

48 Pontamman Ward, Arthur Street Policy Unit

48.1 Area Description

The Arthur Street Policy Unit comprises the catchment associated with an unnamed ordinary watercourse. This watercourse originates north of Myddynfych, Ammanford. It flows initially in an open channel before being culverted at Arthur Street. It is culverted beneath Arthur Street, College Street and Station Road before discharging back into an open watercourse on private land at the rear of Lon Tir-T-Dail.

48.2 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 from small watercourses.

At Myddynfych, the highway and dwellings are below the level of the neighbouring watercourse. As such there is a risk that any water overtopping the river bank will impact on the highway and neighbouring properties. In addition to this, culverted sections of watercourse are at risk of blockage and blockages can result in flooding.

Upstream of Myddynfych there are a number of private culverts. The blockage of any one of these could result in water being forced out of channel. This water could flow towards neighbouring properties.

There is also a risk of blockage at the Arthur Street culvert.

48.3 Flooding Events

CCC have no record of any flooding in this area.

48.4 Flood Defence Capital Works undertaken by CCC

2005 the Arthur Street trash screen was upgraded.

48.5 Flood Defence Assets



48.6 Routine Works and Maintenance

Area	Works Undertaken	When
Myddynfych	Watercourse trashing and grass cutting	Annually
Arthur Street Trash Screen	Formal T98 Inspection	Annually
	Debris management	Weekly in the winter Monthly in the summer
Arthur Street Culvert	CCTV camera survey	2018
Arthur Street Outfall	Formal T98 Inspection	Annually

48.7 Proposed Future Works

Undertake CCTV camera survey and action any structural or service faults on a risk-based basis.

48.8 Flood Risk

48.8.1 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.

