

# Flood Risk Management (Scotland) Act 2009:

## Tweed Local Plan District Local Flood Risk Management Plan INTERIM REPORT



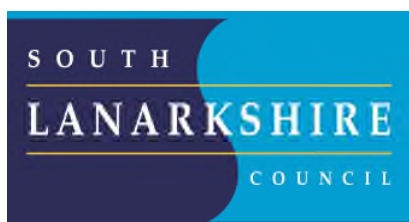
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## Foreword

This INTERIM REPORT to the Local Flood Risk Management Plan shows the progress made in delivering the actions to avoid and reduce the risk of flooding, and prepare and protect ourselves and our communities across the local plan district.

*“The impacts of flooding experienced by individuals, communities and businesses can be devastating and long lasting. It is vital that we continue to reduce the risk of any such future events and improve Scotland’s ability to manage and recover from any events which do occur.”*

(Tweed Local Flood Risk Management Plan, June 2016)

The publication of the INTERIM REPORT shows that the coordinated and collaborative efforts of public bodies can be brought together to deliver sustainable outcomes.

The INTERIM REPORT is published by Scottish Borders Council on behalf of a partnership comprising two local authorities: Scottish Borders Council & South Lanarkshire Council as well as Scottish Water, SEPA and Forestry Commission Scotland.

Individuals are the first line of defence against flooding and have responsibilities to protect themselves from flooding. Through self-help and property level protection, awareness raising and signing up to Floodline, individuals, businesses and communities can and have made key contributions to the delivery of the actions in the Plan, which are detailed in this INTERIM REPORT.

Since the publication of the Plan in June 2016, public sector finances in Scotland have continued to be under considerable pressure. This places an even greater responsibility on SEPA, local authorities and Scottish Water and other responsible authorities to deliver their flood risk management responsibilities and, in particular the actions in the Plan, to manage flooding in a sustainable way.

SEPA, local authorities and Scottish Water and other responsible authorities will continue to work collaboratively to implement the actions in the Plan to its conclusion in June 2022.

## Background

The INTERIM REPORT is a legal requirement of the Flood Risk Management (Scotland) Act 2009 (Section 37). The INTERIM REPORT is required to be published between July 2018 and June 2019. The INTERIM REPORT includes the conclusions of a review of the Tweed Local Flood Risk Management Plan (the 'Plan'), published in June 2016 and includes information on the progress that has been made towards implementing the actions identified in the Plan.

Further details on flood risk management responsibilities in Scotland and the legal requirement for the publication of this INTERIM REPORT can be found in Appendix 1.

A copy of the Tweed Local Flood Risk Management Plan can be found at the follow link.

[Tweed Local Flood Risk Management Plan](#)

## Review of the Plan

This section sets out the conclusions of the review of the plan and a summary of progress of actions detailed in the Tweed Local Flood Risk Management Plan. It draws upon the assessment of progress of actions presented in the subsequent sections.

### Key progress in reducing the impacts of flooding since publication

- *Selkirk Flood Protection Scheme was officially opened on 27 February 2017.*
- *Hawick Flood Protection Scheme is under development. Scottish Borders Council approved the scheme on 21 December 2017. Detailed design is ongoing with construction programmed to commence in January 2020.*
- *Jedburgh (Skiprunning Burn) Flood Protection Scheme was completed in spring 2016 and provides flood risk mitigation to the town centre of Jedburgh from the Skiprunning Burn.*
- *A number of flood protection studies are progressing and the initial outputs of flood risk mitigation proposals have been presented at public exhibitions covering the following areas:  
Peebles, Broughton & Innerleithen;  
Newcastleton;  
Earlston.*
- *Scottish Borders Council continues to promote and support the creation of Resilient Communities Groups. 46 Resilient Community Groups out of 67 Community Council Areas are now set up and have active resilience groups.*
- *A Property Level Protection Scheme was delivered to 39 properties in low lying areas of Peebles which are at high risk of flooding from the River Tweed.*
- *Awareness raising has been on-going in the Tweed LPD. Partnership working between responsible authorities has continued, informing the public of the flood risk in the LPD and what they can do to help themselves. SEPA have been proactive in raising awareness with the future generation by actively engaging with Education Scotland and embedding awareness to flooding in the Curriculum for Excellence.*
- *There are thirteen Section 16 sewer assessments programmed for this FRM Cycle. Scottish Water has completed four with a further three already started. It is envisaged that the current programme of S16 assessments will be completed by the end of this FRM cycle.*
- *SEPA has been working closely with the Scottish Borders Council to improve understanding of flooding in the area through mapping and modelling.*
- *SEPA has continued to operate the Scottish Flood Forecasting Service Partnership with the Met Office. Daily, national flood guidance statements are issued to Category 1 and 2 agencies (such as emergency responders, local authorities and other organisations with flooding management duties). Each daily statement gives an assessment of the risk of flooding for the next five days to help enable these organisations to put preparations in place to reduce the impact of flooding. SEPA's Flood Alert service is freely available to everyone and helps enable communities to be aware and prepared to reduce the impacts of flooding. SEPA has also continued to provide the flood warning service to a number of locations within the Tweed Local Plan District.*

## How current is the Plan?

The Plan was published in June 2016 supplementing the Flood Risk Management Strategy published by SEPA in December 2015. The Plan details how the actions identified in the Strategy were to be implemented over the period 2016 to 2022. The Strategy and Plan are based on the National Flood Risk Assessment and the designated Potentially Vulnerable Areas at that time.

Since the identification of the actions in the Plan, there have and continue to be advancements in our knowledge and assessment techniques. These include the publication by SEPA of an updated National Flood Risk Assessment and Potentially Vulnerable Areas in December 2018. These advancements may inform the delivery of the actions in this Plan and will be used in the development of future Strategies and Plans.

It is therefore considered that the Plan on which this INTERIM REPORT is based is current, albeit the planned delivery and actual delivery of actions has changed for some actions as detailed in the 'Assessment of the progress of actions'.

## Significant Challenges

Based on a review of the assessment of the progress of actions detailed in this INTERIM REPORT, the following key challenges and issues have been identified that have or may have an impact on the delivery of actions to manage flood risk. Arrangements planned to deliver the remaining actions are described below. Where these challenges have had an impact on the delivery of specific actions or actions across an LPD, this is detailed in the 'Assessment of the progress of actions'.

