

44 Llwynhendy Ward, Bryn Rhos Policy Unit

44.1 Area Description

The Bryn Rhos Policy Unit comprises the area to the east of Bryn Rhos, it is at a higher elevation than Bryn Rhos so there is potential for flooding as the area to the west is at the same level as Bryn Rhos. Therefore, creating a bowl for the water to pool.

44.2 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 flood risk.

44.3 Flooding Events

2011: Highway flooding due to intense rain. No properties flooded.

44.4 Flood Defence Capital Works undertaken by CCC

None

44.5 Flood Defence Assets

None

44.6 Routine Works and Maintenance

None

44.7 Proposed Future Works

None

44.8 Flood Risk

44.8.1 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.

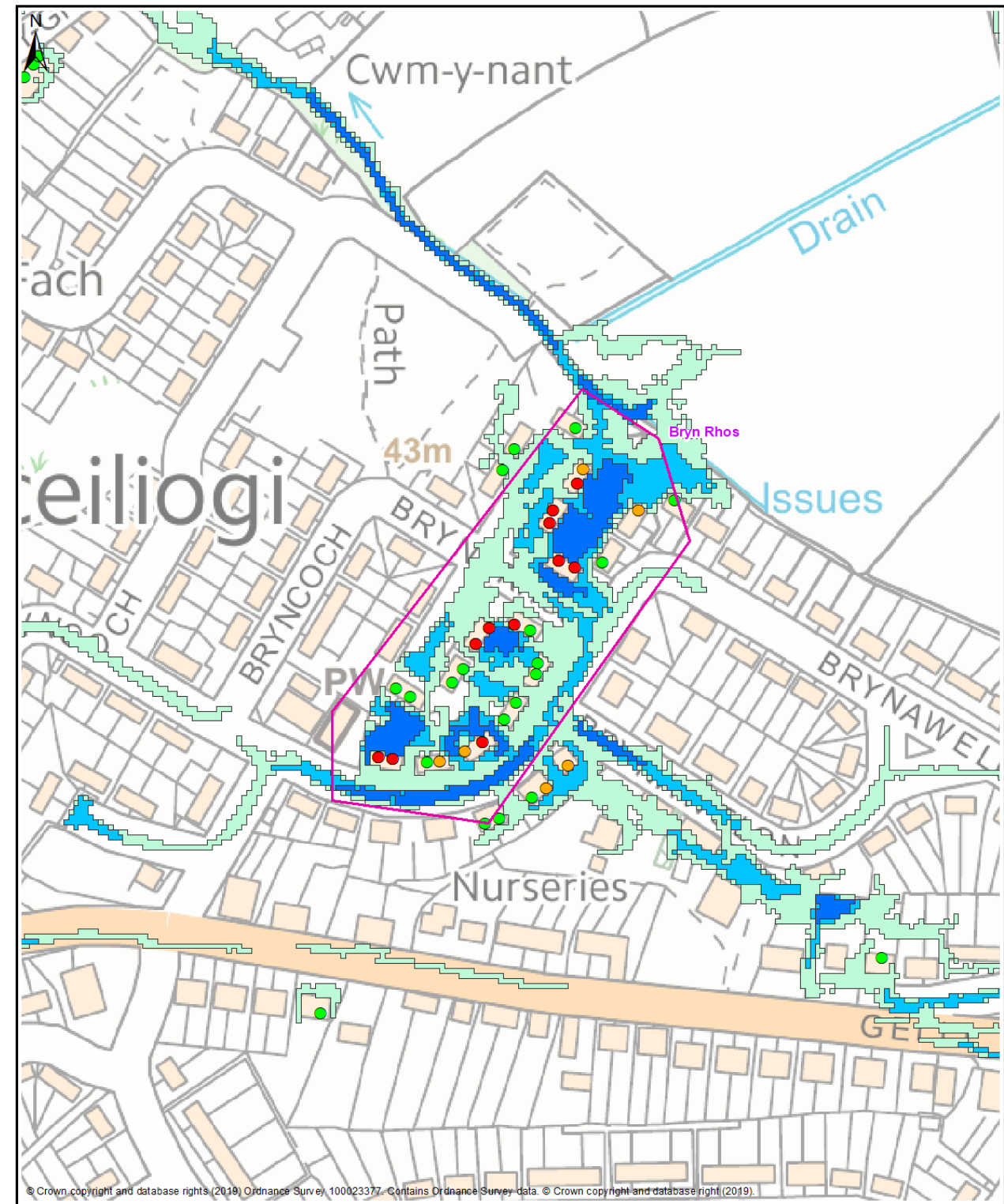
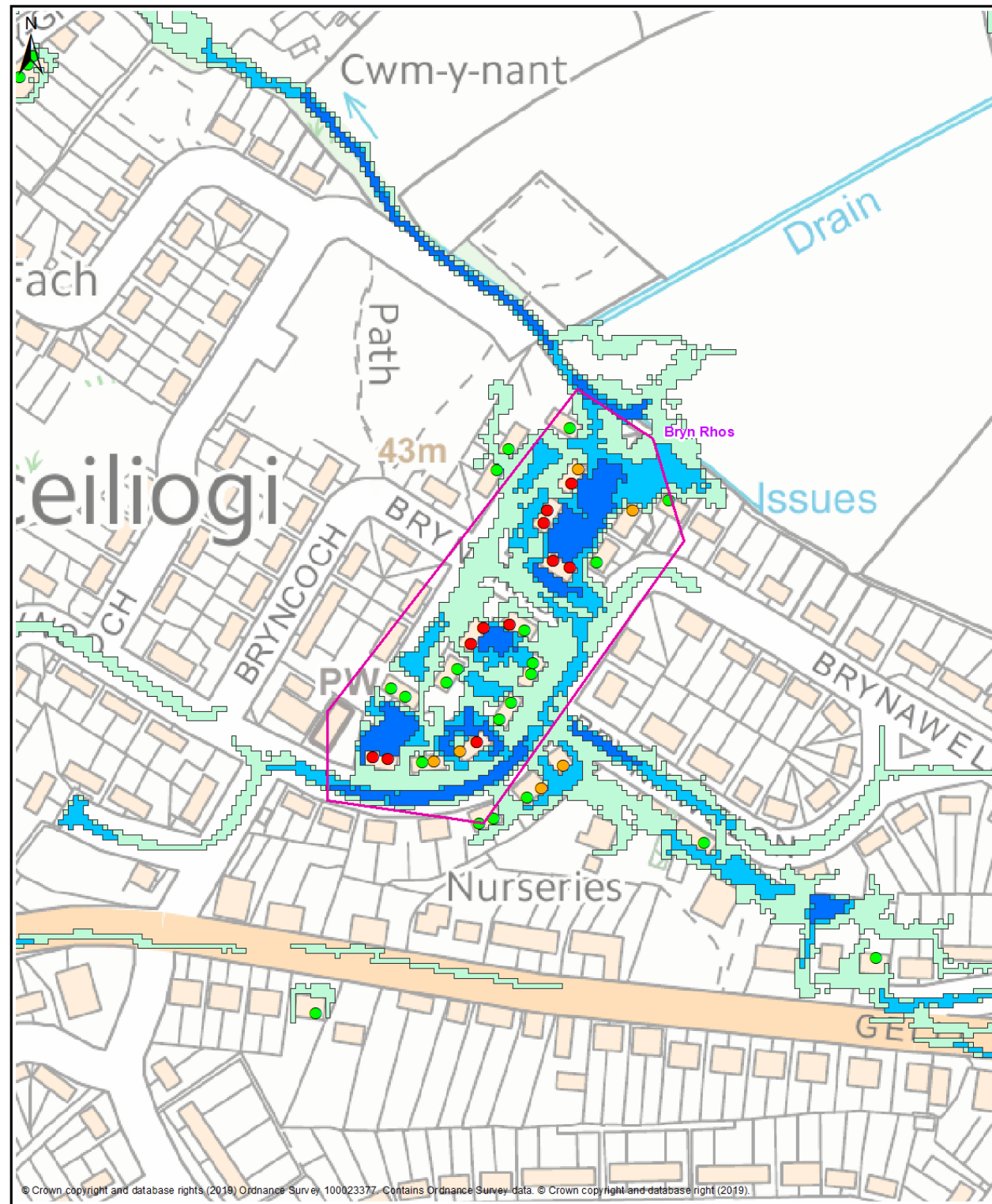
44.8.2 Map 2: Dwellings and Services

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

44.8.3 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.

