

29 Hengoed Ward, Pwll Policy Unit

29.1 Area Description

The Pwll Policy Unit comprises the catchment associated with Afon Dulais. The catchment is predominately wooded running through the Stradey Estate from north to south. Prior to its discharge into the Loughor Estuary it passes through the residential area of Pwll and the Millennium Coastal Park (MCP).

29.2 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 watercourses.

The topography of the area can be detrimental to flooding; from a steep hill to flat land leading to estuary.

The area can become tide locked at high tides.

29.3 Flooding Events

- 2002: River flooding effecting Stepney Road properties.
- 2008: River flooding effecting Stepney Road properties.
- 2016: NRW bypass channel on River Cille overtopped, flooding properties in Bassett's Terrace and Sandy Road.

29.4 Flood Defence Capital Works undertaken by CCC

None

29.5 Flood Defence Capital Works undertaken by Partner Organisations

2014: NRW flood relief scheme on River Dulais in Stradey Woods and to rear of Bassets Terrace and Sandy Road.

29.6 Routine Works and Maintenance

None

29.7 Proposed Future Works

None

29.8 Flood Risk

29.8.1 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.

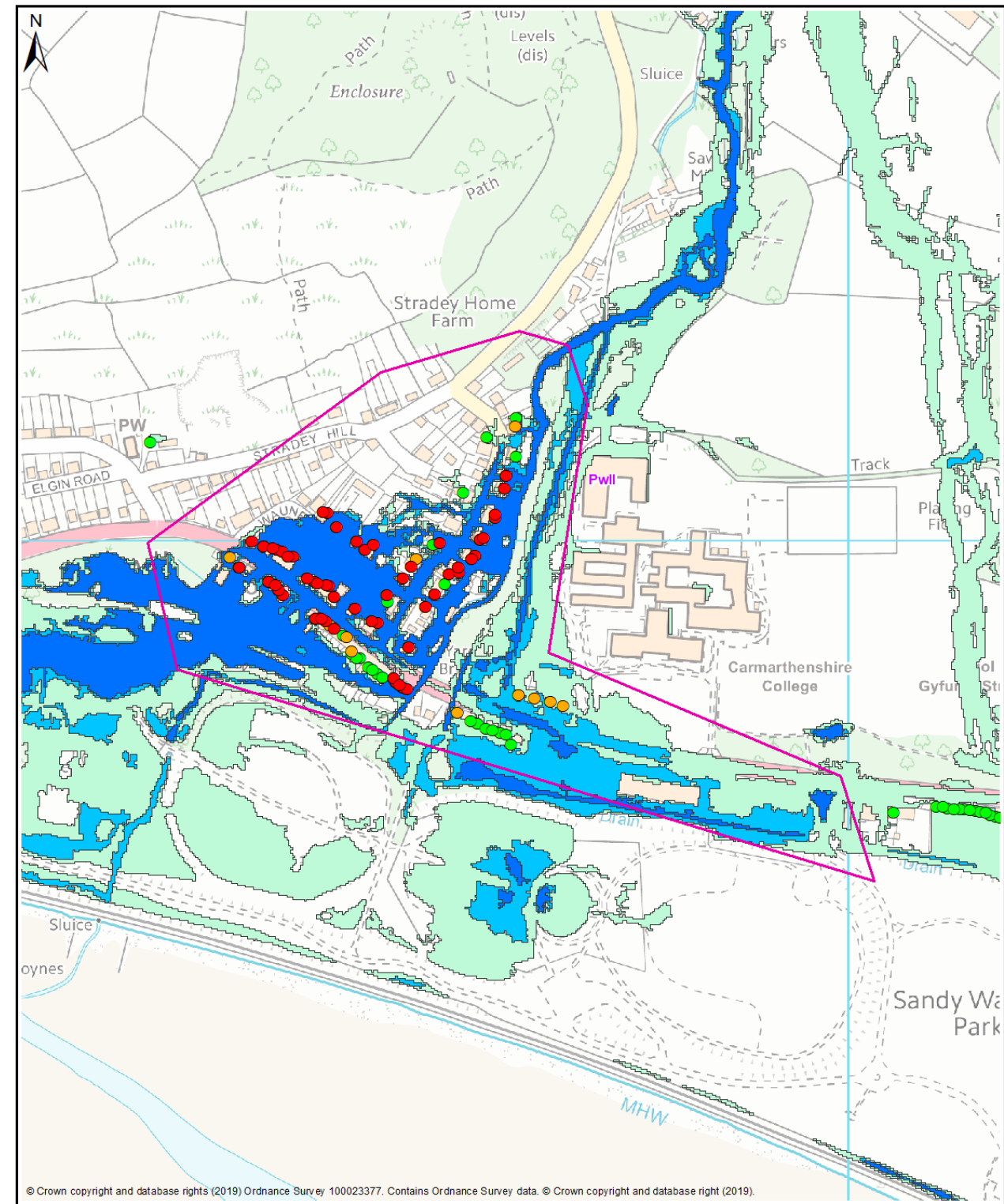
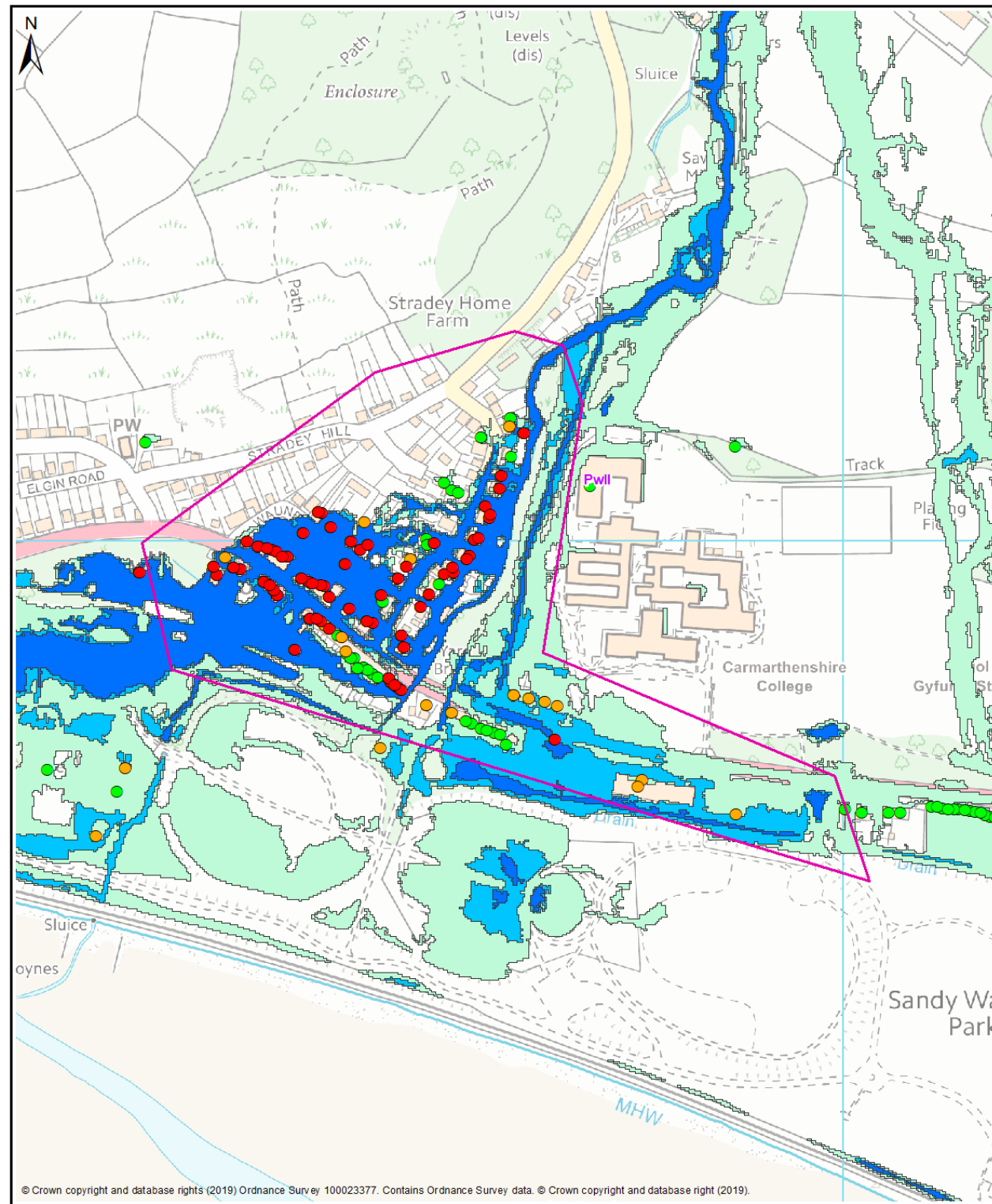
29.8.2 Map 2: Dwellings and Services

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

29.8.3 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.

