33. Laugherne 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 composed 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

<table>
<thead>
<tr>
<th>Area</th>
<th>Works Undertaken</th>
<th>When</th>
</tr>
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<tbody>
<tr>
<td>Tree Management</td>
<td></td>
<td>As required</td>
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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.

<table>
<thead>
<tr>
<th>Number of specified units at risk of flooding</th>
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<tbody>
<tr>
<td>1 in 30 probability storm event</td>
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<td>---------------------------------</td>
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<tr>
<td>Map 1 Total Properties</td>
</tr>
<tr>
<td>Map 2 Dwellings and Services</td>
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<tr>
<td>Map 3 CaRR</td>
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CCC Flood Risk Management Plan 91
May 2019