

53 Tyisha Ward, Station Road Policy Unit

53.1 Area Description

The Station Road catchment comprises the urban area around Station Road in Llanelli. This area is characterised by dense terraced housing and hydraulically the area is served by DCWW sewer systems.

The area is flat and generally low lying but above the tidal flooding range.

The northern part of this area is also at risk from fluvial flooding from the Main River Lleidi (NRW managed watercourse).

53.2 Why is this area a Flood Risk Policy Unit?

The uFMfSW (EA, 2013) highlight this area to be at risk of flooding. These surface water flood maps are useful in highlighting the flood risk from small watercourses.

uFMfSW indicate a large number of properties at risk of flooding from surface water and this is also reflected in the Communities at Risk Register. These models are sensitive to the drainage capacity assumptions in the model and the true flood risk may be less than that indicated.

53.3 Flooding Events

None recorded

53.4 Flood Defence Capital Works undertaken by CCC

None

53.5 Flood Defence Capital Works undertaken by Partner Organisations

DCWW are currently undertaking a major capital scheme in the form of the Station Road Surface Water Tunnel. This will facilitate diversion of surface water from the existing combined sewer and should provide additional capacity to the drainage network.

53.6 Flood Defence Assets

None

53.7 Routine Works and Maintenance

None

53.8 Proposed Future Works

None currently proposed other than to liaise with and support DCWW in their Rainscape Project.

53.9 Flood Risk

53.9.1 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.

