

39 Llanybydder Ward, Station Road Policy Unit

39.1 Area Description

Llanybydder is a market town and community that straddles the River Teifi and this forms the boundary with Ceredigion County Council. The Station Road area comprises a terrace of residential houses upstream of the Teifi River Bridge and backs onto the floodplain.

39.2 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.

The area of Station Road is low lying and near to the River Teifi.

Although Surface Water flood maps indicate that this area could flood as a result of surface water at higher return periods, flooding from the main river will occur prior to this.

The bridge and highway embankment forming Highmead Terrace reduce the floodplain capacity immediately downstream of Station Road.

It is worth noting that in the October 2018 floods properties downstream of the bridge were not affected but are shown on the uFMfSW to be at higher risk than Station Road itself.

39.3 Flooding Events

In October 2018 this area suffered serious flooding due to the River Teifi bursting its banks; 32 residential properties were affected. Prior to this Carmarthenshire had no record of flooding at this location.

39.4 Flood Defence Capital Works undertaken by CCC

None

39.5 Flood Defence Capital Works undertaken by Partner Organisations

None

39.6 Flood Defence Assets

Carmarthenshire has none in this location.

39.7 Routine Works and Maintenance

None

39.8 Proposed Future Works

Map surface water drainage network.

Liaise with NRW regarding any potential to reduce the severity and frequency of flooding.

39.9 Flood Risk

39.9.1 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.

