17 Dafen Ward, Glyncoed Terrace Policy Unit

17.1 Area Description
The Glyncoed Terrace Policy Unit is located between Llanelli and the A4138 carriageway. While Glyncoed Terrace is located within an urbanised area it is surrounded by open greenfield land and the Afon Dafen Main River. The Afon Dafen originates in the hills above Llanelli on agricultural fields and areas of forestry just south of Llannon. The Afon Dafen, as it passes Glyncoed Terrace, has large concrete flood defence walls running parallel to contain the river whilst in flood.

17.2 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.

Glyncoed Terrace lies within a low spot and is below the level of the adjacent river bank. The NRW concrete flood defence walls prevent fluvial flooding and overtopping but during times of flood, the surface water system cannot discharge into the river because the non-return valves are sealed.

CCC has investigated potential solutions in the past but the only feasible option would be to install a pump and remove the flood water into the main river. This option would likely meet resistance as adding additional water to the river during flood conditions would likely worsen the flooding downstream.

17.3 Flooding Events
- 2010: Details unknown
- 2016: Two dwellings flooded in Glyncoed Terrace

CCC understands that there is a far greater history of flooding from a combination of Main River and surface water at the above location, but we have no records of these events.

17.4 Flood Defence Capital Works undertaken by CCC
None

17.5 Flood Defence Assets
None

17.6 Routine Works and Maintenance
None

17.7 Proposed Future Works
CCC will continue to work with DCWW and NRW with regard to managing the issue.

17.8 Flood Risk

17.8.1 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.

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

17.8.3 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.

<table>
<thead>
<tr>
<th></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>
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</thead>
<tbody>
<tr>
<td>Map 1 Total Properties</td>
<td>4</td>
<td>17</td>
<td>33</td>
</tr>
<tr>
<td>Map 2 Dwellings and Services</td>
<td>0</td>
<td>10</td>
<td>20</td>
</tr>
<tr>
<td>Map 3 CaRR</td>
<td>n/a</td>
<td>17 Pluvial</td>
<td>19 Fluvial</td>
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