

**Outcome 1 - To improve the understanding of local flood risk**

**Measure 1.1 Identify drainage and flood assets and develop asset management system (statutory requirement)**

Good progress has been made with respect to the identification of drainage and flood assets, using data and information provided by Natural Resources Wales and Dwr Cymru Welsh Water as well as the Council's own records. Overall, the measure is approximately 25% complete.

**Measure 1.2 Designate flood risk management features (permissive power)**

Work will commence during 2015/16.

**Measure 1.3 Record and map flooding incidents (statutory requirement)**

This is an ongoing process. Enquiries have been made regarding flood mapping software, which can be relatively inexpensive. However, it is important for officers to be trained in its use and for the acquired skills maintained.

**Measure 1.4 Carry out flood investigations (statutory requirement)**

The Council has worked in partnership with Natural Resources Wales to investigate the coastal flooding that affected Denbighshire on 5<sup>th</sup> December 2013.

**Measure 1.5 Develop Flood Risk Management Plans for areas of high flood risk (best practice)**

Because there are no Flood Risk Areas in Denbighshire, as defined by the Flood Risk Regulations, there is no statutory requirement for the Council to produce Flood Risk management Plans. However, the Council has agreed with the Welsh Government that it will produce Flood Risk Management Plans by December 2015 and has received £50,000 of government grant to carry out this work. Guidance has recently been provided by the Welsh Government and work has now commenced.

**Measure 1.6 Develop a regional Learning Action Alliance in partnership with neighbouring LLFA's, flood risk management authorities and other private and public sector specialists to share knowledge of flood risk management approaches (best practice)**

Work will commence during 2015/16.

**Outcome 2 - Ensure that local communities understand their responsibilities in relation to local flood risk management**

**Measure 2.1 Publish a clear strategy and communicate it (statutory requirement)**

Upon receipt of Ministerial approval, the Strategy will be published on the Council's website, with copies made available at the Council's main offices.

**Measure 2.2 Develop a communication strategy to improve stakeholder knowledge (best practice)**

Work will commence during 2015/16.

**Measure 2.3 Develop a dedicated flood risk management page on the Council's website (statutory requirement)**

Some progress has been made, 20% complete (web page won't go live until 100% complete).

**Measure 2.4 Publish and distribute information explaining responsibilities, local flood risk, property protection and resilience (statutory requirement)**

No progress to date. However, some similar work in Denbighshire has already been carried out by Natural Resources Wales.

**Measure 2.5 Involve local communities in local initiatives and schemes (best practice)**

Work will commence during 2015/16.

**Measure 2.6 Promote and support Community Flood Plans (best practice)**

The Council is working in partnership with Natural Resources Wales to develop and promote Community Flood Plans. Plans are currently in place in Ruthin (Glasdir estate), Ruthin Town, Rhyl, Prestatyn and St Asaph.

**Measure 2.7 Promote and support property based resilience (best practice)**

Following the coastal flooding in 2013, the Council has attended public drop-in sessions where advice regarding property protection and resilience was provided advice to residents.

**Measure 2.8 Visit schools in flood risk areas (best practice)**

Work will commence during 2015/16.

**Measure 2.9 Annual flood awareness event and/or flood awareness roadshow (best practice)**

Work will commence during 2015/16.

**Measure 2.10 Promote and support Dangerpoint (best practice)**

Work will commence during 2015/16.

**Measure 2.11 Actively engage with the private flood sector to develop innovative techniques to raise awareness (best practice)**

Work will commence during 2015/16.

**Outcome 3 - Work in partnership with other Risk Management Authorities and stakeholders**

**Measure 3.1 Work closely with the Natural Resources Wales and Dŵr Cymru Welsh Water to develop cost effective solutions to flooding issues (best practice)**

The Council already has regular meetings with Natural Resources Wales and Dwr Cymru Welsh Water to discuss possible solutions to known flooding issues. Following recent surface water flooding in Prestatyn, a meeting was quickly arranged. This has resulted in Natural Resources Wales carrying out a review of the hydraulic model for Prestatyn Gutter, with a view to reducing flood risk.

**Outcome 4 - Actively manage flood risk associated with new development proposals**

**Measure 4.1 Develop and apply a robust local policy for the drainage of new development sites (statutory requirement)**

Awaiting guidance from the Welsh Government and the commencement of Schedule 3 of the Flood and Water Management Act.

**Measure 4.2 Develop a process with the Planning Department to create clear advice and direction to developers on FRM and Drainage. Encourage developers to adopt a 'best practice' approach to site drainage (statutory requirement)**

Future work, depends on 4.1 above.

**Outcome 5 - Encourage proactive, responsible maintenance of privately-owned flood defence and drainage assets**

**Measure 5.1 Identify highest risk private flood defence and drainage assets (statutory requirement)**

Some progress has been made, but is very time consuming. 10% complete.

**Measure 5.2 Develop technical advice for owners to guide them in preparing local maintenance plans (best practice)**

Work will commence during 2015/16.

**Outcome 6 - Investigate opportunities to reduce surface water run-off from the upper catchments and for flood storage in flood plain areas**

**Measure 6.1 Develop a register of land ownership for Denbighshire and neighbouring authority areas with shared catchments (best practice)**

Good progress has been made, 50% complete.

**Measure 6.2 Develop proposals to engage with significant landowners to employ land management techniques and initiatives which help to reduce the rate of surface water run-off (best practice)**

Most of the significant landowners within Denbighshire have been contacted as part of 6.1 above. The Clwyd and Elwy Catchment studies being carried out by Natural Resources Wales will support and complement this measure.

**Outcome 7 - Identify affordable, sustainable flood risk management projects**

**Measure 7.1 Review the Council's programme of flood risk management schemes (best practice)**

Complete, with the result that future fluvial and coastal flood risk management schemes have been prioritised.

**Measure 7.2 Use Flood Risk Management Plans to identify further measures to manage and reduce flood risk (statutory requirement)**

This measure will be developed in conjunction with the preparation of Flood Risk Management Plans.

**Measure 7.3 Encourage and promote community and private contribution towards the costs of flood schemes (statutory requirement)**

Work will commence during 2015/16.

**Measure 7.4 Continue to promote flood risk management schemes that might be eligible for Welsh Government grant aid (best practice)**

The Council communicates regularly with the Welsh Government regarding the prioritisation of schemes and the availability of government grant aid.

**Outcome 8 - Ensure local FRM knowledge is aligned with the Councils emergency planning procedures.**

**Measure 8.1 Embed the LFRMS into flood response and recovery plans and use developing knowledge on flood risk to “tune” emergency procedures (statutory requirement)**

Work will commence during 2015/16.

**Measure 8.2 Continue to develop Denbighshire County Council's Multi Agency Flood Plan (statutory requirement)**

Ongoing activity, in conjunction with the North Wales Councils Regional Emergency Planning Services and Natural Resources Wales.