

**OVERVIEW AND SCRUTINY REVIEW REPORT – FLOODING**  
**REVIEW OF RECOMMENDATIONS CONSIDERED BY CABINET ON: 10 SEPTEMBER, 2014**  
**UPDATE ON RECOMMENDATIONS – November 2016**

Review Recommendation	Progress report of action taken to implement recommendation	Resib'ty	Timescale																																							
<p>1) That Durham County Council continue to maximise the funding opportunities available for flood prevention schemes through the Flood Defence Local Levy, the Flood and Coastal Risk Management Grant in Aid Scheme and the EU funding programme 2014-2020.</p>	<p>Durham has 11 schemes on the Environment Agency's (EA) 6 year plan up to financial year ending 2021. Estimated value of works is £2.5 million.</p> <table border="1" data-bbox="882 496 1621 1174"> <thead> <tr> <th>Scheme</th> <th>Year</th> <th>Total Value £'000s</th> </tr> </thead> <tbody> <tr> <td>Greta Bridge</td> <td>16/17</td> <td>£106</td> </tr> <tr> <td>Murton</td> <td>16/17</td> <td>£250</td> </tr> <tr> <td>Sedgefield</td> <td>17/19</td> <td>£161</td> </tr> <tr> <td>Leadgate</td> <td>18/19</td> <td>£65</td> </tr> <tr> <td>Dipton</td> <td>18/19</td> <td>£43</td> </tr> <tr> <td>Lanchester</td> <td>18/20</td> <td>£941</td> </tr> <tr> <td>Shotley Bridge</td> <td>19/20</td> <td>£90</td> </tr> <tr> <td>Seaham Promenade</td> <td>19/20</td> <td>£475</td> </tr> <tr> <td>Esh Winning</td> <td>20/21</td> <td>£155</td> </tr> <tr> <td>Spennymoor</td> <td>20/21</td> <td>£126</td> </tr> <tr> <td>Crook</td> <td>20/21</td> <td>£126</td> </tr> <tr> <td></td> <td>Total</td> <td>£2,538</td> </tr> </tbody> </table> <p>Durham County Council (DCC) has submitted 7 schemes for the year 7+ (2021-2027) programme; estimated value of works is £1.1 million. This was submitted to the EA in June for consideration, confirmation that the schemes have been accepted for the 7+ programme will be approx. Feb 2017.</p>	Scheme	Year	Total Value £'000s	Greta Bridge	16/17	£106	Murton	16/17	£250	Sedgefield	17/19	£161	Leadgate	18/19	£65	Dipton	18/19	£43	Lanchester	18/20	£941	Shotley Bridge	19/20	£90	Seaham Promenade	19/20	£475	Esh Winning	20/21	£155	Spennymoor	20/21	£126	Crook	20/21	£126		Total	£2,538	<p>Neighbourhoods Technical Services</p>	<p>Ongoing</p>
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<b>Scheme</b>	<b>Year</b>	<b>Total Value £'000s</b>
Newton Aycliffe	21/22	£220
Haswell	21/22	£150
South Hetton	21/22	£110
Langley Park	21/22	£190
Durham	21/22	£167
Dalton le Dale	21/22	£91
Stanley	21/22	£179
	<b>Total</b>	<b>£1,107</b>

Northumbrian Water continues to play an active role in the Flood Risk Management (FRM) Partnership meetings with Durham County Council. We are actively sharing details regarding flood risk reduction projects within our respective capital programmes to identify the potential for collaborative working, shared funding possibilities and maximised benefits.

NW have agreed, through its role as a Risk Management Authority, to lead on the development of an integrated model of the Lanchester catchment. This will enable interactions between all flood sources to be identified and analysed.

In 2014 the principal drainage authorities across the north east of England (13 Lead Local Flood Authorities (LLFAs), Environment Agency (EA) and Northumbrian Water (NWL) recognised the benefits of integrated working in balancing reactive short term needs with longer term strategic planning for the provision of sustainable drainage systems. These authorities, as the Northumbria Integrated Drainage Partnership (NIDP), have worked together to produce and