However, the overall delivery of actions in the Plan has not been impacted by funding and resource issues.

## Significant Weather Events

The Tweed LPD was adversely affected by significant weather from early December 2015 to February 2016. This included a number of named storms particularly Storm Desmond and Storm Frank which caused extensive flooding to some of the larger Border towns and isolated many rural communities in the area, there was also significant impacts on the local road network. This in turn had a knock on effect on the initial delivery of actions in the Plan from June 2016 onwards with resources deployed to deal with the aftermath of the flooding.

## Funding

The actions in the Plan to meet agreed goals and objectives in the first six-year cycle considered what would be achievable assuming a similar level of funding for flood risk management activities from The Scottish Government. However, given the timing of spending reviews and annualised financial settlements for local government, the actual ability to deliver all the actions set in the Strategies in December 2015 and detailed in this Plan will be dependent on the availability of the necessary funding in each year of the six year Plan', (Tweed Local Flood Risk Management Plan, June 2016).

The level of funding from Scottish Government for flood risk activities for the first years of the six year plan has been at the levels anticipated. As per the principals of financial settlements for local government, the

funding is not 'ring fenced'; however thus far Scottish Borders Council and South Lanarkshire Council have committed to the allocation of these funds to the deliver the actions of the Tweed Local Flood Risk Management Plan.

## Allocation of Resources

The delivery of flood risk management actions must be seen in the context of challenging local government finances and increased expectation and demand for public services. This applies to all of the responsible authorities and SEPA.

The impact on the level of funding from Scottish Government in general settlements for local government and in respect of funding for other responsible authorities and SEPA may also have had an effect on the availability and allocation of resources. There is a challenge for priority of flood risk with and against many other worthy demands on public spending.

### Hawick Flood Protection Scheme

The development and design of the Hawick Flood Protection Scheme as a standalone project is complete. However the presence of a flood scheme being delivered has led to stakeholders and the public identifying a number of other projects to enhance the town. This has had an impact on the delivery and commencement of construction for the flood scheme (6 month delay, now January 2020) to allow these other projects to be developed and delivered by the Hawick Flood Protection Scheme due to the close links between all the projects. Construction of the scheme is now scheduled for completion in November 2022.

## Other Actions

- Facilitated the delivery of a property level protection scheme for the Peebles Tweed Green area. Funded from the flood grant money provided in the aftermath of Storms Desmond and Frank, this provides greater resilience to flooding for 39 properties in this area.
- Facilitated bank reinstatement & retaining wall works in the aftermath of Storms Desmond & Frank to the garden areas which bound the Rule Water to the rear of Weens Place, Bonchester Bridge.
- Storm damage repairs to significant stretches of banking at Liddesdale Crescent, Hawick which was impacting on properties as a result of erosion from the Slitrig Water.
- Upgrade of priority culvert inlet trash screen on the Bakehouse Burn, Galashiels to reduce the risk of flooding to the centre of Galashiels.
- Gala Water Catchment – Partners Tweed Forum have been active in planting circa 90ha of native riparian and hillslope woodlands and also the introduction of 16 ponds for flood water retention and wildlife habitats. Tweed Forum in partnership with SEPA also successfully undertook riverbank stabilisation works at two farms in the catchment.
- Teviot Catchment – Partners Tweed Forum have planted 48ha of riparian woodland across 5 farms and also in partnership with SEPA helped implement riverbank stabilisation at 1 farm. Prior to the publication of the LFRMP, 4.5ha of riparian woodland planting and a new tributary channel were created at Bowanhill Farm.
- Bowmont Water Catchment – 57ha of riparian woodland planted across 3 farms and innovative trials undertaken of 4 types of bank stabilisation and log jams for catching sediment.



- Eddleston Water Catchment - Tweed Forum in partnership with key stakeholder are investigating the concept of NFM through a number of measures implemented in this catchment. To date the following NFM measures have been installed;
  - 207ha of riparian woodland created, which will help increase rainfall interception, evapotranspiration, soil infiltration and slow overland flow
  - 21km of fencing erected and just under 300,000 native trees planted
  - 2.2km of river re-meandered. This has increased river length, reduced the slope and speed of the water flow and provided more space for flood waters, as well as creating new habitats and improving the landscape.
  - 2.9 km of flood embankments removed
  - 116 'high flow restrictors' installed that will encourage out-of-bank flow and hold back water in the headwaters
  - 28 leaky ponds created (12,155 m2). These wetland features have a good deal of 'free board' built in so that they will store water during intense rainfall events.

**Click below for more information**

<http://tweedforum.org/our-work/projects/the-eddleston-water-project/>

- Biggar Water Catchment - Tweed Forum is working with SEPA to investigate the potential of reducing flooding through Biggar and Broughton. An Initial report on how this could be done has been produced and is now going out for wider consultation.

## Prioritisation of actions for next cycle

Many actions contained in the plan are to undertake studies that will assess the need for further actions to be implemented in future plans. For example, a flood protection study may recommend that a community flood action group is set up to increase resilience to flooding, or that flood defences are constructed. This introduces a deadline date by when such actions need to be detailed and submitted by responsible authorities for consideration as actions in the next plans from 2022-28. The deadline date for submission of these actions to SEPA has been set as December 2019. The actions submitted will then be assessed and prioritised against the flood risk objectives, and consulted upon ahead of the publication of the next cycle of Flood Risk Management Strategies in December 2021 and Local Flood Risk Management Plans in June 2022. Any actions that miss this deadline may therefore be delayed for consideration in the next cycle from 2028-34.

## Arrangements planned to deliver the remaining actions

The actions in the Plan will continue to be delivered over the remainder of the 2016 to 2022 period. This will be as per the published Plan, subject to revisions in delivery dates as detailed in the 'Assessment of the progress of actions' section of this INTERIM REPORT.

Where specific measures are required to address a delay and ensure an action is completed then this is described against the relevant action. In addition where there is a risk that remaining actions will not be delivered by the end of the Plan, planned contingencies have been considered, which are described against the relevant action.

## Next Steps

A Final Report on the plan will be published in between July 2021 and June 2022. This will include an updated assessment of the progress made towards implementing the current actions, a summary of the current measures which were not implemented, with reasons for their non-implementation; and a description of any other measures implemented since the plan was finalised which the lead authority considers have contributed to the achievement of the flood risk objectives.

