

33 Laugharne Ward, Llanddowror Policy Unit

33.1 Area Description

The Llanddowror Policy Unit comprises the catchment associated with Nant Hyddfron ordinary watercourse. This has a large catchment of over 20km² composing of agricultural pasture land and woodland.

33.2 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 river valley is narrow through the village of Llanddowror and 34 properties are believed to be at some risk of flooding. In flood events the Nant Hyddfron spills onto the carriageway, due to the camber and steady gradient. Further modelling indicated that the uFMfSW underestimated the risk in Llanddowror.

33.3 Flooding Events

- Oct 2008: Flooding of Old Lion Cottage, Swn y Dwr and external flooding of properties adjacent to the trunk road
- Aug 2010: External Flooding along trunk road and Craig y Deilo Road
- Nov 2010: External Flooding along trunk road and Craig y Deilo Road
- Jan 2013: Extensive serious internal flooding through the village, 22 properties flooded internally (Heavy rain fall combined with snowmelt resulted in this event)

33.4 Flood Defence Capital Works undertaken by CCC

- 2012: Raising of foot bridge at Craig y Deilo Road
- 2014: River bank retaining structure at Craig y Deilo
- 2015: Re-Profiling of the trunk road upstream of Llanddowror prior to de-trunking

33.5 Flood Defence Capital Works undertaken by Partner Organisations

NRW river and rainfall monitoring to provide flood warning service

NRW provision of individual property protection

33.6 Flood Defence Assets

None

33.7 Routine Works and Maintenance

Area	Works Undertaken	When
Tree Management		As required

33.8 Proposed Future Works

None

33.9 Flood Risk

33.9.1 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.