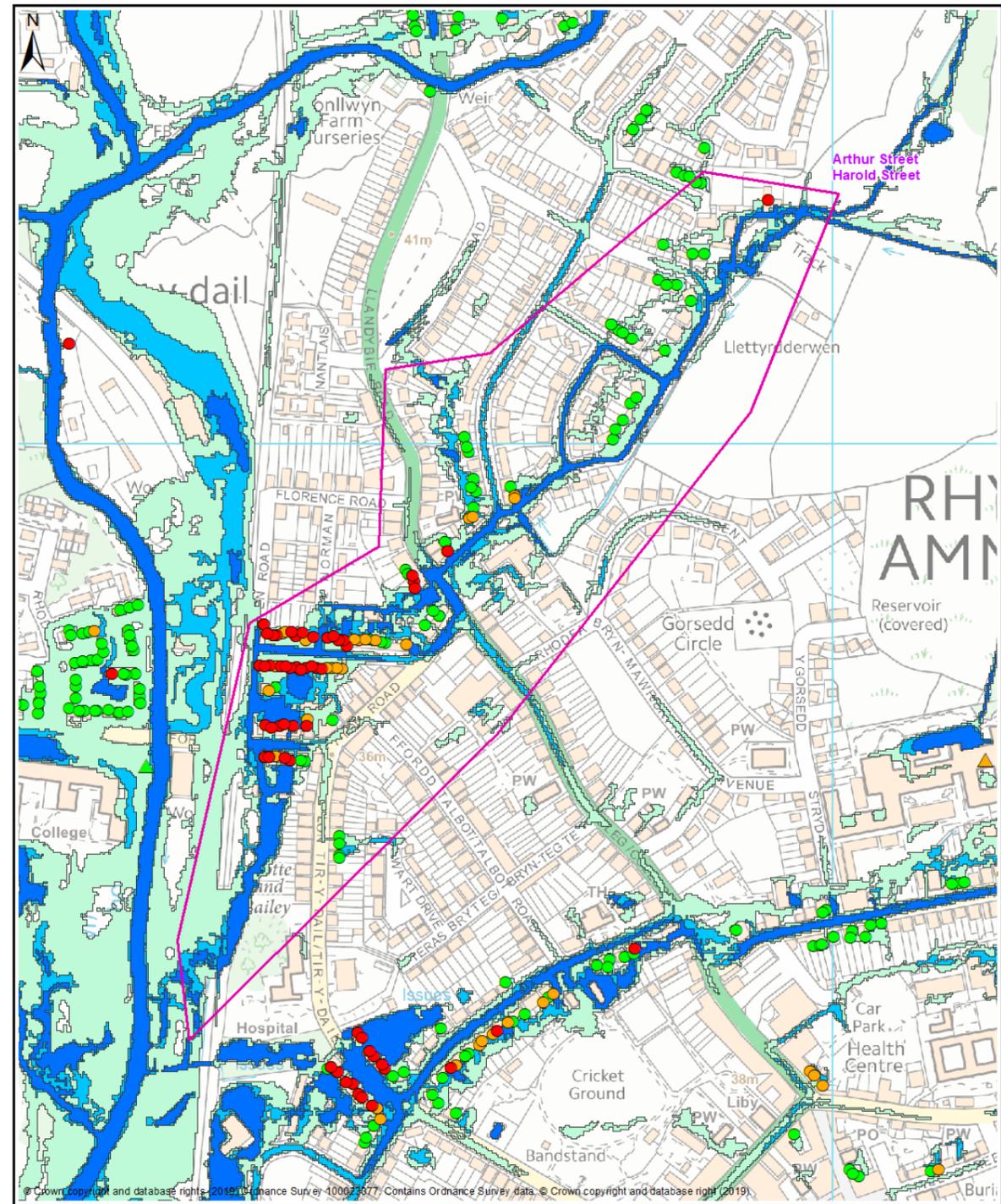
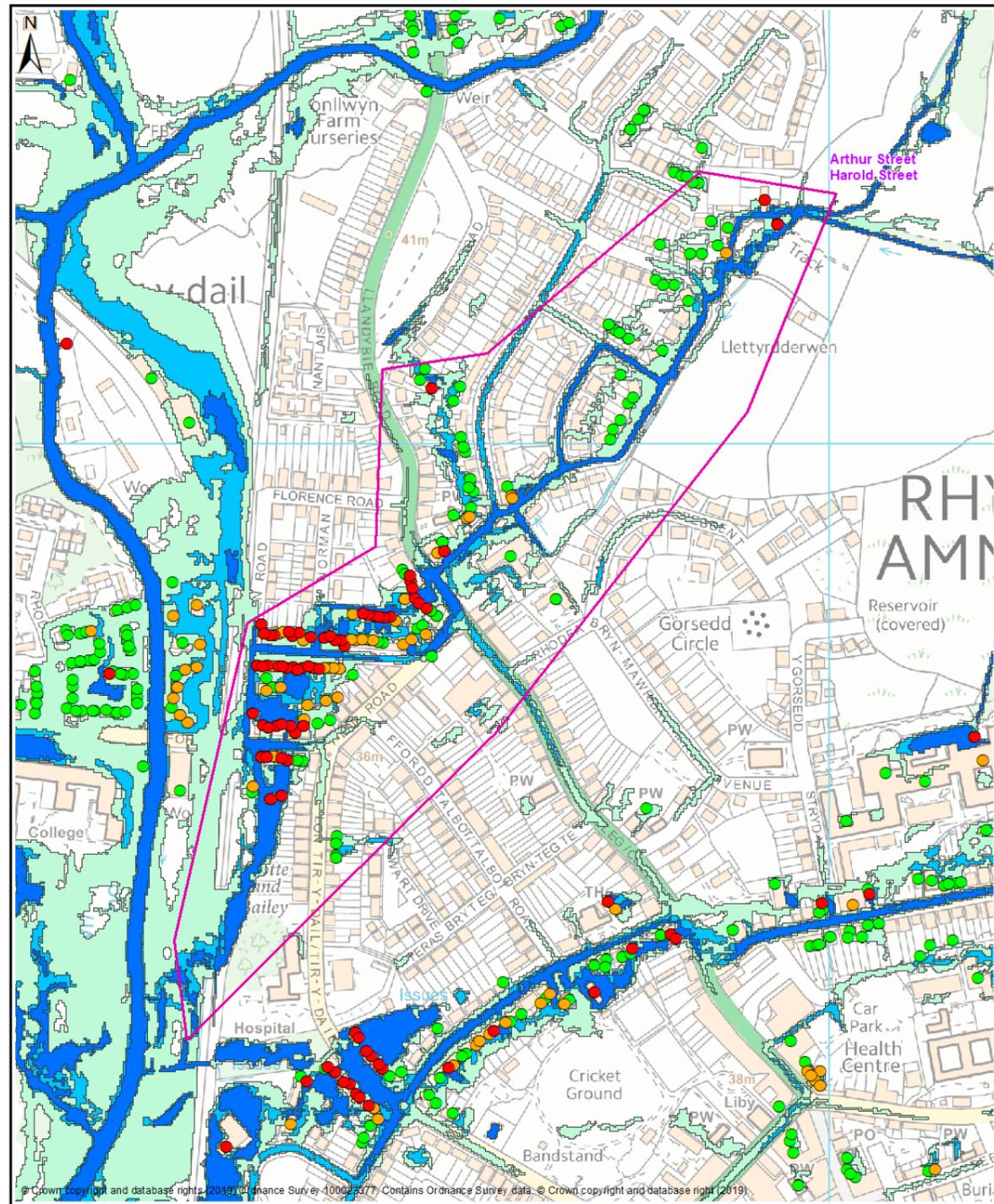
48.8.2 Map 2: Dwellings and Services

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

48.8.3 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.