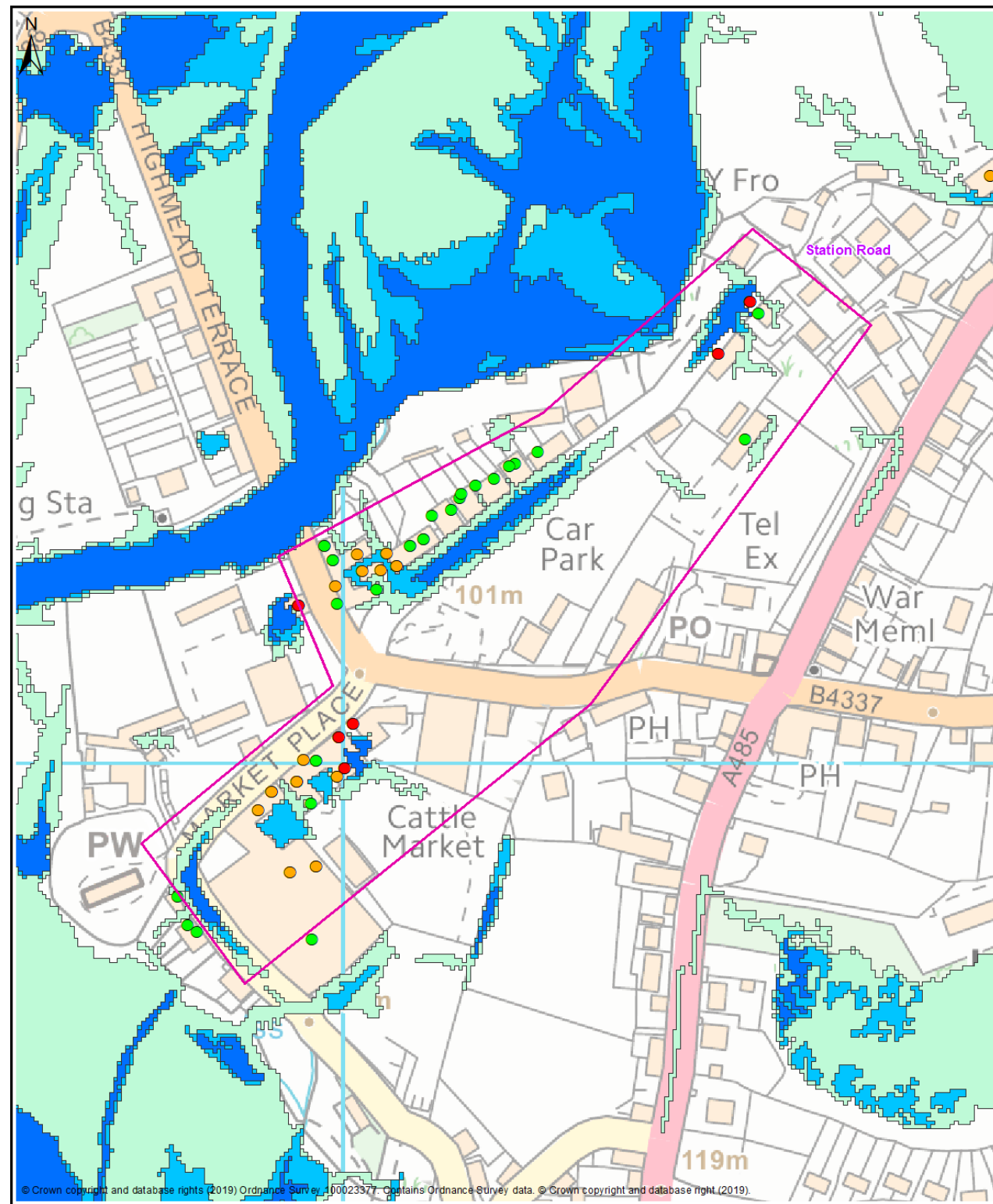
39.9.2 Map 2: Dwellings and Services

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

39.9.3 Map 3: Community at Risk Register (CaRR)

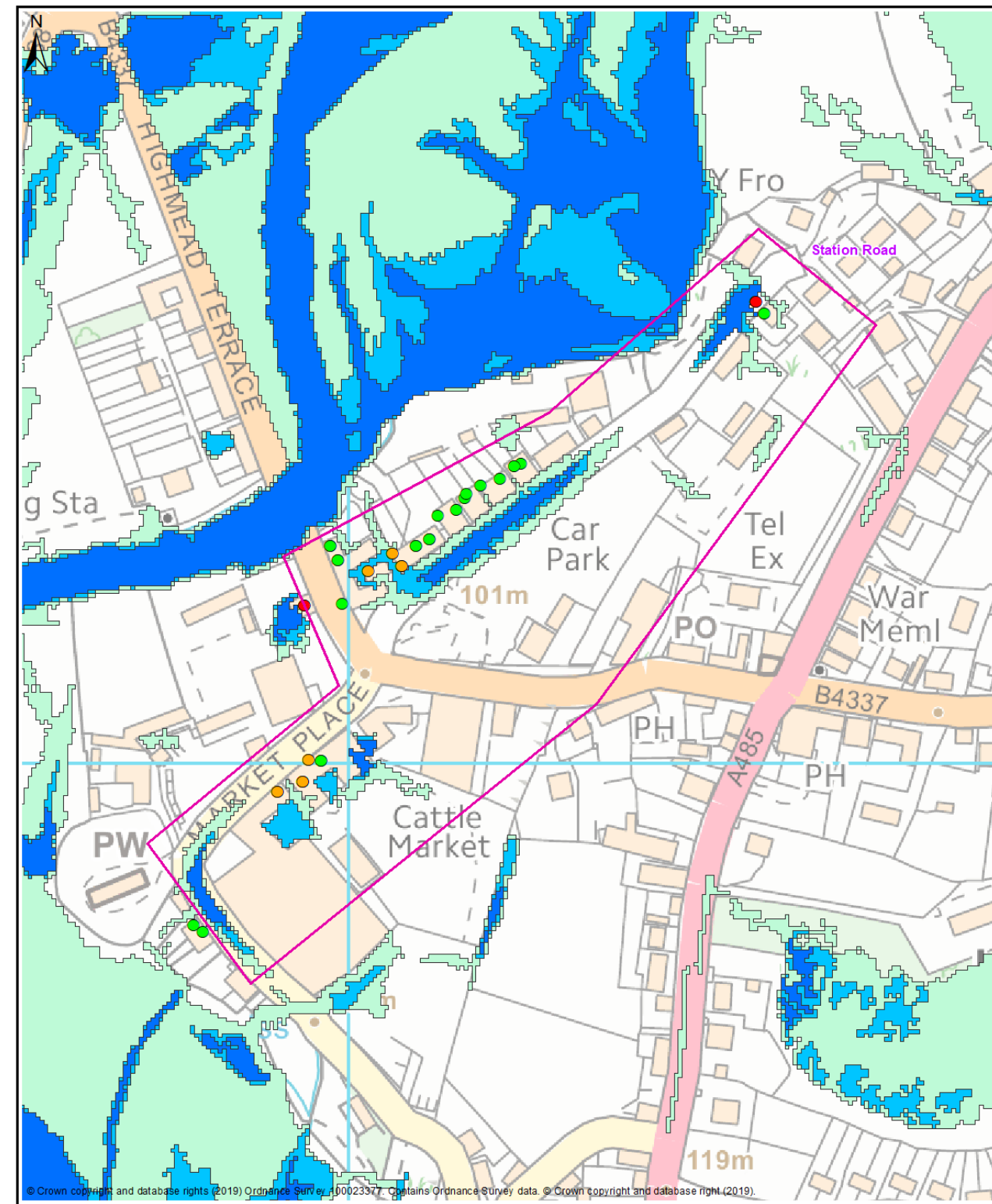
This is the most recent flood mapping from Welsh Government. This dataset depicts all properties at risk of pluvial (surface water) flooding in a storm event with a 1 in 100 probability.