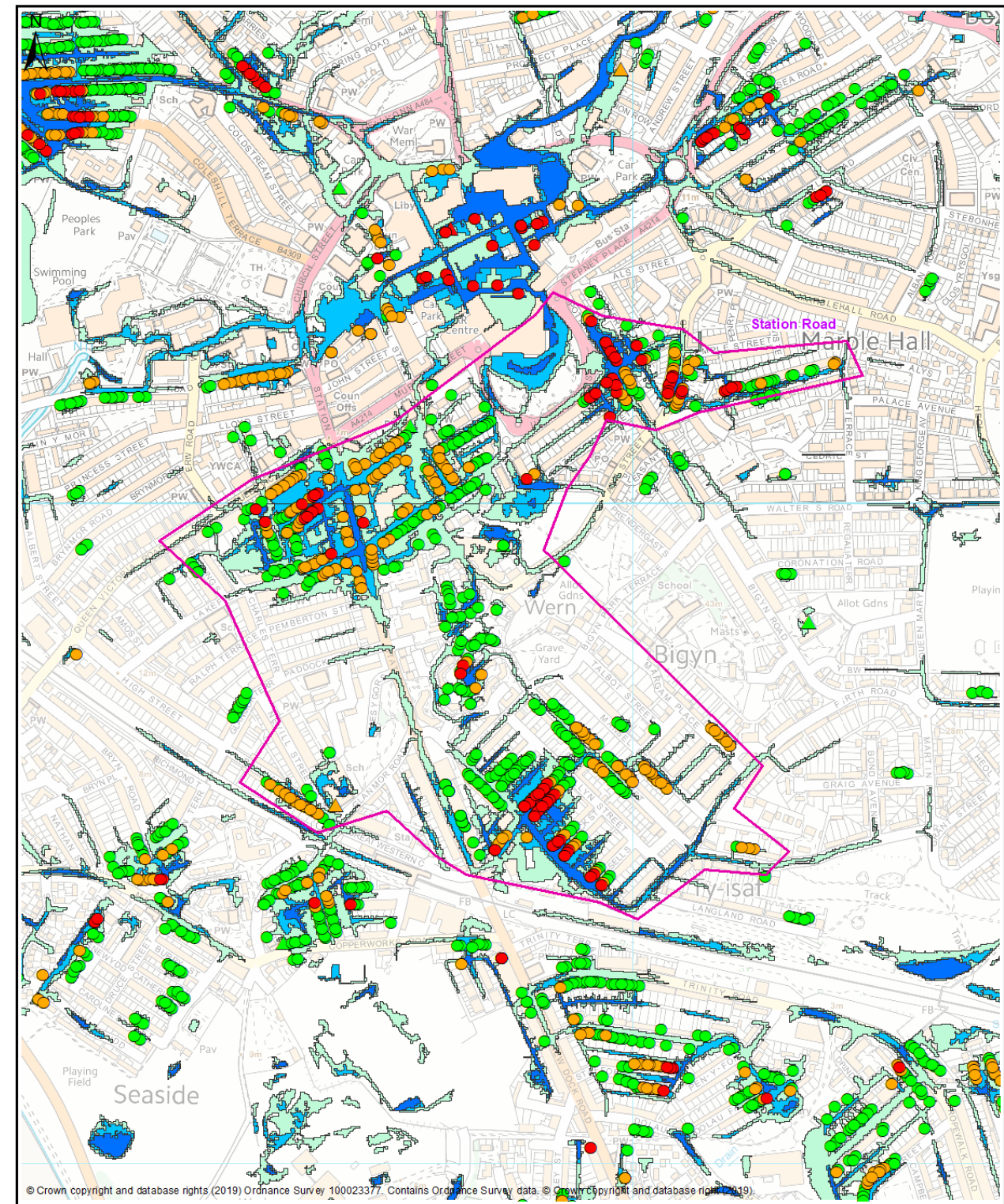
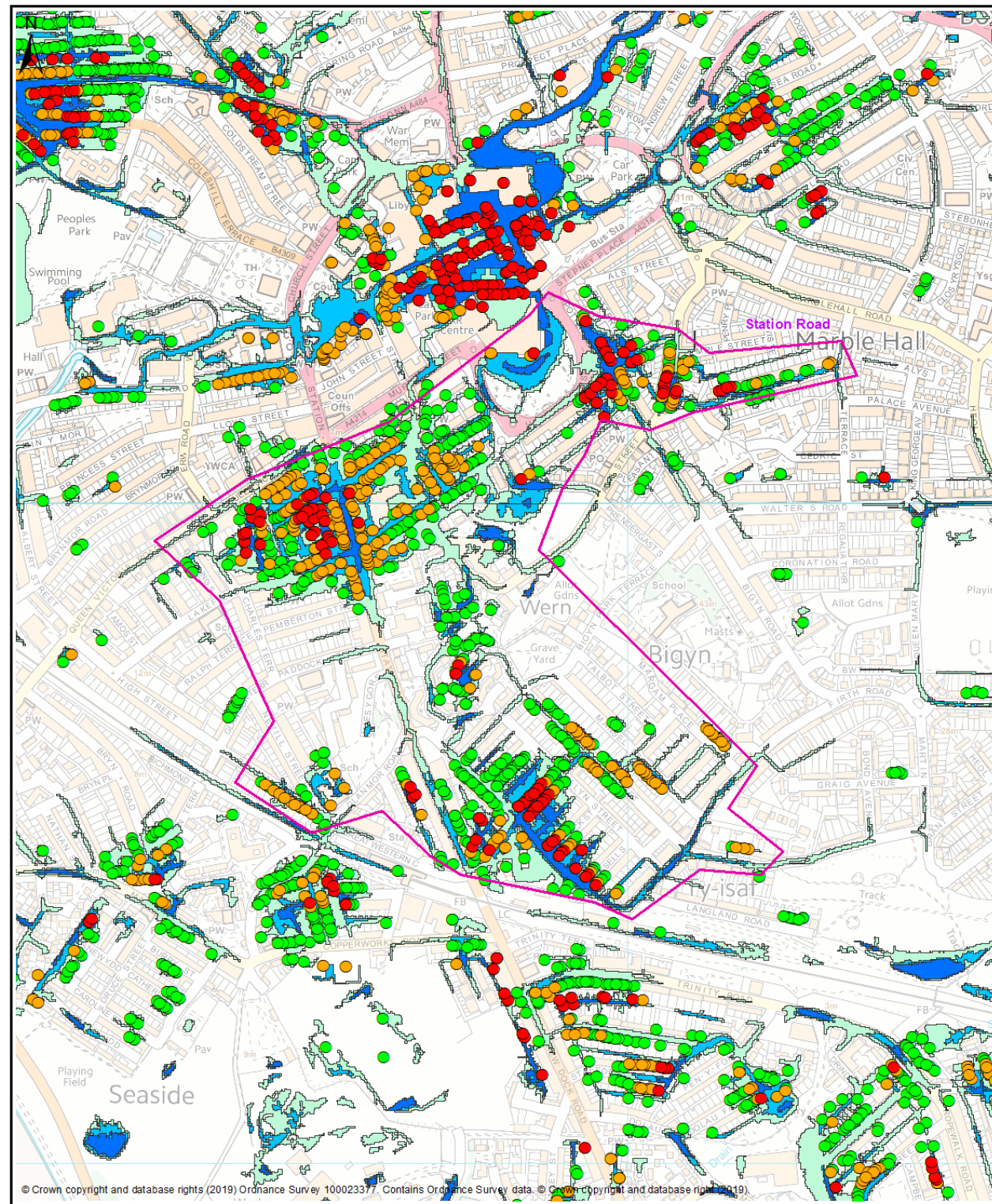
53.9.2 Map 2: Dwellings and Services

