

21 Felinfoel Ward, Felinfoel Policy Unit

21.1 Area Description

The Felinfoel Policy Unit comprises the catchment associated with the Afon Lliedi watercourse, which is a Main River. This watercourse originates north of Felinfoel and flows in an open channel. The area is low lying.

21.2 Why is this area a Flood Risk Policy Unit?

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

At Felinfoel the risk is from surface water flowing along the highway network and pooling and flooding the highway and properties in the lower lying areas.

In addition to this there is a fluvial risk of flooding from the Afon Lliedi although the flows are attenuated from the nearby reservoir.

21.3 Flooding Events

2001: Flooding of the basement at 8 Panteg, Felinfoel.

21.4 Flood Defence Capital Works undertaken by CCC

2002: Relining short length of culvert nearby 8 Panteg, Felinfoel.

21.5 Flood Defence Assets

None

21.6 Routine Works and Maintenance

None

21.7 Proposed Future Works

Undertake CCTV surveys of the drainage network to ascertain asset owners and responsibilities.

21.8 Flood Risk

21.8.1 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.

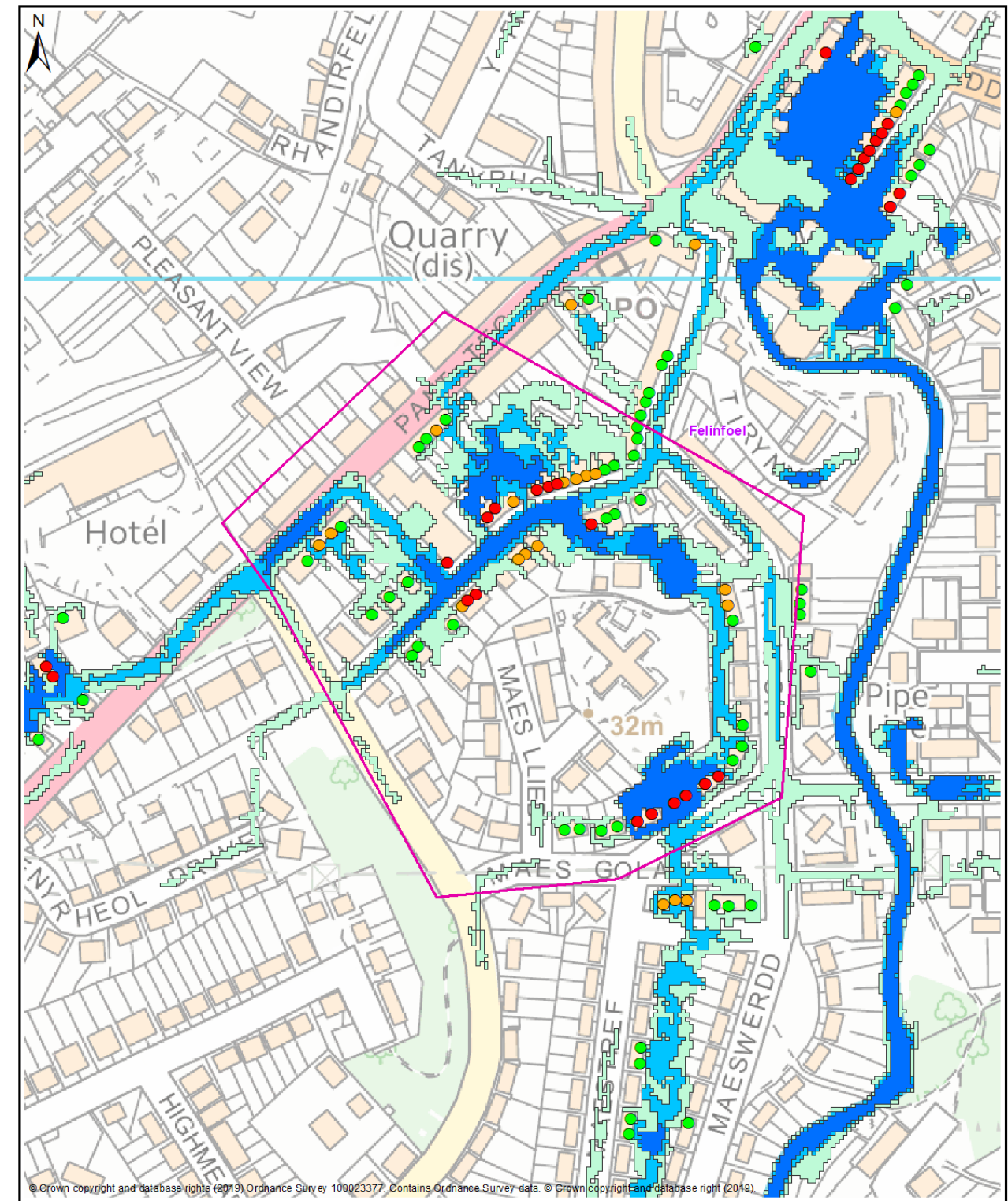
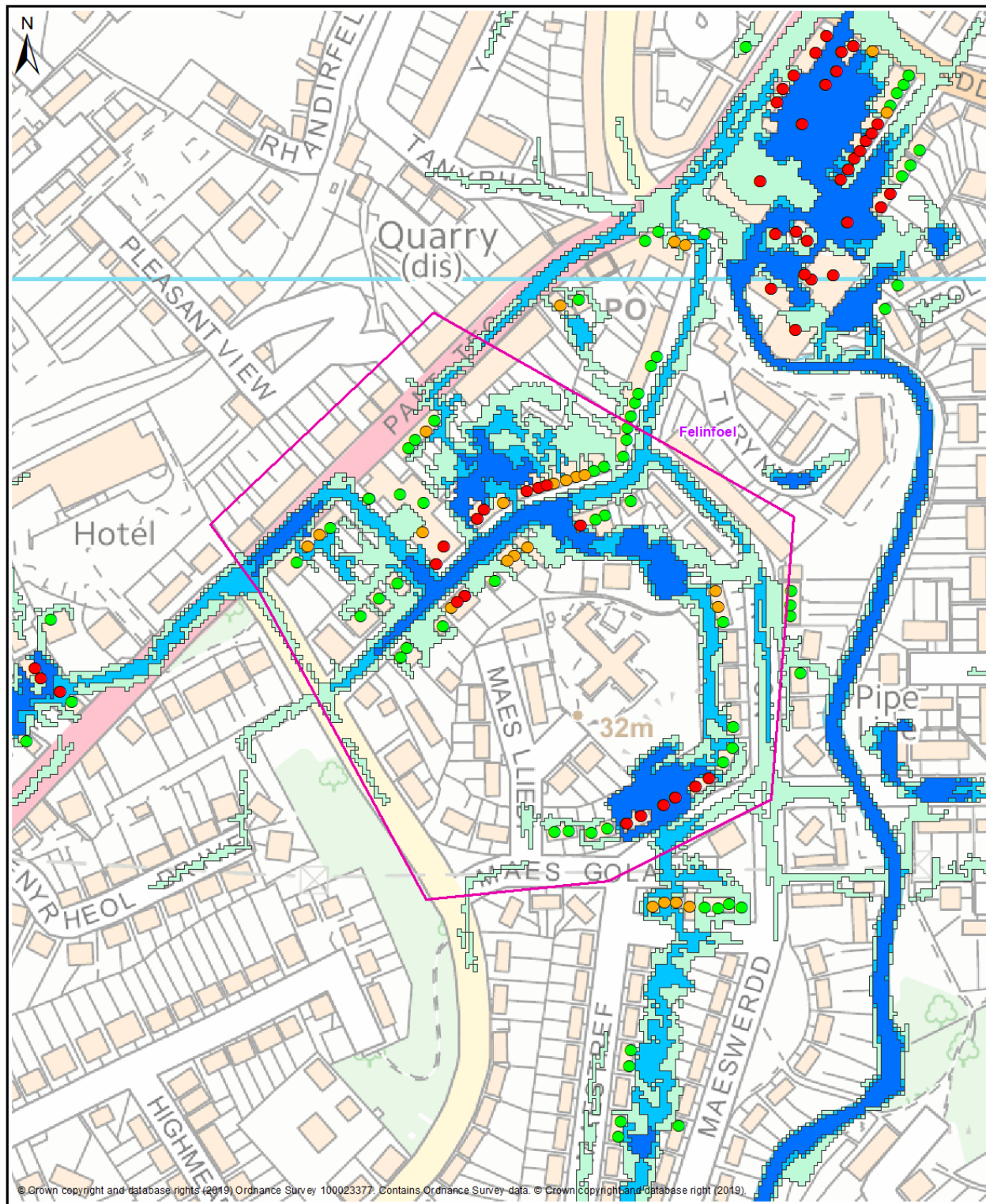
21.8.2 Map 2: Dwellings and Services

