

6 Ammanford Ward, Iscennen Road & Margaret Street Policy Unit

6.1 Area Description

The Iscennen Road and Margaret Street Policy Unit comprises two catchments associated with unnamed ordinary watercourses.

The primary watercourse originates north of Dyffryn Amman Comprehensive School. It flows initially in an open channel before being culverted beneath the school's entrance. There is a small open channel section before it is again culverted at the rear of the Catholic Church on Margaret Street. It is culverted beneath properties on Margaret Street, College Street and Iscennen Road. There is another short open channel section to the rear of No.21 Iscennen Road before the final culverted section under Lon Tir-Y-Dail and west of the River Loughor.

The second watercourse originates west near Wern Ddu. It flows in an open channel before being culverted at the rear of Margaret Street Primary School. From there it is culverted along the northern boundary of the school to Margret Street, south to Walters Road and into the rear garden of No.29 Margret Street where it discharges into an open watercourse. The open watercourse flows through multiple gardens along Walters Road, beneath High Street and south before discharging into the River Aman.

6.2 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. The flooding that has been recorded/ witnessed correlates closely with the surface water flood model. There is a potential for significant blockages to the local assets due to a large amount of stone and shale that is conveyed by the watercourses during severe weather.

It has been observed that surface water can run down access roads to the rear of residential properties and cause minor flooding to rear gardens. There has been no record of internal flooding at these locations. The flood map indicates that the potential extent of flooding increases as you approach the western end of Iscennen Road; reflecting the flat topography of this area relative to the surrounding land.

6.3 Flooding Events

There have been several incidents of flooding in this area. Current information suggests that these were predominately highway flooding incidents, although there is some anecdotal evidence of external property flooding.

According to local residents, flooding occurred at the Amman Valley Comprehensive trash screen due to a blockage.

In 2005 there was another recorded incident of flooding at the eastern most side of Margaret Street due to a blocked culvert.

6.4 Flood Defence Capital Works undertaken by CCC

In 2013 the Ammanford Comprehensive school trash screen was upgraded.

6.5 Flood Defence Assets

Ammanford Comp Trash Screen	Ammanford Comp Culvert	Ammanford Comp Outfall
Walters Road Trash Screen	Walters Road Culvert	Walters Road Outfall
Catholic Church Trash Screen	Margaret Street / Iscennen Road Culvert	Iscennen Road Outfall
Lon Tir-Y-Dail Culvert	Lon Tir-Y-Dail Outfall	

6.6 Routine Works and Maintenance

Area	Works Undertaken	When
All Trash Screens	Formal T98 Inspection	Annually
	Debris management	Weekly in the winter Monthly in the summer
Ammanford Comp Culvert	CCTV camera survey	2018
Ammanford Comp Outfall	Formal T98 Inspection	Annually
Walters Road Culvert	CCTV camera survey	2018
Walters Road Outfall	Formal T98 Inspection	Annually
Margaret Street / Iscennen Road Culvert	CCTV camera survey	2018
Iscennen Road Outfall	Formal T98 Inspection	Annually
Lon Tir-Y-Dail Culvert	CCTV camera survey	2018
Lon Tir-Y-Dail Outfall	Formal T98 Inspection	Annually

6.7 Proposed Future Works

Undertake CCTV camera surveys and address faults on a risk-based basis.

6.8 Flood Risk

6.8.1 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.