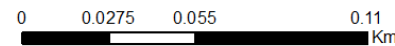
	Number of specified units at risk of flooding		
	1 in 30 probability storm event	1 in 100 probability storm event	1 in 1000 probability storm event
Map 1 Total Properties	11	15	28
Map 2 Dwellings and Services	11	15	28
Map 3 CaRR	n/a	0	n/a



Map 1 - All Properties

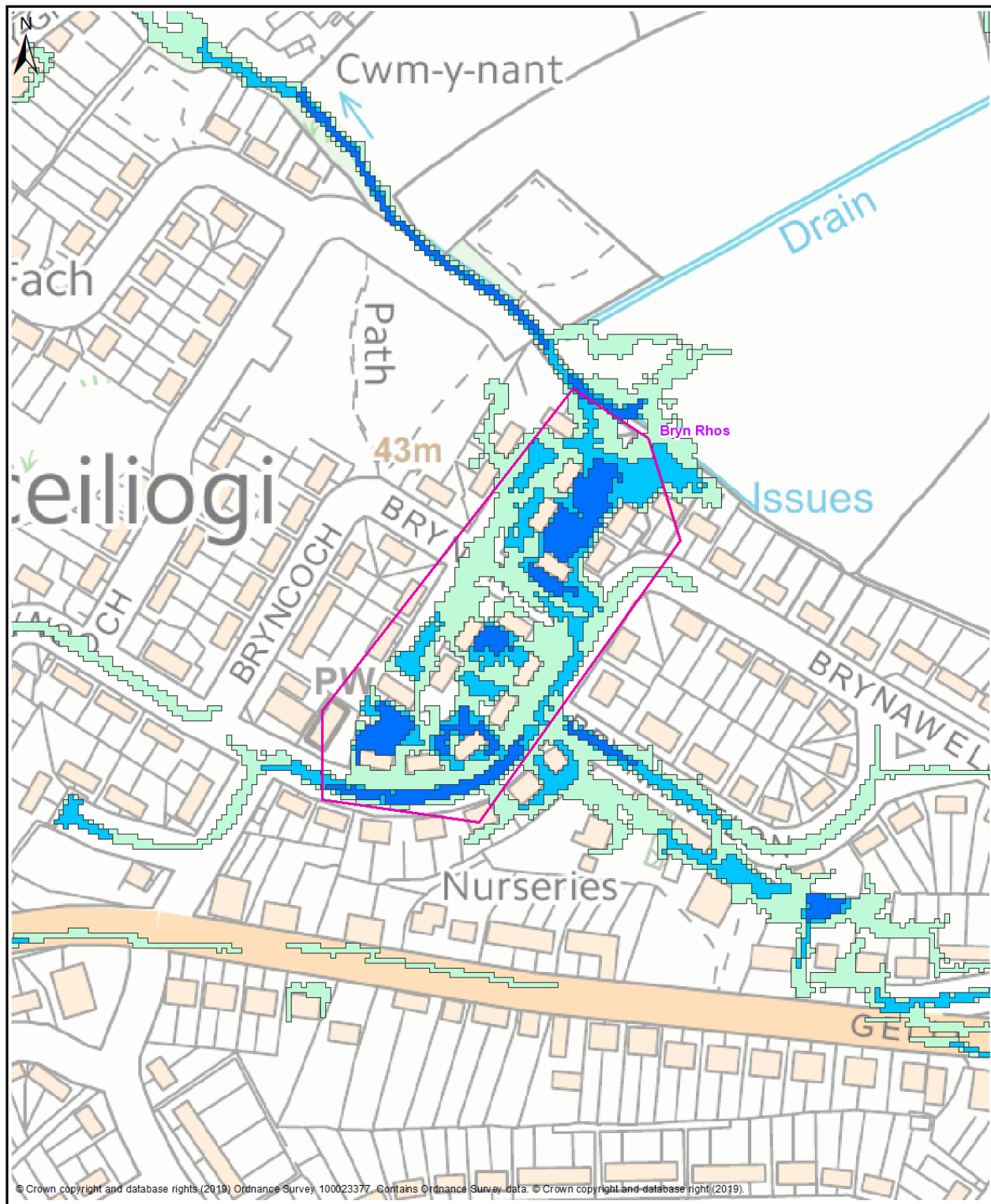
- Legend**
- Policy Unit
 - uFMSW Q30
Surface Water Flood Outline
1 in 30 Probability Storm Event
 - uFMSW Q100
Surface Water Flood Outline
1 in 100 Probability Storm Event
 - uFMSW Q1000
Surface Water Flood Outline
1 in 1000 Probability Storm Event
 - Q30 All Property Classes
Flood Depth 150mm or Greater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

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Map 2 - Dwellings and Services

- Legend**
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 - 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

- 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

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