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

53.9.3 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 | 116 | 421 | 848 |
| Map 2 Dwellings and Services | 82 | 311 | 673 |
| Map 3 CaRR | n/a | 232 Pluvial 321 Fluvial | n/a |

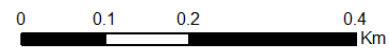


Map 1 - All Properties

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

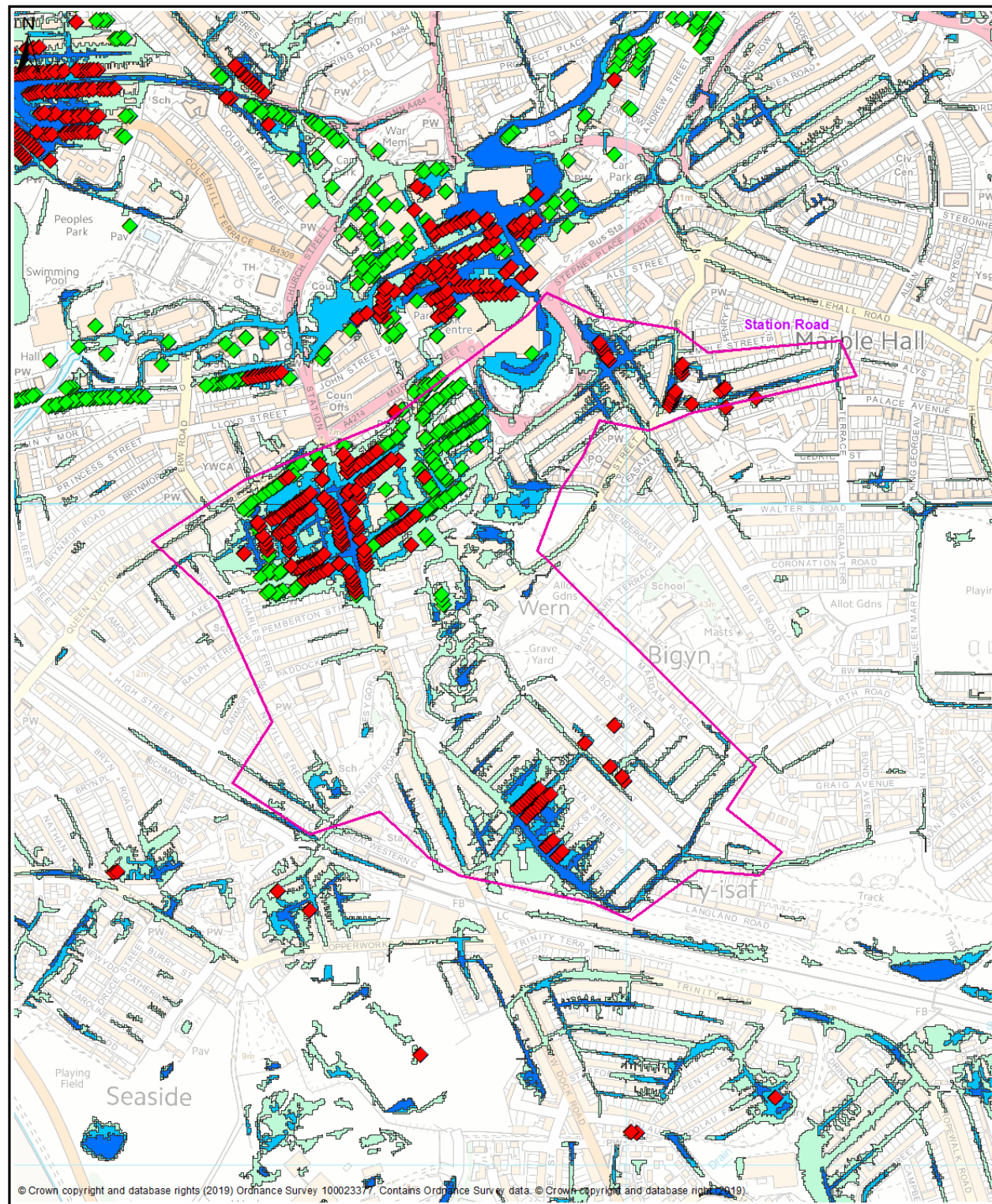
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Map 2 - Dwellings and Services

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

- 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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