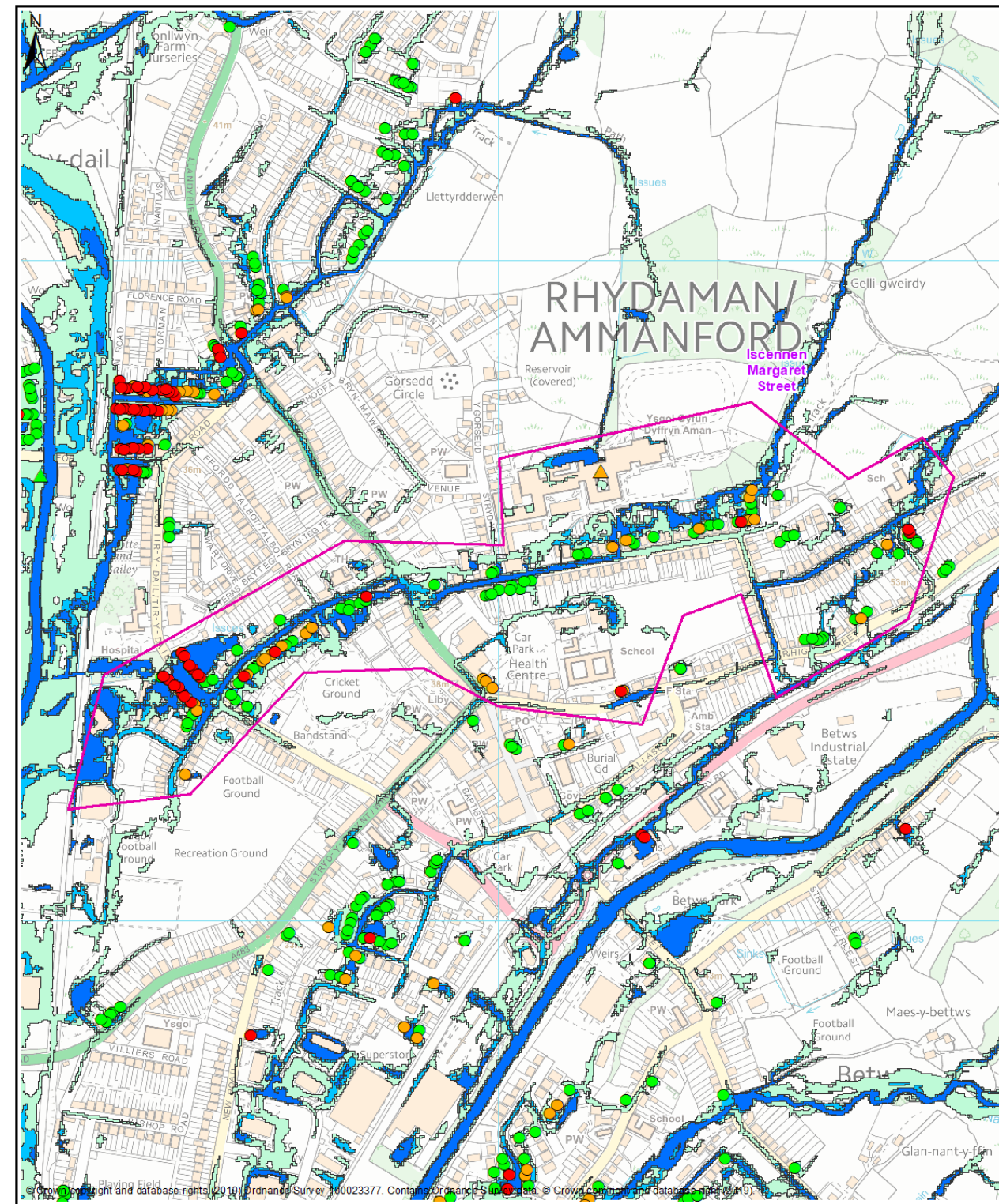