In the meantime, to find out more about how flood risk is being managed please read the [Tweed Local Flood Risk Management Plan](#)

## Conclusion

To date the delivery of actions within the Tweed Local Flood Risk Management Plan has been progressing well. It is envisaged that the delivery of most actions within the Tweed LFRMP will be completed by 2022 and within the agreed funding cycles.

The Flood and Natural Flood Management Studies will be fully complete by 2022, with many of the target study areas being complete by December 2019 to feed into the national prioritisation process to inform the next FRM Cycle 2022 – 2028.

The completion date for the Hawick Flood Protection Scheme has been put back to November 2022 due to the additional work required to develop the opportunities with partners that have manifested due to the presence of the scheme. Although the completion date is out with the time scales for completion of the 1<sup>st</sup> FRM Cycle (June 2022), the scheme still falls within the national 10 year funding period (2016 – 2026) agreed to deliver the schemes in the in the 1<sup>st</sup> FRM Cycle 2016 – 2022. It should be noted that the Hawick Flood Protection Scheme is a good example of a holistic approach being taken in parallel with the core objective to mitigating flood risk. The project will deliver opportunities with partners and the community to not only leave the town protected from a 1 in 75 year return period flood event but a positive, sustainable and resilient community.

Partnership working between the responsible authorities remains strong with awareness raising and data sharing activities happening with more regular occurrences across the Tweed Catchment.

The Tweed Local Plan District benefits from being mostly covered by the Scottish Borders Council area with the exception of Biggar in South Lanarkshire. As Lead Authority we believe that this has been a significant contributing factor to the successful progress so far in delivering the actions in the Tweed Local Flood Risk Management Plan.

## Assessment of progress

This section sets out an assessment of the progress towards implementing the actions set out in the Tweed LFRMP.

There are actions that apply across the whole of the Tweed LPD and actions that are specific to each of the 13 Potentially Vulnerable Areas (as defined under Section 13 of the Act) in the TWEED LPD, which are shown below in Figure 1.

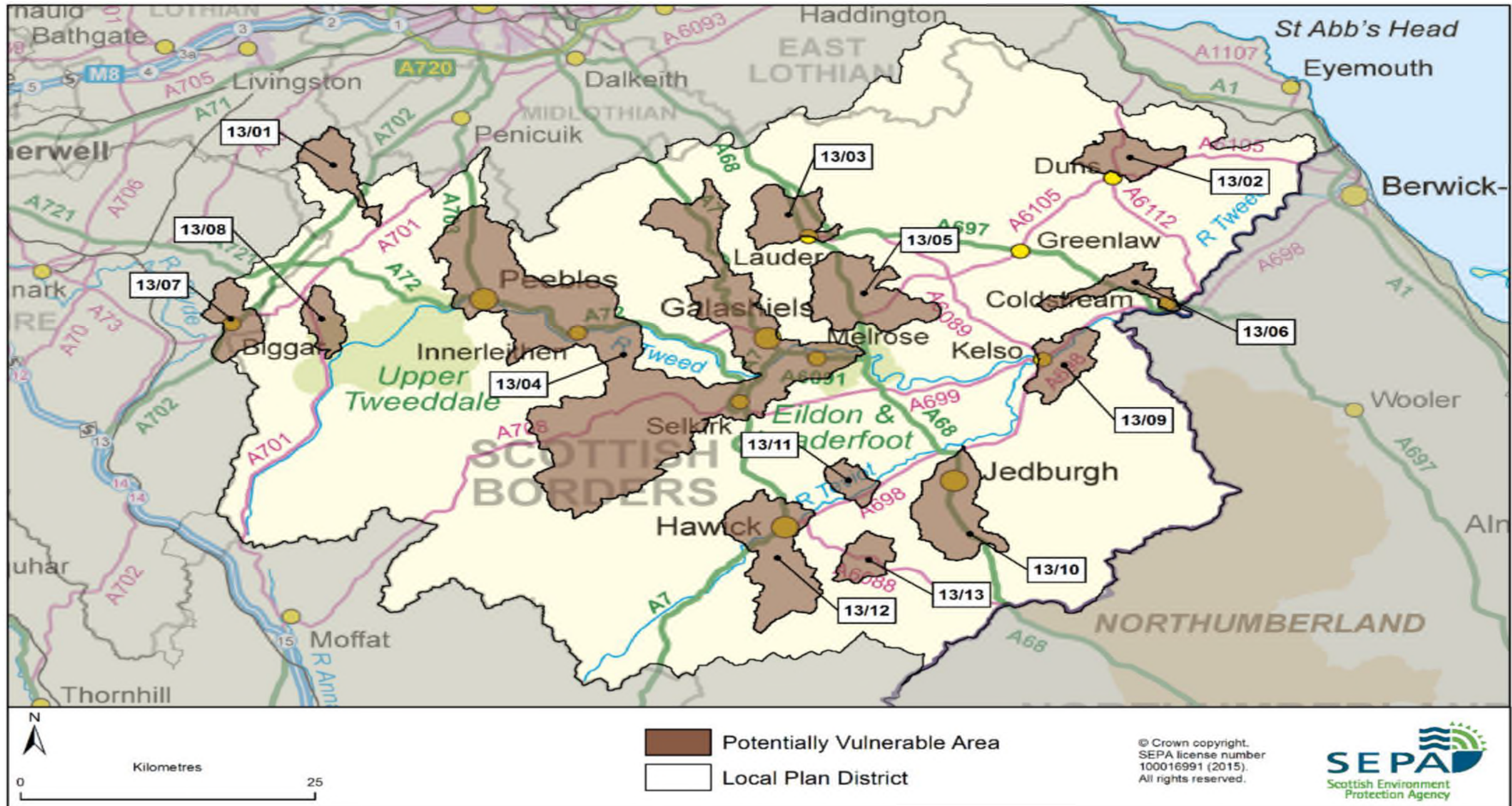


Figure 1: The Tweed Local Plan District with Potentially Vulnerable Areas identified

Reproduced from Tweed Local Plan District Flood Risk Management Strategy, SEPA (December 2015)

Tweed Local Flood Risk Management Plan 2016-2022: INTERIM REPORT

The actions that apply to individual PVA across the Tweed LPD are shown in Figure 2. The summary of the assessment of progress is shown using the traffic light system, where each item is marked as Red, Amber or Green (RAG) and where:

- **GREEN** – Action has been delivered, is on programme and within budget;
- **AMBER** – Action is behind programme and/or over budget, but the key dates are still anticipated to be met.
- **RED** – Action is behind programme and/or over budget, with key dates unlikely to be met and/or the outputs unlikely to achieve what was anticipated by the LFRMP.

