39 Llanybydder Ward, Station Road Policy Unit

39.1 Area Description
Llanybydder is a market town and community that straddles the River Teifi and this forms the boundary with Ceredigion County Council. The Station Road area comprises a terrace of residential houses upstream of the Teifi River Bridge and backs onto the floodplain.

39.2 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.

The area of Station Road is low lying and near to the River Teifi.

Although Surface Water flood maps indicate that this area could flood as a result of surface water at higher return periods, flooding from the main river will occur prior to this.

The bridge and highway embankment forming Highmead Terrace reduce the floodplain capacity immediately downstream of Station Road.

It is worth noting that in the October 2018 floods properties downstream of the bridge were not affected but are shown on the uFMfSW to be at higher risk than Station Road itself.

39.3 Flooding Events
In October 2018 this area suffered serious flooding due to the River Teifi bursting its banks; 32 residential properties were affected. Prior to this Carmarthenshire had no record of flooding at this location.

39.4 Flood Defence Capital Works undertaken by CCC
None

39.5 Flood Defence Capital Works undertaken by Partner Organisations
None

39.6 Flood Defence Assets
Carmarthenshire has none in this location.

39.7 Routine Works and Maintenance
None

39.8 Proposed Future Works
Map surface water drainage network.
Liaise with NRW regarding any potential to reduce the severity and frequency of flooding.

39.9 Flood Risk

39.9.1 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.

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

39.9.3 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.

<table>
<thead>
<tr>
<th>Number of specified units at risk of flooding</th>
<th>1 in 30 probability storm event</th>
<th>1 in 100 probability storm event</th>
<th>1 in 1000 probability storm event</th>
</tr>
</thead>
<tbody>
<tr>
<td>Map 1 Total Properties</td>
<td>5</td>
<td>23</td>
<td>47</td>
</tr>
<tr>
<td>Map 2 Dwellings and Services</td>
<td>1</td>
<td>12</td>
<td>32</td>
</tr>
<tr>
<td>Map 3 CaRR</td>
<td>n/a</td>
<td>1 Pluvial</td>
<td>51 Pluvial</td>
</tr>
</tbody>
</table>