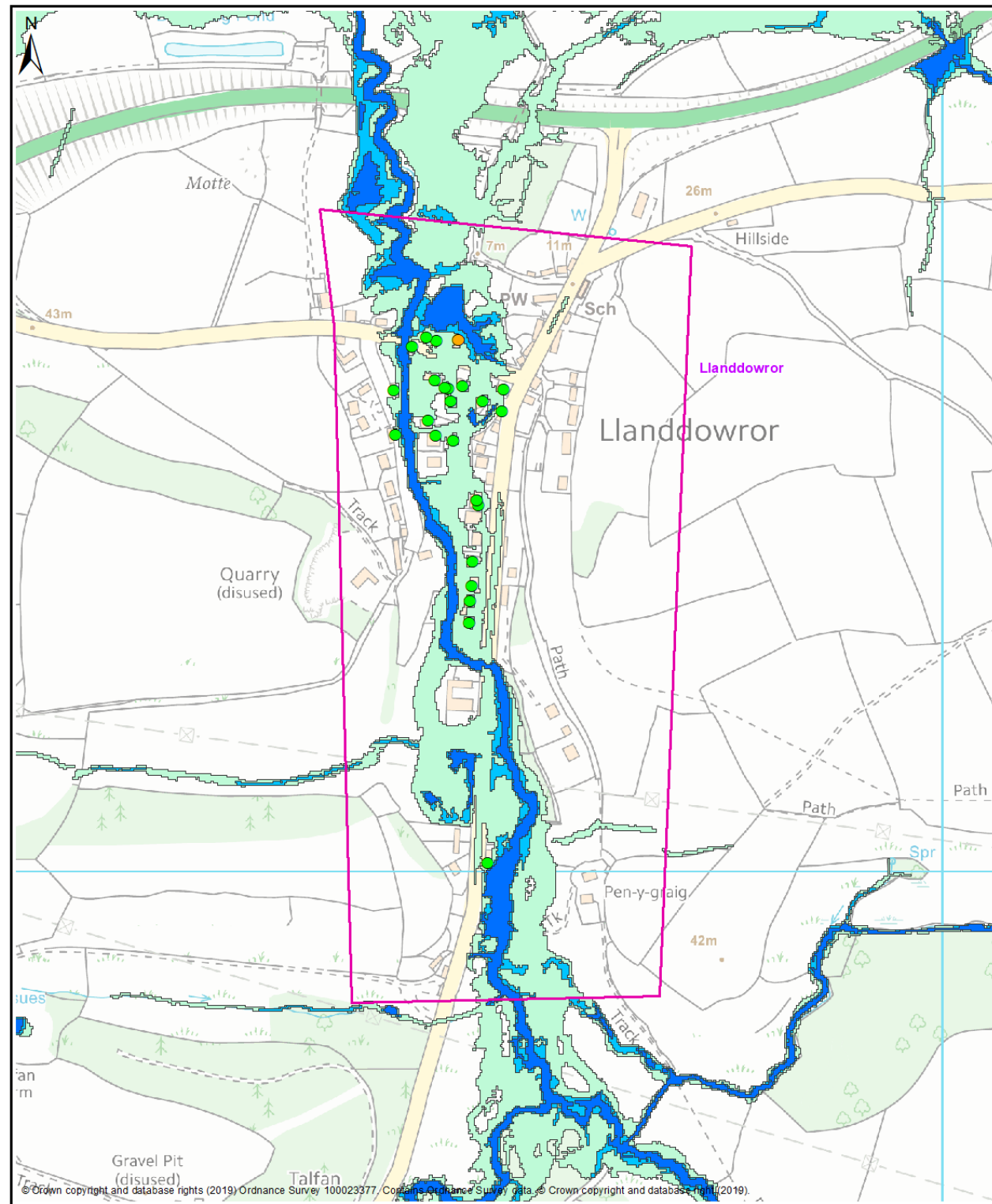
33.9.2 Map 2: Dwellings and Services

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

33.9.3 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.

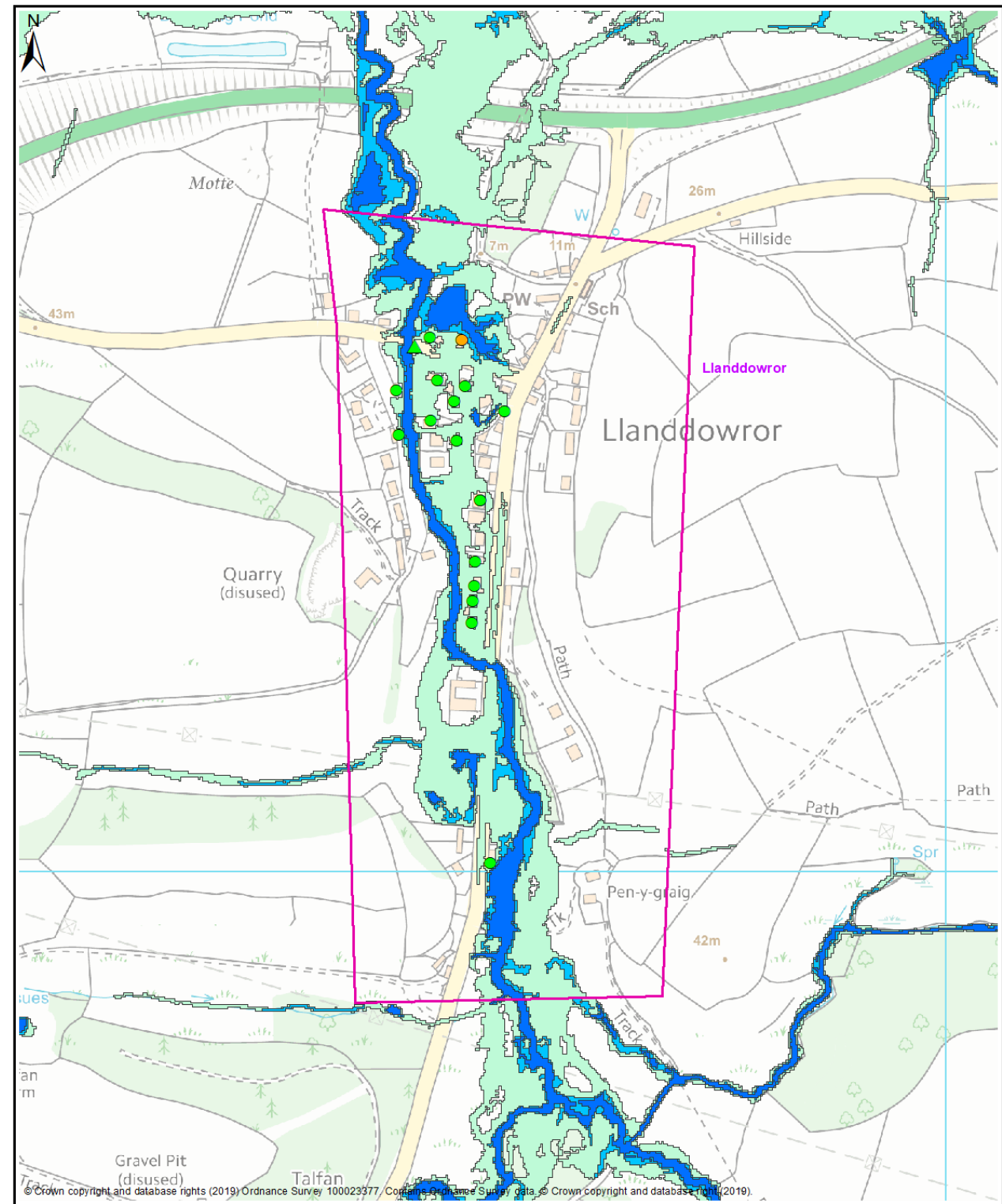
	Number of specified units at risk of flooding		
	1 in 30 probability storm event	1 in 100 probability storm event	1 in 1000 probability storm event
Map 1 Total Properties	0	1	25
Map 2 Dwellings and Services	0	1	18
Map 3 CaRR	n/a	0 Pluvial 34 Fluvial	n/a