PVA	Flood protections scheme/works	Natural flood management works	New flood warning	Flood protection study	Natural flood management study	Surface water plan/study	Strategic mapping and modelling		Maintain flood protection scheme*	Maintain flood warning	Flood forecasting	Property level protection scheme	Community flood action groups	Self help	Awareness raising	Maintenance	Site protection plans	Emergency plans/response	Planning policies
13/01 West Linton							R	A		G	G			G	G	G		G	G
13/02 Preston										G	G			G	G	G		G	G
13/03 Lauder							A	G	G		G			G	G	G		G	G
13/04 Eddleston/Peebles/Innerleithen/Selkirk/Stow & Galashiels	G			G	A	G	A	R	G	G	G		G	G	G	G		G	G
13/05 Earlston				G			A	R	G	G	G			G	G	G		G	G
13/06 Coldstream							G			G	G			G	G	G		G	G
13/07 Biggar				A			A	A	G		G			G	G	G		G	G
13/08 Broughton				G			A				G			G	G	G		G	G
13/09 Kelso							G			G	G			G	G	G		G	G
13/10 Jedburgh							G		G	G	G	G	G	G	G	G		G	G
13/11 Denholm									G	G	G			G	G	G		G	G
13/12 Hawick	R				G	A	G	A		G	G		G	G	G	G		G	G
13/13 Bonchester Bridge											G			G	G	G		G	G

Figure 2: Summary of progress of actions to manage flood risk in the Potentially Vulnerable Areas of the Tweed Local Plan District

## **Tweed LPD Wide Actions - Assessment of progress**

This section sets out an assessment of the progress towards implementing actions that apply across the whole of the Tweed LPD over all years of the six-year plan, which is presented in Figure 3 overleaf.

Action	Status	Description	Delivery Lead	Interim progress	Planned actions to complete
<b>Flood forecasting</b> <a href="#">Click below:</a> <a href="#">PVA 13/01</a> <a href="#">PVA 13/02</a> <a href="#">PVA 13/03</a> <a href="#">PVA 13/04</a> <a href="#">PVA 13/05</a> <a href="#">PVA 13/06</a> <a href="#">PVA 13/07</a> <a href="#">PVA 13/08</a> <a href="#">PVA 13/09</a> <a href="#">PVA 13/10</a> <a href="#">PVA 13/11</a> <a href="#">PVA 13/12</a> <a href="#">PVA 13/13</a>	G	<p>The Scottish Flood Forecasting Service is a joint initiative between SEPA and the Met Office that produces daily, national flood guidance statements which are issued to Category 1 and 2 Responders. The flood guidance statements provide an assessment of the risk of flooding for a five day period allowing responders time to put preparations in place to reduce the impact of flooding. The service also provides information which allows SEPA to issue flood warnings, giving people a better chance of reducing the impact of flooding on their home or business. For more information please visit SEPA's Website</p>	SEPA	SEPA has continued to operate the Scottish Flood Forecasting Service (SFFS) Partnership with the Met Office with daily, national Flood Guidance Statements issued to Category 1 and 2 agencies (such as emergency responders, local authorities and other organisations with flooding management duties) and regional Flood Alerts issued to the public. Each daily statement gives an assessment of the risk of flooding for the next five days to enable these organisations to put preparations in place to reduce the impact of flooding. SEPA's Flood Alert service is freely available to everyone and enables communities to be aware and prepared to reduce the impacts of flooding.	SEPA will continue and improve the Scottish Flood Forecasting Service (SFFS) with the Met Office, with daily Flood Guidance Statements and regional Flood Alerts issued as required to enable communities and responders to reduce the impacts of flooding. SEPA is currently exploring options to develop a public version of the daily Flood Guidance Statement to provide better and earlier information to the public.
<b>Self help</b> <a href="#">Click below:</a> <a href="#">PVA 13/01</a> <a href="#">PVA 13/02</a> <a href="#">PVA 13/03</a> <a href="#">PVA 13/04</a> <a href="#">PVA 13/05</a> <a href="#">PVA 13/06</a> <a href="#">PVA 13/07</a> <a href="#">PVA 13/08</a> <a href="#">PVA 13/09</a> <a href="#">PVA 13/10</a> <a href="#">PVA 13/11</a> <a href="#">PVA 13/12</a> <a href="#">PVA 13/13</a>	G	<p>Everyone is responsible for protecting themselves and their property from flooding. Property and business owners can take simple steps to reduce damage and disruption to their homes and businesses should flooding happen. This includes preparing a flood plan and flood kit, installing property level protection, signing up to Floodline and Resilient Communities Initiatives, and ensuring that properties and businesses are insured against flood damage.</p>	All Responsible Authorities	<p><b>Scottish Borders Council</b> - operates a subsidised Flood Product Scheme throughout the Scottish Borders to offer all residents' access to affordable Property Level Protection. This is promoted through attendance at community meetings and undertaking visits to properties as requested. A Property Level Protection Scheme has been implemented by Scottish Borders Council to increase flood resilience at an area of frequent flooding in Peebles. Scottish Borders Council Emergency Planning continues to promote and implement the Resilient Communities Scheme, signing up 46 of 67 community areas within the Scottish Borders.</p> <p><b>South Lanarkshire Council</b> - provide advice to those affected by flooding with regards to available property level flood protection products, techniques and potential funding opportunities to reduce flood risk.</p>	<p><b>Scottish Borders Council</b> - to continue providing a Subsidised Flood Protection Product Scheme throughout the Scottish Borders to offer all residents access to affordable flood products.</p> <p><b>South Lanarkshire Council</b> - will continue to offer advice and will work with Scottish Flood Forum in relation to Self Help requests from those affected by flooding.</p>
<b>Awareness raising</b> <a href="#">Click below:</a> <a href="#">PVA 13/01</a> <a href="#">PVA 13/02</a> <a href="#">PVA 13/03</a> <a href="#">PVA 13/04</a> <a href="#">PVA 13/05</a> <a href="#">PVA 13/06</a> <a href="#">PVA 13/07</a> <a href="#">PVA 13/08</a> <a href="#">PVA 13/09</a> <a href="#">PVA 13/10</a> <a href="#">PVA 13/11</a> <a href="#">PVA 13/12</a> <a href="#">PVA 13/13</a>	G	<p>SEPA and the responsible authorities have a duty to raise public awareness of flood risk. Improved awareness of flood risk and actions that prepare individuals, homes and businesses for flooding can reduce the overall impact.</p> <p><b>Scottish Water</b> will support SEPA and responsible authorities with their awareness raising activities as required and provide targeted flooding communications for Scottish Water specific activities. Scottish Water will raise awareness by producing and supplying targeted information to the public on large capital projects and detailed local studies. More general information and flooding guidance will be available on the Scottish Water website. <a href="#">Click here</a></p>	All Responsible Authorities	<p><b>SEPA</b> - has delivered a range of awareness raising activities through campaigning, education activities and partnership delivery. SEPA have run national and local digital and direct engagement campaigns to raise awareness of flood risk and SEPA's flood warning service, Floodline. SEPA publish and publicise an electronic newsletter (Flooding Gateway) four times a year which is distributed to a wide audience. SEPA are also working with Education Scotland and Scottish Government Resilience team to embed flooding awareness within the Curriculum for Excellence, and resilience partners in Safer Communities programmes. SEPA have also developed an online tool that helps everyone share information on current flooding issues (Report-a-Flood). SEPA have worked in partnership with local authorities, emergency services and community organisations (e.g. Neighbourhood Watch Scotland, Citizens Advice Scotland and others) to share resources and help to promote preparedness and understanding of how we manage flood risk in Scotland. SEPA have</p>	<p><b>SEPA</b> - will continue to raise awareness of flood risk through campaigning, developing education and engagement tools, creating new partnerships and improving the flood warning and forecasting service. Many of our awareness raising activities currently underway will continue. SEPA will focus on promoting the flood warning and forecasting service, innovation, education and engagement with partners, customers and the public.</p> <p><b>Scottish Borders Council</b> - will continue to raise awareness of flood risk through flood schemes and flood studies liaising closely with the public in the areas being assessed. Scottish Borders Council will continue to work closely with flood action groups and resilience groups to encourage actions to raise awareness of flood risk within</p>

