvert – Main River NRW lead
- Combined Sewer System DCWW



20.7 Routine Works and Maintenance

None

20.8 Proposed Future Works

Continue to liaise and co-operate with DCWW to deliver the Rainscape Project.

20.9 Flood Risk

20.9.1 Map 1: Total Properties

Map 1 over the page displays data on the total number of properties at risk of flooding. Total properties can include dwellings, garages, commercial premises, industrial premises and similar structures.

20.9.2 Map 2: Dwellings and Services

Map 2 below displays data on the residential properties and services at risk of flooding.

20.9.3 Map 3: Community at Risk Register (CaRR)

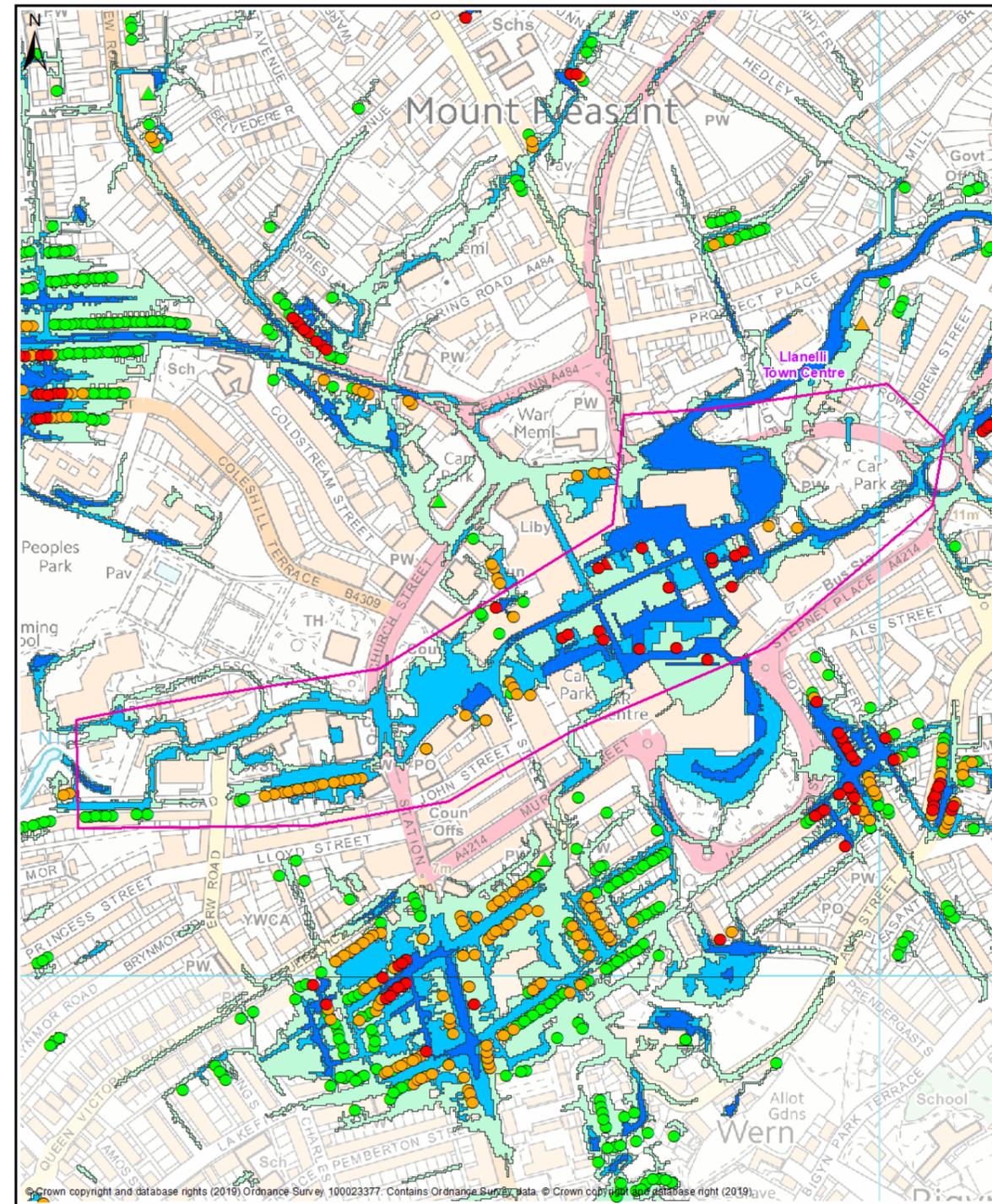
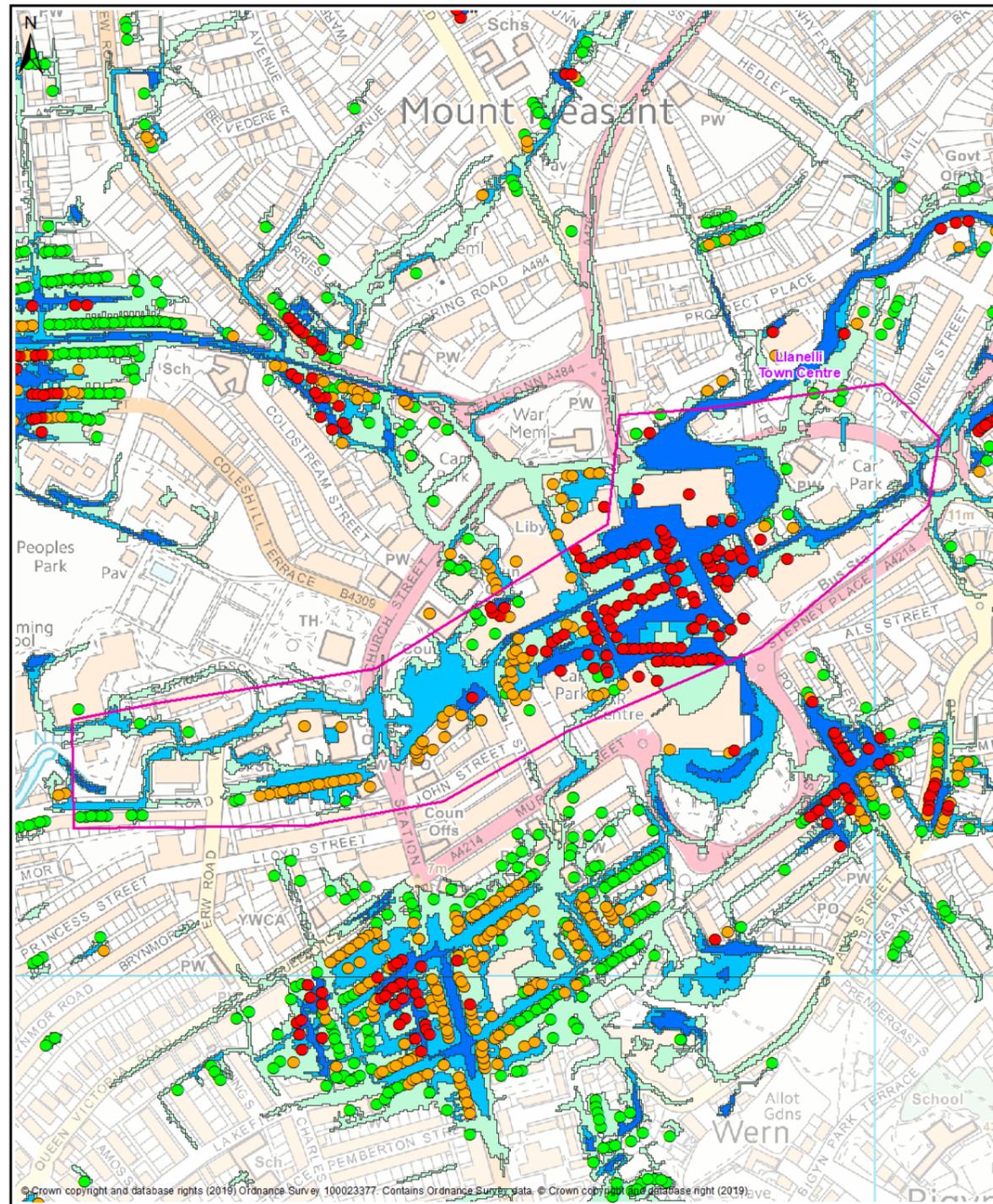
This is the most recent flood mapping from Welsh Government. This dataset depicts all properties at risk of pluvial (surface water) flooding in a storm event with a 1 in 100 probability.