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	<p>implement a regional risk based prioritisation methodology to promote a proactive approach to the delivery of their common aspirations. The actions of this group are complementary to and work in support of Strategic Flood Risk Management.</p> <p>The data sharing protocol we have agreed with the council allows us to share data and in particular models which have a value which can count as a formal contributions in support of LLFA funding applications</p> <p>The quarterly operational liaison meetings provide an early opportunity for the identification of integrated drainage issues.</p>		
<b>Review Recommendation</b>	<b>Progress report of action taken to implement recommendation</b>	<b>Resib'ty</b>	<b>Timescale</b>
<p>2) That the Environment and Sustainable Communities Overview and Scrutiny Committee in their role as the designated Flood and Coastal Erosion Risk Management Committee formalise the process for engaging with the Flood Risk Management Authorities within County Durham by meeting on an annual basis. As part of this role the committee would receive information from Northumbrian Water Limited on sewage treatment capacity within County Durham.</p>	<p>A Special meeting of Environment and Sustainable Communities Overview and Scrutiny Committee will take place in February which will receive information from the Flood Risk Management Authorities.</p> <p>Frequent meetings take place between Northumbrian Water, the Environment Agency and officers in Regeneration and Local Services to discuss capacity issues in relation to development sites.</p> <p>DCC commissioned AECOM to produce an updated Water Cycle Study and Strategic Flood Risk Assessment as part of the evidence base for the emerging County Durham Plan. These documents include a review of the flood risk and STW capacity in relation to proposed housing sites. This information was used by DCC to carry out the 'Sequential Test' in order to avoid the development of sites that are</p>	<p>Overview &amp; Scrutiny</p> <p>Spatial Policy</p>	<p>Ongoing</p> <p>The revised Strategic Flood Risk Assessment, Water Cycle Study and Sequential Test will be available as part of the Preferred Options consultation.</p>

	<p>inappropriate on flood risk grounds</p> <p>Northumbrian Water (NW) has continued to work with the forward planning team at the council to identify investment requirements for sewage treatment works (STW) upgrades to support housing growth.</p> <p>The most positive result is that a solution has been completed at Tudhoe Mill STW which serves the Spennymoor area. Additionally work has also been completed at Crookhall STW.</p> <p>In addition to this NW's latest 5 year Asset Management Plan (AMP 6) which commenced on 1<sup>st</sup> April 2015 includes for investment at the following STWs: Chilton and Windlestone, East Tanfield, Wolsingham, University, Aycliffe, Bear Park/Aldin Grange, Witton Gilbert and Tow Law.</p> <p>Frequent meetings between NW, Environment Agency and officers have taken place to work on the refresh of the Durham Water Cycle Study.</p> <p>Additionally liaison meetings between DCC Drainage Team and NW to discuss strategic and operational issues take place.</p>	Northumbrian Water	Ongoing
<b>Review Recommendation</b>	<b>Progress report of action taken to implement recommendation</b>	<b>Resib'ty</b>	<b>Timescale</b>
<p><b>3)</b> That the Environment and Sustainable Communities Overview and Scrutiny Committee receive the minutes of the Northumbria Regional Flood and Coastal Committee (NRFCC) and the Durham Strategic Flood Prevention Group (DSFPG) on a quarterly basis together with regular updates on:</p>	<p>SAB: Schedule 3 of the FWMA 2010 has not been enacted, rather Government decided to make amendments to the National Planning Policy Framework (NPPF), and as such the Planners are responsible for the overall implementation of SUDS within planning applications. This came into effect on the 6<sup>th</sup> April 2015, The Drainage and Coastal</p>	Neighbourhoods Technical Services	Ongoing