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

21.8.3 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	17	32	65
Map 2 Dwellings and Services	16	30	57
Map 3 CaRR	n/a	2	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

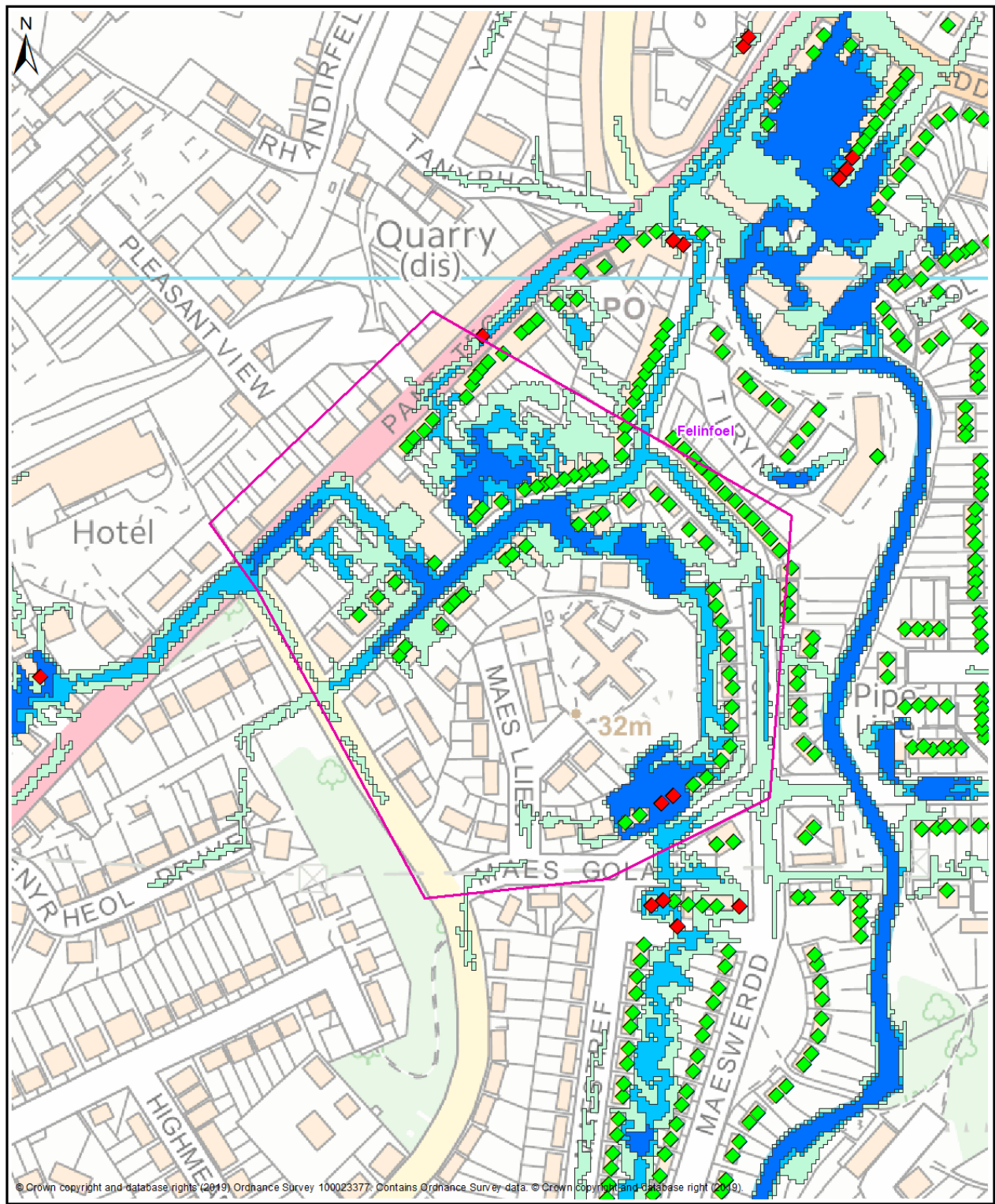
Felinfoel Ward
Felinfoel Policy Unit



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

Map 2 - Dwellings and Services



Map 3 - Communities at Risk Register