	Number of specified units at risk of flooding		
	1 in 30 probability storm event	1 in 100 probability storm event	1 in 1000 probability storm event
Map 1 Total Properties	148	257	296
Map 2 Dwellings and Services	53	122	137
Map 3 CaRR	n/a	151 Pluvial 241 Fluvial	n/a

20.10 Environmental Considerations

20.11 Biodiversity

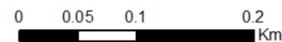
Dredging has been discounted on environmental grounds as well as being an unsustainable flood defence measure.



Map 1 - All Properties

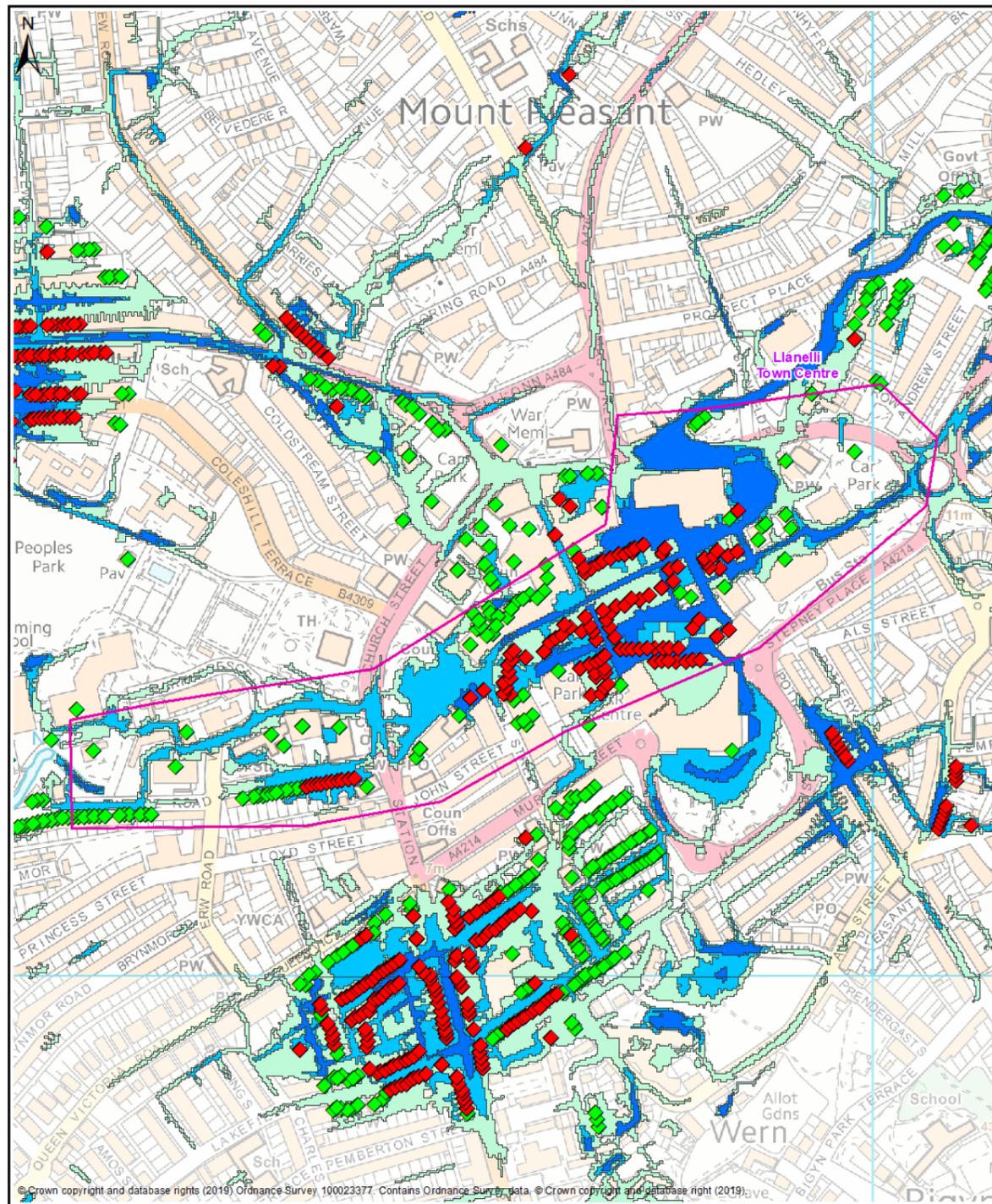
- Legend**
- Policy Unit
 - uFMISW Q30 Surface Water Flood Outline 1 in 30 Probability Storm Event
 - uFMISW Q100 Surface Water Flood Outline 1 in 100 Probability Storm Event
 - uFMISW Q1000 Surface Water Flood Outline 1 in 1000 Probability Storm Event
 - Q30 All Property Classes Flood Depth 150mm or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

Elli Ward
Llanelli Town Centre Policy Unit



Map 2 - Dwellings and Services

- Legend**
- Policy Unit
 - uFMISW Q30 Surface Water Flood Outline 1 in 30 Probability Storm Event
 - uFMISW Q100 Surface Water Flood Outline 1 in 100 Probability Storm Event
 - uFMISW 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
 - 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
 - ◆ CARR Pluvial
 - ◆ CARR Fluvial

Elli Ward
Llanelli Town Centre Policy Unit