	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	5	23	47
Map 2 Dwellings and Services	1	12	32
Map 3 CaRR	n/a	1 Pluvial 51 Fluvial	n/a



Map 1 - All Properties

- 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
 - 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

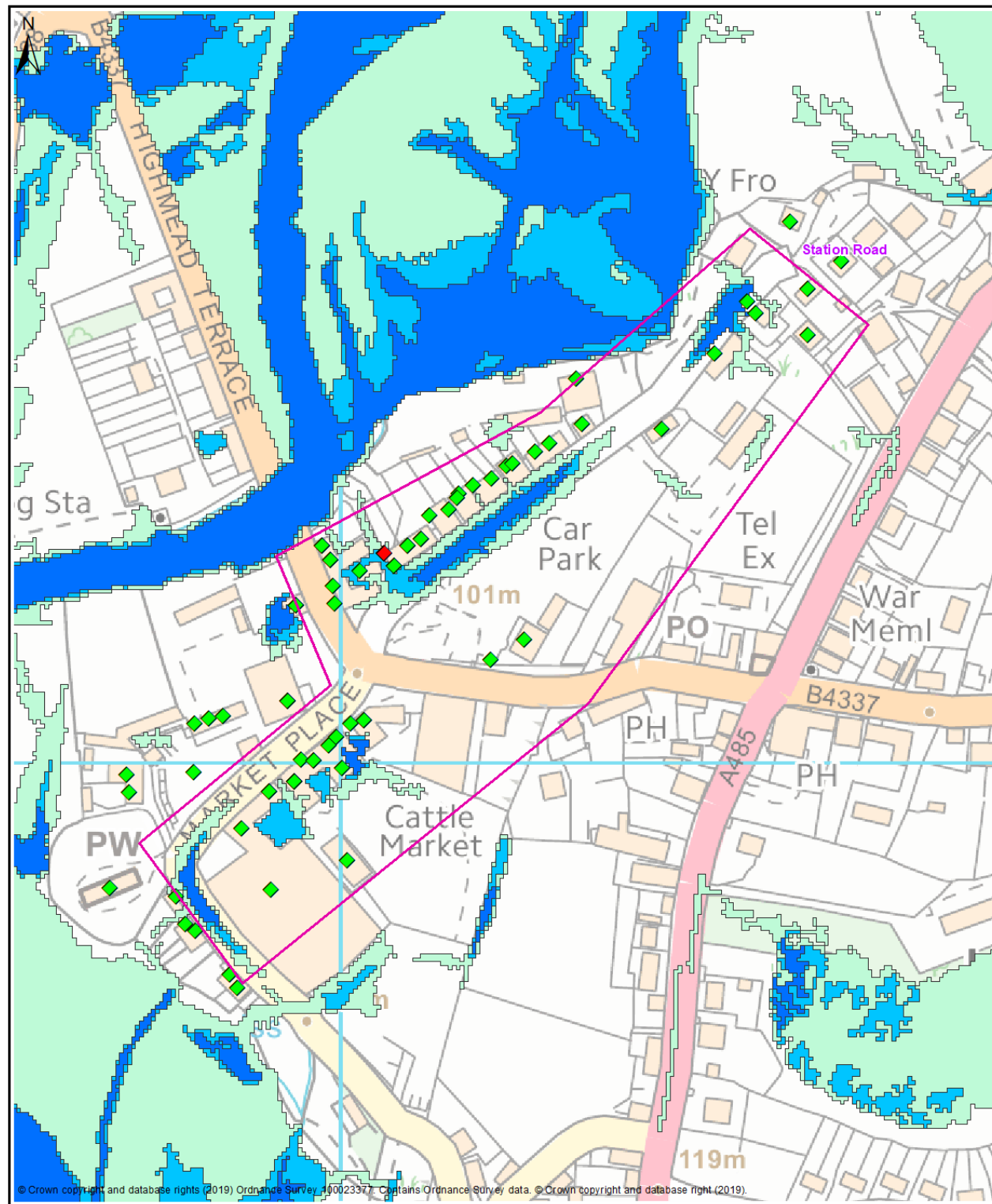


Map 2 - Dwellings and Services

- Legend**
- Policy Unit
 - 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

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Map 3 - Communities at Risk Register

- 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
 - ◆ CARR Pluvial
 - ◆ CARR Fluvial

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