		<p><b>SEPA</b> will undertake flood risk education and awareness raising activities. In addition, SEPA will engage with the Council and community resilience groups and participate in property level protection events delivered by the Scottish Flood Forum where possible. Across Scotland, SEPA will create and share communication and education resources with other responsible authorities. These resources will include awareness campaigns, media and marketing activity and promotion of SEPA's flood forecasting and warning services (Floodline). Where they exist, SEPA will engage with community resilience groups and community safety partnerships.</p>		<p>actively supported the Scottish Flood Forum and worked closely with UK agencies to develop joint flooding information.</p> <p><b>Scottish Borders Council</b> - now operates and continues to set up resilient communities' schemes in the Borders, signing up 46 of 67 community areas within the Scottish Borders. The Council worked with FloodRe in some Border Towns to increase awareness of the new FloodRe Insurance Scheme which provides affordable insurance for those properties at flood risk. Scottish Borders Council continues to work closely with flood action groups and resilience groups to encourage actions to raise awareness of flood risk within the Scottish Borders. This includes letter dropping and attending Community Council and Local Flood Group Meetings.</p> <p><b>South Lanarkshire Council</b> - continue to work alongside Scottish Water and SEPA to raise public awareness of flood risk. SLC's annual Winter Awareness Campaign includes information on flooding and is cascaded to staff and the public via the Council's social media accounts.</p>	<p>the Scottish Borders. The Council will continue to raise awareness of the Council-run Subsidised Flood Product Scheme to provide affordable Property Level Protection. SBC will also continue to work on the resilient communities' initiative, with priority in working with the remaining 21 communities to introduce resilient community groups in those areas.</p> <p><b>South Lanarkshire Council</b> - will continue to work with Scottish Water and SEPA to raise public awareness of Flood Risk. SLC's annual Winter Awareness Campaign will continue to include information on flooding which will be cascaded to staff and the public via the Council's social media accounts. SLC will also continue to raise public awareness during the LFRMP 2 Consultation process.</p>
<p><b>Maintenance</b>  <a href="#">Click below:</a>  <a href="#">PVA 13/01</a>  <a href="#">PVA 13/02</a>  <a href="#">PVA 13/03</a>  <a href="#">PVA 13/04</a>  <a href="#">PVA 13/05</a>  <a href="#">PVA 13/06</a>  <a href="#">PVA 13/07</a>  <a href="#">PVA 13/08</a>  <a href="#">PVA 13/09</a>  <a href="#">PVA 13/10</a>  <a href="#">PVA 13/11</a>  <a href="#">PVA 13/12</a>  <a href="#">PVA 13/13</a></p>	<p><b>G</b></p>	<p>Local authorities have a duty to assess watercourses and carry out clearance and repair works where such works would substantially reduce flood risk. They produce schedules of clearance and repair works and make these available for public inspection. Scottish Water undertake risk based inspection, maintenance and repair on the public sewer network. Asset owners and riparian landowners are responsible for the maintenance and management of their own assets including those which help to reduce flood risk.</p>	<p><b>Local Authorities</b></p>	<p><b>Scottish Borders Council</b> - has undertaken inspections of 15 of 15 (100%) of flood protection schemes within the Scottish Borders. The Council has also carried out water course inspections of 128 of 129 (99%) watercourses within the area as well as undertaking clearance and repair works to reduce flood risk as per Section 18, Clearance &amp; Repair Schedule.</p> <p><b>South Lanarkshire Council</b> - undertake regular assessment and clearance of watercourses. SLC monitor the water levels and debris accumulations of the most at-risk flood locations, a network of watercourse telemetry equipment is maintained to provide real-time flood warnings.</p>	<p><b>Scottish Borders Council</b> - continue to undertake a regime of watercourse inspections on a risk-based approach, updating the Section 18 Clearance &amp; Repair Schedule and undertaking the necessary repairs to reduce flood risk.</p> <p><b>South Lanarkshire Council</b> – will continue to assess and maintain watercourses within the SLC area. Continue to review the application of the SLC watercourse telemetry network.</p>
<p><b>Emergency plans/response</b>  <a href="#">Click below:</a>  <a href="#">PVA 13/01</a>  <a href="#">PVA 13/02</a>  <a href="#">PVA 13/03</a>  <a href="#">PVA 13/04</a>  <a href="#">PVA 13/05</a>  <a href="#">PVA 13/06</a>  <a href="#">PVA 13/07</a>  <a href="#">PVA 13/08</a>  <a href="#">PVA 13/09</a>  <a href="#">PVA 13/10</a>  <a href="#">PVA 13/11</a>  <a href="#">PVA 13/12</a>  <a href="#">PVA 13/13</a></p>	<p><b>G</b></p>	<p>Providing an emergency response to flooding is the responsibility of many organisations, including local authorities, the emergency services and SEPA. Effective management of an emergency response relies on emergency plans that are prepared under the Civil Contingencies Act 2004 by Category 1 and 2 Responders. Scottish Water is a Category 2 responder under the Civil Contingencies Act 2004 and will support regional and local resilience partnerships as required. The emergency response by these organisations is coordinated through regional and local resilience partnerships. This response may be supported by the work of voluntary organisations.</p>	<p><b>Category 1 &amp; 2 Responders</b></p>	<p><b>Scottish Borders Council</b> - Reviewed and updated Severe Weather Plan in July 2018. This included review and update of the Council's emergency response procedures, flood gate procedures and flood warning procedures. Introduced strategic severe weather co-ordination group to co-ordinate emergency response. Initiated co-ordinated approaches during emergency situations, including named Storms, with representation from all Category 1 and Category 2 responders including Scottish Water, Emergency Services and voluntary groups through the Joint Agency Control Centre (Bunker) at Scottish Borders Council Headquarters.</p> <p><b>South Lanarkshire Council</b> - is a Category 1 responder that work on a day-to-day basis with emergency services including Police, Fire and the NHS to ensure the safety and wellbeing of our communities during emergencies.</p>	<p><b>All</b> - Responders will continue a co-ordinated approach to emergency situations to initiate relevant Emergency Plans as appropriate in relation to Met office weather warnings and SEPA flood warning information.</p> <p><b>Scottish Borders Council</b> - to continue to revise and develop relevant Emergency Plans as new information becomes available. SBC will also continue to undertake duties as Category 1 responders under the Civil Contingencies Act 2004 and contribute towards Resilience Partnership groups at local and regional levels.</p> <p><b>South Lanarkshire Council</b> - have an Emergency Management Team, led by a Contingency Planning Officer and made up of senior managers representing each</p>