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

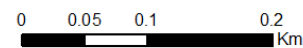


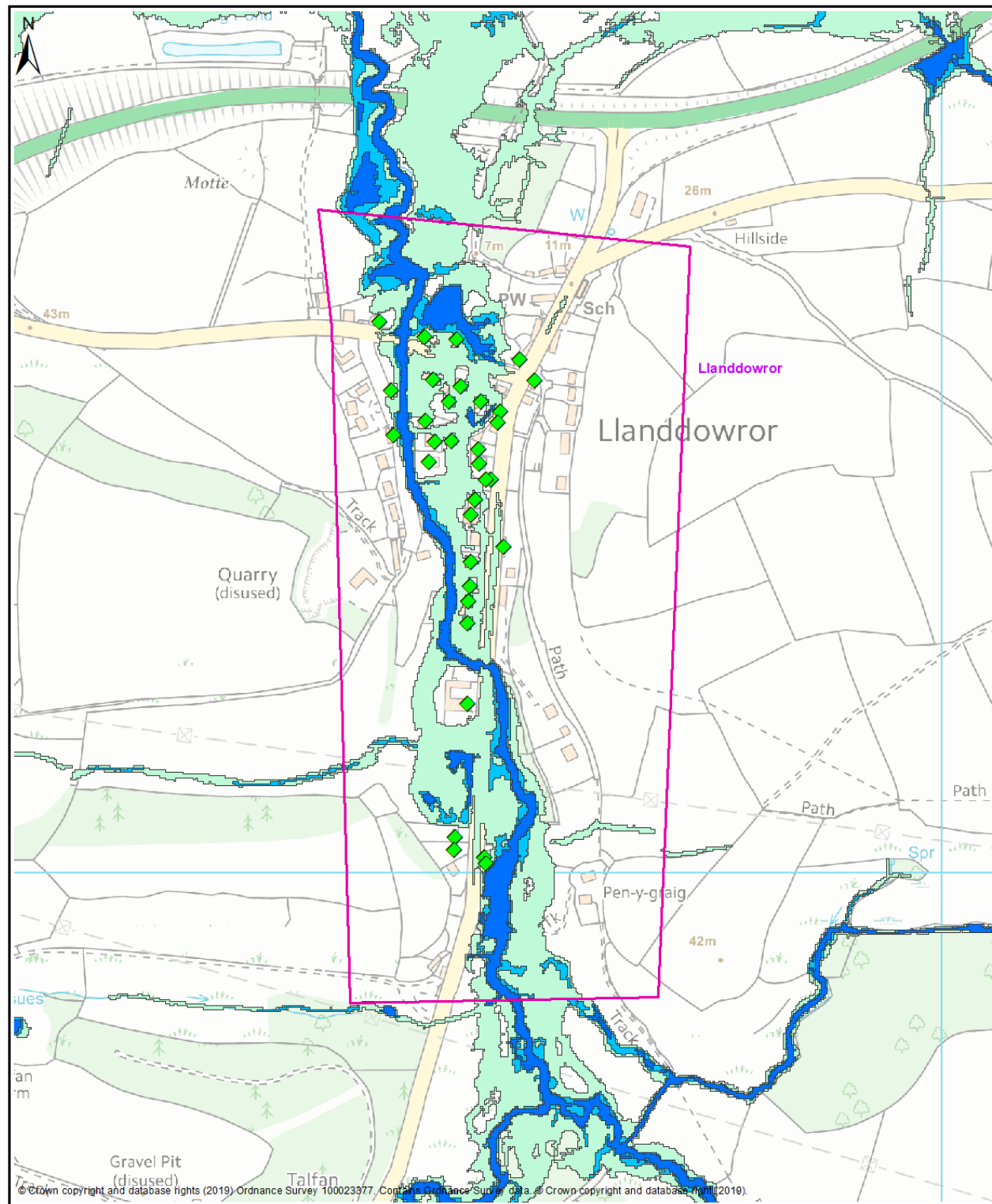
Map 2 - Dwellings and Services

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 Pluvial

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