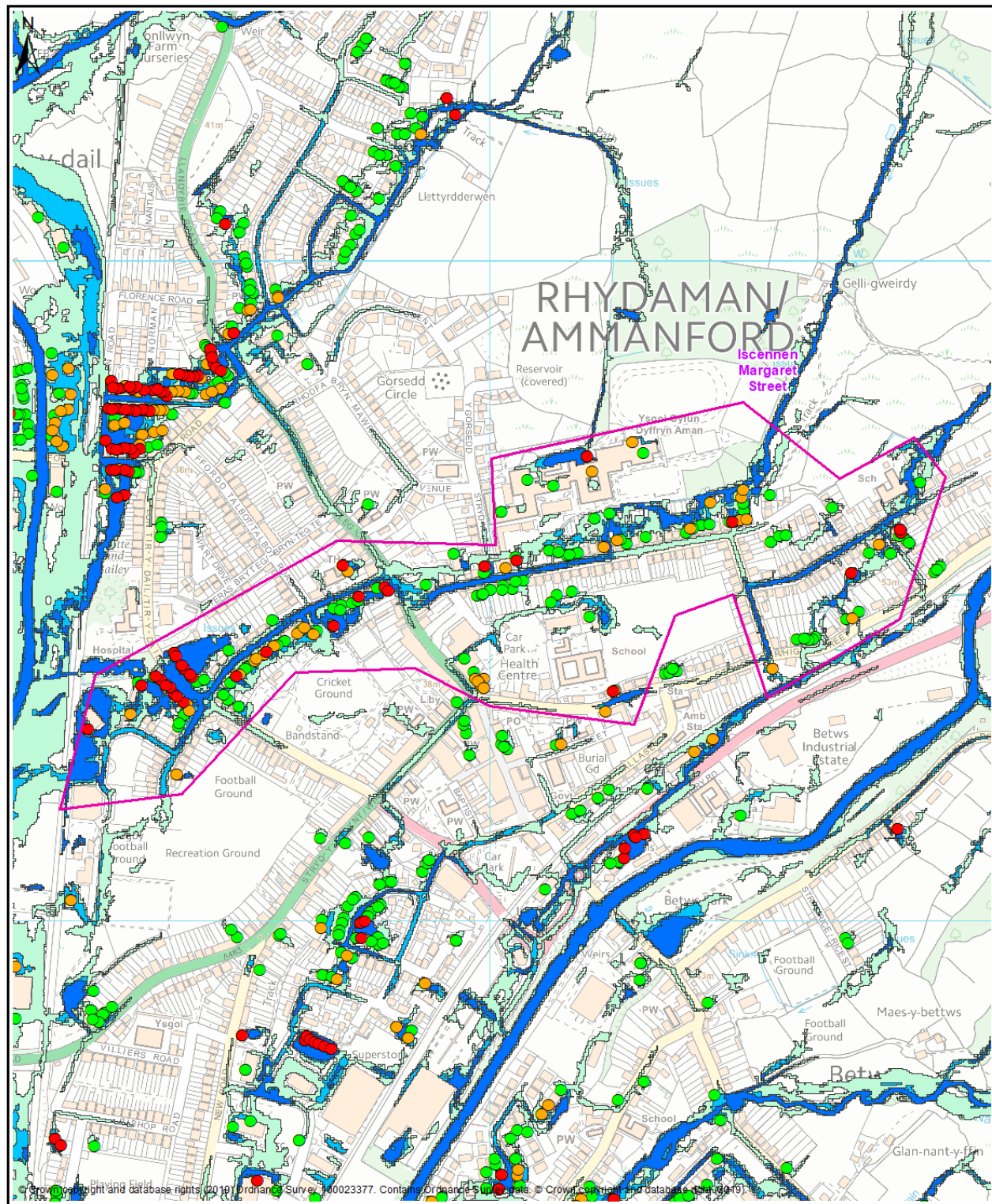
6.8.2 Map 2: Dwellings and Services