					main department, which take responsibility for preparing and responding to emergencies. The Council's Flood Risk Management Team are represented on the Council's EMT.
<p><b>Planning Policy</b></p> <p><a href="#">Click to return:</a>  <a href="#">PVA 13/01</a>  <a href="#">PVA 13/02</a>  <a href="#">PVA 13/03</a>  <a href="#">PVA 13/04</a>  <a href="#">PVA 13/05</a>  <a href="#">PVA 13/06</a>  <a href="#">PVA 13/07</a>  <a href="#">PVA 13/08</a>  <a href="#">PVA 13/09</a>  <a href="#">PVA 13/10</a>  <a href="#">PVA 13/11</a>  <a href="#">PVA 13/12</a>  <a href="#">PVA 13/13</a></p>	<b>G</b>	<p>Scottish Planning Policy and accompanying Planning Advice Notes set out Scottish Ministers' priorities for the operation of the planning system and for the development and use of land. In terms of flood risk management, the policy supports a catchment-scale approach to sustainable flood risk management and aims to build the resilience of our cities and towns, encourage sustainable land management in our rural areas, and to address the long-term vulnerability of parts of our coasts and islands. Under this approach, new development in areas with medium to high likelihood of flooding should be avoided.</p>	<p><b>Planning Authority</b></p>	<p><b>SEPA</b> - As the statutory body for flooding SEPA has provided flood risk advice to planning authorities through the formal planning process.</p> <p><b>Scottish Borders Council</b> - will provide advice as the local flood authority on local planning publications within the Scottish Borders, including the Housing Supplementary Guidance and the Main Issues Report which supplements the Local Development Plan 2, ensuring that these assess all aspects of flood risk, encourage sustainable flood risk management and comply with Scottish Planning Policy and the FRM Act 2009. Scottish Borders Council's Flood &amp; Coastal Management Team will provide advice as the local flood authority on all relevant planning applications, ensuring there is an appropriate assessment of all aspects of flood risk, encourage sustainable flood risk management and comply with Scottish Planning Policy and the FRM Act 2009.</p> <p><b>South Lanarkshire Council</b> - The Council's Flood Risk Management team are consulted regularly to review planning applications in relation to flood risk. The Council's Local Development Plan also outlines the Council's flood risk requirements for proposed developments.</p>	<p>SEPA, Scottish Borders Council and South Lanarkshire Council will continue to provide advice on all relevant planning applications within the Scottish Borders and South Lanarkshire, ensuring that all aspects of flood risk are assessed, encourage sustainable flood risk management and comply with Scottish Planning Policy, Local Council Policies and the FRM Act 2009.</p>

Figure 3: Progress with LPD-wide Actions for the Tweed LPD



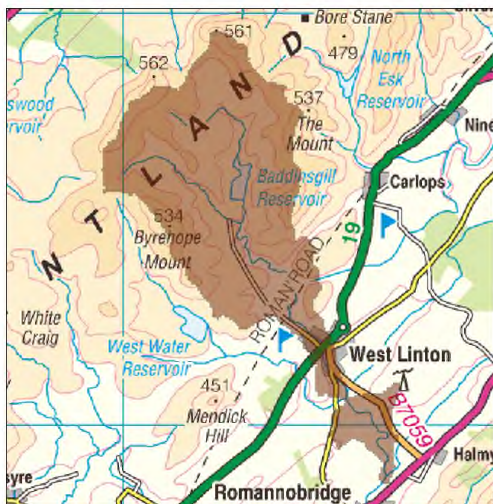
## **Progress with PVA-specific Actions**

This section sets out an assessment of the progress towards implementing actions that are specific to each of the 13 PVA as shown in Figure 2. Assessments of the progress of actions within each PVA are presented.

There are no specific actions identified for 'property level protection scheme' and 'site protection plans' actions. Consideration of property level protection schemes will be included in the 'flood protection study', 'surface water plan/study' and/or 'emergency plans/response' actions. Site protection plans will be identified through these same 'study' actions and also 'planning policies' action.