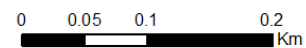
	Number of specified units at risk of flooding		
	1 in 30 probability storm event	1 in 100 probability storm event	1 in 1000 probability storm event
Map 1 Total Properties	70	87	114
Map 2 Dwellings and Services	58	70	92
Map 3 CaRR	n/a	11 Pluvial 39 Fluvial 73 Tidal	n/a



Map 1 - All Properties

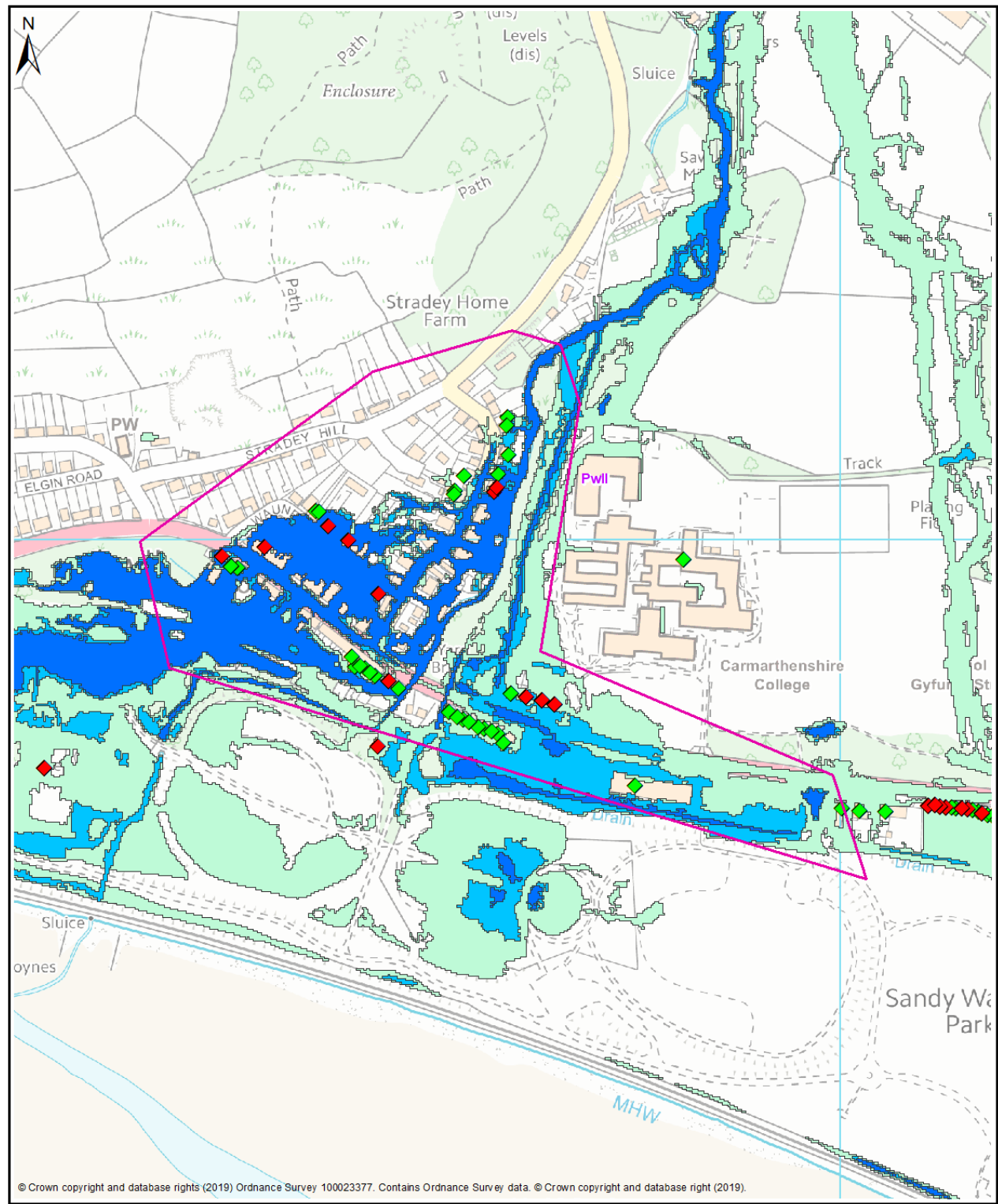
- Legend**
- Policy Unit
 - uFMISW Q30 Surface Water Flood Outline 1 in 30 Probability Storm Event
 - uFMISW Q100 Surface Water Flood Outline 1 in 100 Probability Storm Event
 - uFMISW Q1000 Surface Water Flood Outline 1 in 1000 Probability Storm Event
 - Q30 All Property Classes Flood Depth 150mm or 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**
- 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
 - ▲ 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
 - uFMFSW Q30
Surface Water Flood Outline
1 in 30 Probability Storm Event
 - uFMFSW Q100
Surface Water Flood Outline
1 in 100 Probability Storm Event
 - uFMFSW Q1000
Surface Water Flood Outline
1 in 1000 Probability Storm Event
 - ◆ CARR Pluvial
 - ◆ CARR Fluvial

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0 0.05 0.1 0.2
Km