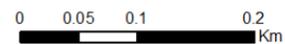
	Number of specified units at risk of flooding		
	1 in 30 probability storm event	1 in 100 probability storm event	1 in 1000 probability storm event
Map 1 Total Properties	60	93	165
Map 2 Dwellings and Services	45	66	119
Map 3 CaRR	n/a	41 Pluvial 278 Fluvial	n/a



Map 1 - All Properties

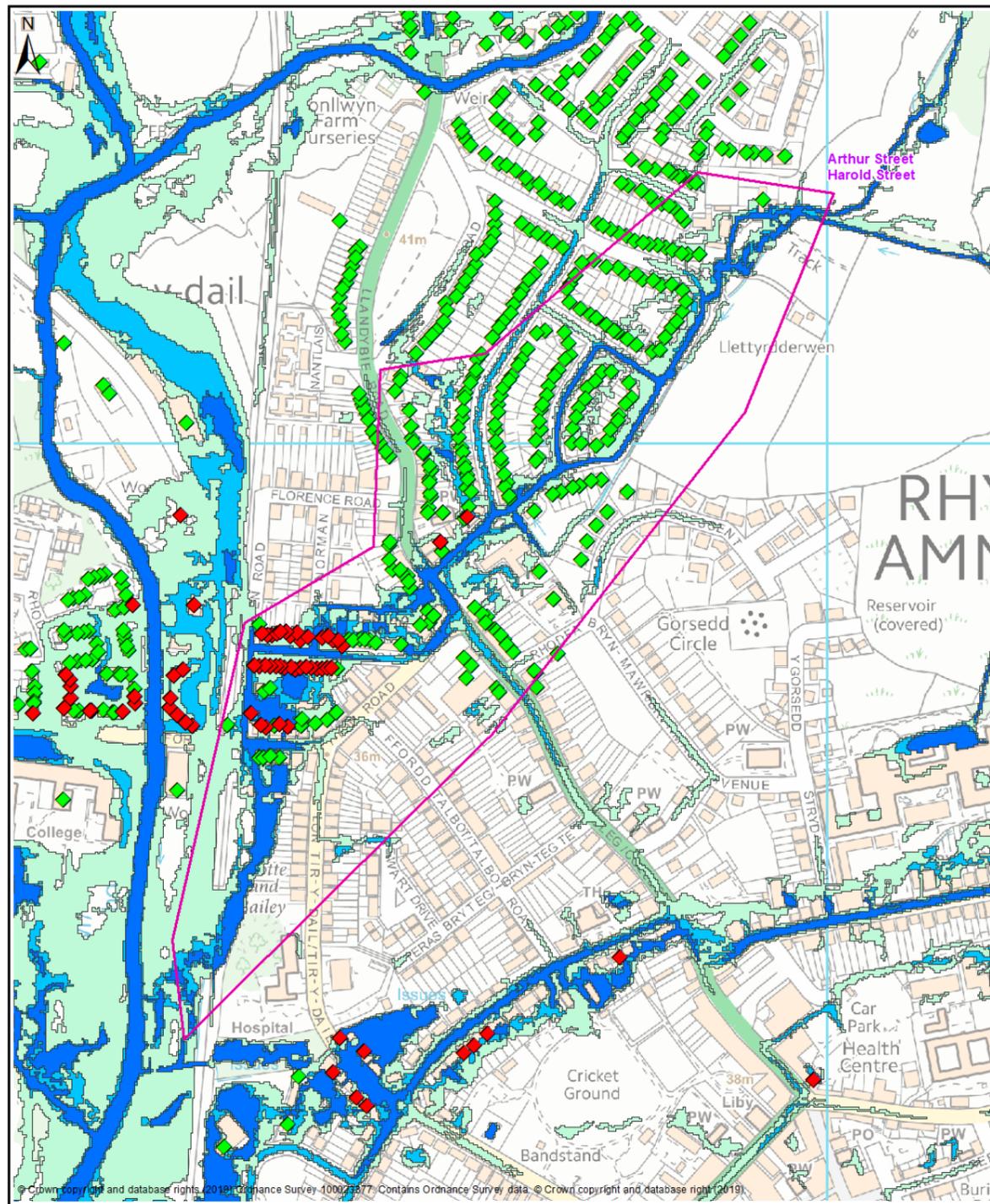
- Legend**
- Policy Unit
 - uFMSW Q30 Surface Water Flood Outline 1 in 30 Probability Storm Event
 - uFMSW Q100 Surface Water Flood Outline 1 in 100 Probability Storm Event
 - uFMSW Q1000 Surface Water Flood Outline 1 in 1000 Probability Storm Event
 - Q30 All Property Classes Flood Depth 150mm or Greater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

**Pontamman Ward
Arthur Street Harold Street Policy Unit**

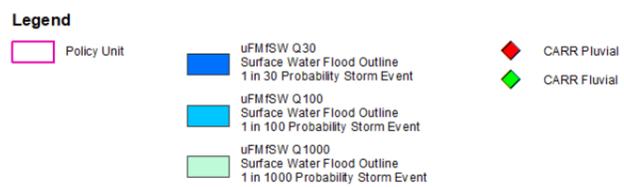


Map 2 - Dwellings and Services

- 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



Map 3 - Communities at Risk Register



Pontamman Ward
Arthur Street Harold Street Policy Unit