## West Linton (Potentially Vulnerable Area 13/01)

Local Plan District	Local authority	Main catchment
Tweed	Scottish Borders Council	Lyne Water



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### Summary of Progress for West Linton

There are fewer than 10 residential and non-residential properties at risk of flooding. The Annual Average Damages are approximately £4,200.

Further information can be found in the [Tweed Local Flood Risk Management Plan](#) under PVA 13/01.

#### Key Progress

- West Linton is now an active Resilient Communities Group.

### Overview of actions to manage flooding in West Linton

PVA	Flood protections scheme/works	Natural flood management works	New flood warning	Flood protection study	Natural flood management study	Surface water plan/study	Strategic mapping and modelling	Maintain flood protection scheme*	Maintain flood warning	Flood forecasting	Property level protection scheme	Community flood action groups	Self help	Awareness raising	Maintenance	Site protection plans	Emergency plans/response	Planning policies
13/01							A R		G	G			G	G	G		G	G

## Summary of progress of actions to manage flood risk in West Linton (PVA 13/01)

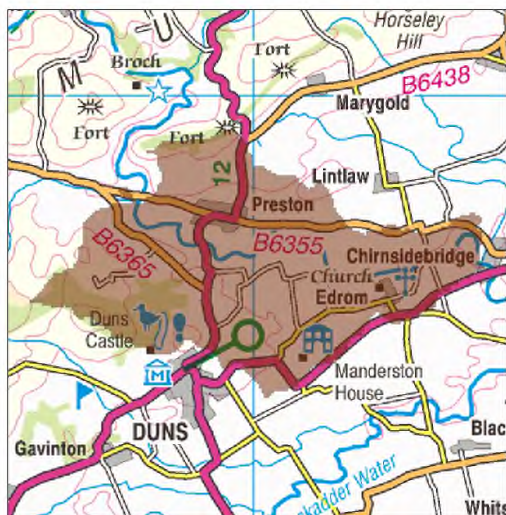
Information in these columns represents what was proposed as an action in the Tweed LFRMP to manage flood risk in this PVA during the first Flood Risk Management Cycle 2016 - 2022						These columns represent the progress to date on the delivery of each action in this PVA which makes up the INTERIM REPORT for the Tweed LFRMP	
Action	Status (Red; Amber; Green)	Description	Delivery Lead	Start date	End date	Interim progress	Planned actions to complete
<b>Strategic mapping and modelling</b>	<b>R</b>	Surface water mapping developments: improved data areas across LPD.	SEPA	01/06/16	31/12/16	Surface Water hazard maps use design rainfall estimates based on FEH99 methodology, this has now been superseded by FEH13 methodology. It is no longer considered appropriate to deliver this action as originally intended.	This action will not be delivered as described. New Surface water flood hazard maps will be developed over the remainder of Cycle 1 and be available early in Cycle 2. Investigations will take place to assess changes in Surface Water Hazard and Risk associated with the new FEH 13 data so consideration can be given for future actions in cycle 2.
<b>Strategic mapping and modelling</b>	<b>A</b>	Fluvial mapping developments: Upper Tweed Catchment	SEPA	01/06/16	31/12/17	No progress to date. Local authority flood study for the upper Tweed does not extend to this area.	SEPA will look at alternative approaches to improve SEPA flood hazard map in this area.
<b>Strategic mapping and modelling</b>	<b>A</b>	Assessment of flood risk in West Linton sewer catchment	Scottish Water	01/01/16	31/12/18	Delayed	Section 16 Assessment will not be delivered within LFRMP timescales but is still on track to deliver within FRM Cycle 1
<b>Maintain flood warning</b>	<b>G</b>	Maintain the Romannobridge to Lyne Station	SEPA	Ongoing	Ongoing	Continued operation of the flood warning service	SEPA will continue to operate the flood warning service

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		flood warning area.					
<b>Flood forecasting</b>	<b>G</b>	LPD Wide Action see above - Figure 3: Progress with LPD-wide Actions for the Tweed LPD <a href="#">Click here.</a>					
<b>Self help</b>	<b>G</b>	LPD Wide Action see above - Figure 3: Progress with LPD-wide Actions for the Tweed LPD <a href="#">Click here.</a>					
<b>Awareness raising</b>	<b>G</b>	LPD Wide Action see above - Figure 3: Progress with LPD-wide Actions for the Tweed LPD <a href="#">Click here.</a>					
<b>Maintenance</b>	<b>G</b>	LPD Wide Action see above - Figure 3: Progress with LPD-wide Actions for the Tweed LPD <a href="#">Click here.</a>					
<b>Emergency plans/response</b>	<b>G</b>	LPD Wide Action see above - Figure 3: Progress with LPD-wide Actions for the Tweed LPD <a href="#">Click here.</a>					
<b>Planning Policy</b>	<b>G</b>	LPD Wide Action see above - Figure 3: Progress with LPD-wide Actions for the Tweed LPD <a href="#">Click here.</a>					

## Preston (Potentially Vulnerable Area 13/02)

<b>Local Plan District</b>	<b>Local authority</b>	<b>Main catchment</b>
Tweed	Scottish Borders Council	Whiteadder Catchment



### Summary of Progress for Preston

There are approximately 30 residential properties at risk of flooding. The Annual Average Damages are approximately £140,000.

Further information can be found in the [Tweed Local Flood Risk Management Plan](#) under PVA 13/02.

#### Key progress

Preston is now an active Resilient Community as part of the Abbey St Bathans/Bonkyl/Preston Community Council Area.