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

6.8.3 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	30	71	156
Map 2 Dwellings and Services	20	48	112
Map 3 CaRR	n/a	17	n/a



Map 1 - All Properties

Legend

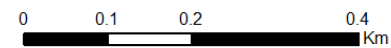
- Policy Unit
- uFMSW Q30 Surface Water Flood Outline 1 in 30 Probability Storm Event
- uFMSW Q100 Surface Water Flood Outline 1 in 100 Probability Storm Event
- uFMSW Q1000 Surface Water Flood Outline 1 in 1000 Probability Storm Event
- Q30 All Property Classes Flood Depth 150mm or Greater
- Q100 All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

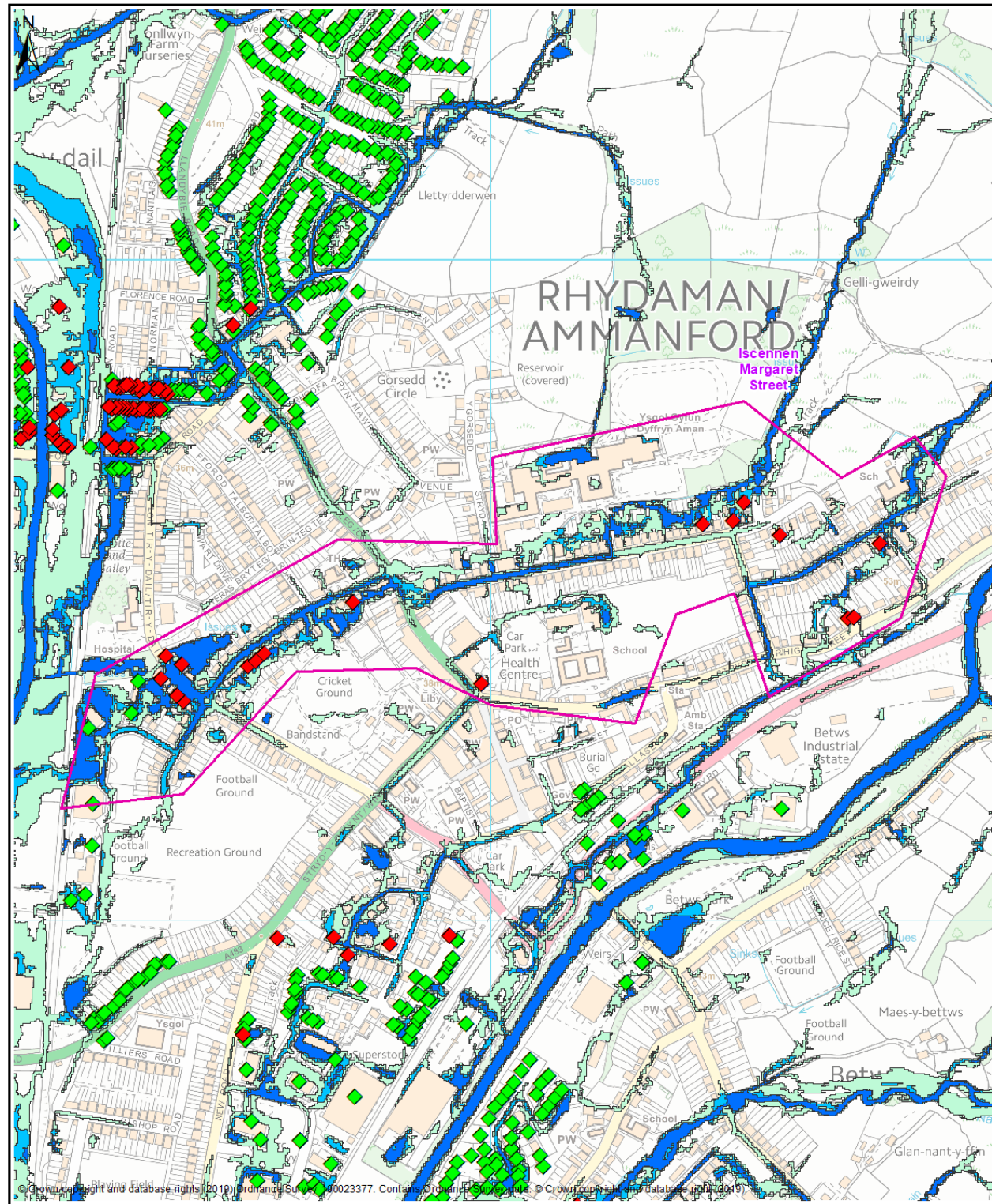
Map 2 - Dwellings and Services

Legend

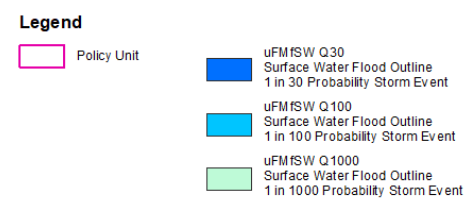
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- uFMSW Q1000 Surface Water Flood Outline 1 in 1000 Probability Storm Event
- Q30- Dwellings Flood Depth 150mm or Greater
- Q100- Dwellings Flood Depth 150mm or Greater
- Q1000- Dwellings Flood Depth 150mm or Greater
- ▲ Q30- Services Flood Depth 150mm or Greater
- ▲ Q100- Services Flood Depth 150mm or Greater
- ▲ Q1000- Services Flood Depth 150mm or Greater

Ammanford Ward
Iscennen Margaret Street Policy Unit





Map 3 - Communities at Risk Register



Ammanford Ward
Iscennen Margaret Street Policy Unit