<ul style="list-style-type: none"> <li>• The development of Sustainable Urban Drainage Systems Approval Body (SAB).</li> <li>• Additional Drainage Area Studies (DAS) undertaken.</li> <li>• The development of the new approach to building community resilience.</li> <li>• Work undertaken with private land owners including detail of actions taken and any flood prevention measures implemented.</li> <li>• Lessons learned from flooding incidents.</li> </ul>	<p>Protection Team are statutory consultees and provide advice on all major developments:</p> <p>A major development is defined as:</p> <ul style="list-style-type: none"> <li>• a residential development: 10 dwellings or more or residential development with a site area of 0.5 hectares or more where the number of dwellings is not yet known</li> <li>• a non-residential development: provision of a building or buildings where the total floor space to be created is 1000 square metres or more or where the floor area is not yet known, a site area of 1 hectare or more.</li> </ul> <p>However, if a planning case officer, following consultation of the Strategic Flood Risk Assessment documents, feels that there is flood risk to minor developments then advice is provided from the Drainage and Coastal Protection Team for those also.</p> <p>Additional drainage areas: Northumbrian Water Limited (NWL) have 478 drainage areas across the region. After a risk analysis these were whittled down to 136, of which a large proportion are within Durham County. All areas have now been modelled. The next phase of the works for NWL is to develop community action plans with a view to go back and ‘tweak’ the Drainage Area Models if needed. There is an anticipated 5 year refresh program.</p> <p>Work undertaken with private land owners: The Drainage Team have regular involvement with private landowners, usually work is done with good active involvement on behalf of the landowner. However, sometimes we need to take more formal action. There are two recent examples where action has been taken</p>		
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	<p>against private land owners. Both involved damage to an existing highway drain but used different Acts for the enforcement action;</p> <ul style="list-style-type: none"> <li>• Highway Act 1980</li> <li>• Land Drainage Act 1991.</li> </ul> <p>One owner has eventually agreed and undertook works to repair the drain within their land, the other owner has not and DCC are carrying out the works in default, and are recovering the costs.</p> <p>Problems can arise on land that generates runoff during a significant storm and causes a flood, if the land has no watercourse features such as a stream or ditch or pipework, so in affect there is nothing to maintain, we then have no powers to require the landowner to make improvements.</p> <p>Further information can be found on DCC's website:</p> <p><a href="http://www.durham.gov.uk/article/3739/Land-drainage-and-watercourses">http://www.durham.gov.uk/article/3739/Land-drainage-and-watercourses</a></p> <p>A print-out of the web page is attached for information at appendix a</p> <p><b><u>Building Community Resilience</u></b></p> <p>CCU have now:-</p> <ul style="list-style-type: none"> <li>• Visited 17 schools in 2015/16 and 22 schools in 2016/17.</li> <li>• 5 community emergency plans (Dipton,</li> </ul>	CCU (SMJ)	Ongoing
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	<p>Hurworth, Lanchester, Chester Le Street, Neasham and Wolsingham).</p> <ul style="list-style-type: none"> <li>• Held 5 drop- in sessions in rapid response flood areas.</li> <li>• RainWorks with Shildon Youth Group.</li> <li>• Ran the Duke of Cornwall Community Safety Award with uniformed youth organisations, with 137 young people completing the award.</li> <li>• Organised and held Exercise Levantine for those that completed the community safety award.</li> <li>• Visited and spoken to 15 caravan site owners/managers whose caravan sites are in flood zones.</li> </ul> <p>As the emerging County Durham Plan currently has no weight in planning terms, Spatial Policy and Development Management are utilizing the DCC SuDS Adoption document as guidance for developers and planning applications.</p> <p>NWL have not undertaken any further DAS's as the studies cover the majority of growth across County Durham. If proposed development requires areas of the models to be refined this will be carried out to give greater confidence to assumptions made in the initial models.</p> <p>NW led a "SuDS for schools and communities" project which has now delivered SuDS installations at three schools in the region. One of these locations was Woodhouse Close Primary School at Bishop Auckland where swales, wetlands and rain gardens have been created to provide flood risk reduction benefits as well as providing a vehicle for education and engagement with the children, parents and the wider community.</p>	<p>Spatial Policy</p> <p>Northumbrian Water</p>	<p>Ongoing</p> <p>Ongoing</p>
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	At the FRM meetings we discussed the principle of implementing community based projects in the form of Community Action Plans that would include aspects of engagement, education, water efficiency, flood risk reduction and flood resilience. We have branded these projects as “Rainwise” and projects at Seaham, Easington, Bishop Auckland and Barnard Castle have been launched.		
<b>Review Recommendation</b>	<b>Progress report of action taken to implement recommendation</b>	<b>Resib'ty</b>	<b>Timescale</b>
4) That the importance of Policy 46 in the emerging County Durham Plan is highlighted in relation to managing flood risk.	<p>Policy 46: The Drainage Team and the Planners have been constantly working together and the policy has recently been amended and updated to incorporate the changes to the NPPF and reflect Defra’s technical standards for SUDS. Advice provided by the Drainage Team on planning applications and other drainage matters already reflects that information and advice in the policy.</p> <p>Whilst this appears to be an action for Durham County Council, NW would wish to comment on Policy 46.</p> <p>In responding to emerging Local Plans with other local planning authorities across the region we directly reference Policy 46 as being exemplar for the region and actively encourage other councils to consider and implement similarly worded policies.</p> <p>Newcastle and Gateshead councils’ local plan which has been through the examination in public stage included such a policy and Northumberland County Council’s and North Tyneside Council’s current consultation includes policy wording which mirrors the Durham approach.</p>	<p>Neighbourhoods Technical Services</p> <p>Northumbrian Water</p>	<p>Ongoing</p> <p>Ongoing</p>



	<p>The Water Management Policy (formerly Policy 46) in the emerging County Durham Plan has been updated in partnership with Northumbrian Water, the Environment Agency and DCC Drainage Team to ensure that it accords with the most up to date legislation and guidance. The policy has also been reviewed in light of comments as part of the County Durham Plan Issues and Options consultation.</p>	Spatial Policy	The policy wording will be available for comment as part of the Preferred Options consultation.
<b>Review Recommendation</b>	<b>Progress report of action taken to implement recommendation</b>	<b>Resib'ty</b>	<b>Timescale</b>
<p>5) That Durham County Council establishes the appropriate mechanisms to enable it to collect any charges in respect of Sustainable Urban Drainage Systems (SuDS) that have been adopted by the council.</p>	<p>Durham County Council has developed a SUDS adoption policy, where an option is made available to a developer for them to have DCC adopt and maintain a SUD on a development. The maintenance works are paid for by an annual payment made by the residents that are served by the SUD. This payment is collected by DCC's finance section.</p> <p>As discussed in section 3 of this document - Schedule 3 of the Flood and Water Management Act 2010 has not been enacted and been replaced by changes to the National Planning Policy Framework.</p>	Neighbourhoods Technical Services	Ongoing

