9.3.36 Llangennech

Community Council(s): Llangennech
Councillor: Gwyneth Thomas
Gary Jones
Population: 5130 people

Area: 12.7 km²
Population Density: people/km²

Area Description
Area to the north east of Llanelli adjacent to the Loughor estuary. Llangennech is at risk of flooding from several sources. Parts of Llangennech are low lying and subject to tidal flooding with the railway embankment provides a low level of protection. Land use in the catchment is predominately pastoral agriculture with forestry in the Morlais Valley.

The River Morlais also presents a significant risk to Llangennech. The Mwrwg River ordinary watercourse also presents a significant flood risk. A bypass culvert diverts storm flows away from the village to the Morlais River. Tidal flooding and Main River flooding are managed by NRW.

Flood History
Station Road in 2014 due to tide overtopping the railway line.
Station Road in 2011 due to partial blockage of the Mwrwg River railway culvert.

Bridge Inn from the Mwrwg River and surface water.

Policy Units in Ward
There is one Policy Unit identified in this Ward:
- Llangennech

Count Table (see Maps 1 & 2 below)

<table>
<thead>
<tr>
<th>Criteria</th>
<th>Total at-risk Property Count</th>
<th>Dwellings affected</th>
<th>Community Services</th>
</tr>
</thead>
<tbody>
<tr>
<td>High Risk</td>
<td>57</td>
<td>27</td>
<td>2</td>
</tr>
<tr>
<td>Medium Risk</td>
<td>127</td>
<td>87</td>
<td>2</td>
</tr>
<tr>
<td>Low Risk</td>
<td>320</td>
<td>237</td>
<td>4</td>
</tr>
</tbody>
</table>

Breakdown by Policy Unit refer to Appendix E.

Other risk management authorities DCWW
DCWW has identified flood risk at the following locations:
- Brynmead, Bryn, Llanelli
- Llysyfelin, Llangennech
- Station Road, Llangennech

NRW will continue to manage Flood Risk from the Loughor and Morlais Rivers and tidal sources.
Map 3 - Communities at Risk Register

Legend
- Police Beat
- Ward

UFMSW Q100
- Surface Water Flood Outline
- 1 in 100 Probability Storm Event

UFMSW Q500
- Surface Water Flood Outline
- 1 in 30 Probability Storm Event

UFMSW Q1000
- Surface Water Flood Outline
- 1 in 100 Probability Storm Event

CARR Flooded
- CARR Flooded

CARR Partial
- CARR Partial

0 0.325 0.65 1.3
Km

Ward - Llangennech

P4.0 For Consultation
November 2019
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Llangennech - Delivery Plan

The following summarises actions we propose to manage local flood risk to an acceptable level within the community.

<table>
<thead>
<tr>
<th>Measure</th>
<th>Description</th>
<th>Priority</th>
<th>Timescale</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>M21</td>
<td>Undertake further flood risk analysis for the LDP assigned development area</td>
<td>High</td>
<td>Ongoing</td>
<td>Med</td>
</tr>
<tr>
<td>M22</td>
<td>Investigate options to reduce flood risk to properties within the overall community</td>
<td>High</td>
<td>Ongoing</td>
<td>Med</td>
</tr>
<tr>
<td>M22</td>
<td>Investigate options to reduce flood risk to community services</td>
<td>Med</td>
<td>Ongoing</td>
<td>Low</td>
</tr>
<tr>
<td>M24</td>
<td>Culvert inspections of existing assets &amp; update / maintain Asset Register</td>
<td>High</td>
<td>Ongoing</td>
<td>Med</td>
</tr>
<tr>
<td>M33</td>
<td>Llangennech - Policy Unit identified for further review of potential alleviation actions</td>
<td>Med</td>
<td>Med</td>
<td>Med</td>
</tr>
<tr>
<td>M34</td>
<td>Work with DCWW to better understand and manage flood risk from surface water and sewers in highlighted locations</td>
<td>Med</td>
<td>Ongoing</td>
<td>Low</td>
</tr>
<tr>
<td>M42</td>
<td>Raise awareness of flood risk and support preparation of Community Flood Plans if applicable</td>
<td>Med</td>
<td>Med</td>
<td>Low</td>
</tr>
<tr>
<td>M43</td>
<td>Working with NRW to raise awareness of flood risk from the Main Rivers / tide</td>
<td>Med</td>
<td>Ongoing</td>
<td>Low</td>
</tr>
<tr>
<td>M51</td>
<td>Countywide recovery plans are in place. These will be triggered when appropriate</td>
<td>Med</td>
<td>Ongoing</td>
<td>Low</td>
</tr>
</tbody>
</table>