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## Overview of actions to manage flooding in Preston

PVA	Flood protections scheme/works	Natural flood management works	New flood warning	Flood protection study	Natural flood management study	Surface water plan/study	Strategic mapping and modelling	Maintain flood protection scheme*	Maintain flood warning	Flood forecasting	Property level protection scheme	Community flood action groups	Self help	Awareness raising	Maintenance	Site protection plans	Emergency plans/response	Planning policies
13/02									G	G			G	G	G		G	G

## Summary of progress of actions to manage flood risk in Preston (PVA 13/02)

Information in these columns represents what was proposed as an action in the Tweed LFRMP to manage flood risk in this PVA during the first Flood Risk Management Cycle 2016 - 2022						These columns represent the progress to date on the delivery of each action in this PVA which makes up the INTERIM REPORT for the Tweed LFRMP	
Action	Status	Description	Delivery Lead	Start date	End date	Interim progress	Planned actions to complete
<b>Maintain Flood Warning</b>	<b>G</b>	Maintain the Preston to Paxton flood warning area.	SEPA	Ongoing	Ongoing	Continued operation of the flood warning service	SEPA will continue to operate the flood warning service
<b>Flood Forecasting</b>	<b>G</b>	LPD Wide Action see above - Figure 3: Progress with LPD-wide Actions for the Tweed LPD <a href="#">Click here.</a>					
<b>Self Help</b>	<b>G</b>	LPD Wide Action see above - Figure 3: Progress with LPD-wide Actions for the Tweed LPD <a href="#">Click here.</a>					
<b>Awareness Raising</b>	<b>G</b>	LPD Wide Action see above - Figure 3: Progress with LPD-wide Actions for the Tweed LPD <a href="#">Click here.</a>					
<b>Maintenance</b>	<b>G</b>	LPD Wide Action see above - Figure 3: Progress with LPD-wide Actions for the Tweed LPD <a href="#">Click here.</a>					
<b>Emergency plans/response</b>	<b>G</b>	LPD Wide Action see above - Figure 3: Progress with LPD-wide Actions for the Tweed LPD <a href="#">Click here.</a>					
<b>Planning Policy</b>	<b>G</b>	LPD Wide Action see above - Figure 3: Progress with LPD-wide Actions for the Tweed LPD <a href="#">Click here.</a>					

## Lauder (Potentially Vulnerable Area 13/03)

<b>Local Plan District</b>	<b>Local authority</b>	<b>Main catchment</b>
Tweed	Scottish Borders Council	Leader Water



### Summary of Progress for Lauder

There are fewer than 10 residential and non-residential properties at risk of flooding. The Annual Average Damages are approximately £5,900.

Further information can be found in the [Tweed Local Flood Risk Management Plan](#) under PVA 13/02.

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### Overview of actions to manage flooding in Lauder

PVA	Flood protections scheme/works	Natural flood management works	New flood warning	Flood protection study	Natural flood management study	Surface water plan/study	Strategic mapping and modelling	Maintain flood protection scheme*	Maintain flood warning	Flood forecasting	Property level protection scheme	Community flood action groups	Self help	Awareness raising	Maintenance	Site protection plans	Emergency plans/response	Planning policies
13/03							A G	G		G			G	G	G		G	G

## Summary of progress of actions to manage flood risk in Lauder (PVA 13/03)

Information in these columns represents what was proposed as an action in the Tweed LFRMP to manage flood risk in this PVA during the first Flood Risk Management Cycle 2016 - 2022						Information in these columns represents what was proposed as an action in the Tweed LFRMP to manage flood risk in this PVA during the first Flood Risk Management Cycle 2016 - 2022	
Action	Status (Red; Amber; Green)(Red; Amber; Green)	Description	Delivery Lead	Start date	End date	Interim progress	Planned actions to complete
Strategic mapping and modelling	A	Fluvial mapping developments: Leader Water area.	SEPA	01/06/16	31/12/20	No progress to date. Local authority study for Earlston (Leader Water) does not extend to this area.	SEPA will look at alternative approaches to improve SEPA flood hazard map in this area.
Strategic mapping and modelling	G	Assessment of flood risk in Lauder sewer catchment	Scottish Water	01/01/16	31/12/19	Complete	Action Complete
Maintain Flood Protection Scheme	G	Continue to maintain the Lauder Station Yard Flood Protection Scheme.	Scottish Borders Council	Ongoing	-	Inspections of Lauder Station Yard FPS in June 2016, June 2017 and July 2018.	Scottish Borders Council will continue to inspect Lauder Station Yard FPS on a yearly basis and undertake maintenance as required to ensure the scheme operates at peak efficiency.
Flood Forecasting	G	LPD Wide Action see above - Figure 3: Progress with LPD-wide Actions for the Tweed LPD <a href="#">Click here.</a>					
Self Help	G	LPD Wide Action see above - Figure 3: Progress with LPD-wide Actions for the Tweed LPD <a href="#">Click here.</a>					
Awareness Raising	G	LPD Wide Action see above - Figure 3: Progress with LPD-wide Actions for the Tweed LPD <a href="#">Click here.</a>					

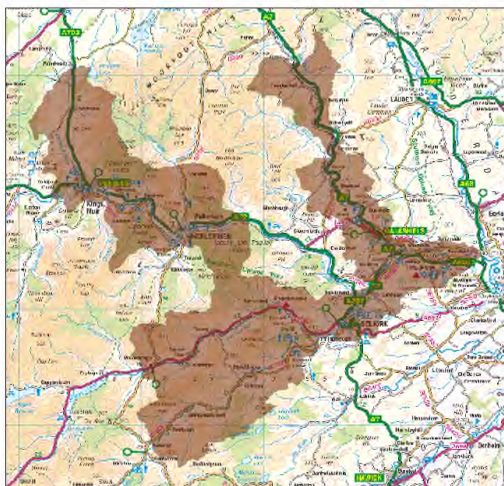


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<b>Maintenance</b>	<b>G</b>	LPD Wide Action see above - Figure 3: Progress with LPD-wide Actions for the Tweed LPD <a href="#">Click here.</a>
<b>Emergency plans/response</b>	<b>G</b>	LPD Wide Action see above - Figure 3: Progress with LPD-wide Actions for the Tweed LPD <a href="#">Click here.</a>
<b>Planning Policy</b>	<b>G</b>	LPD Wide Action see above - Figure 3: Progress with LPD-wide Actions for the Tweed LPD <a href="#">Click here.</a>

## Eddleston, Peebles, Innerleithen, Selkirk, Stow and Galashiels (Potentially Vulnerable Area 13/04)

<b>Local Plan District</b>	<b>Local authority</b>	<b>Main catchment</b>
Tweed	Scottish Borders Council	Tweed



### Summary of Progress for Eddleston, Peebles, Innerleithen, Selkirk, Stow and Galashiels

There are approximately 1,900 residential properties and 1,000 non-residential properties at risk of flooding. The Annual Average Damages are approximately £6.5 million.

Further information can be found in the [Tweed Local Flood Risk Management Plan](#) under PVA 13/04.

#### Key Progress

- Selkirk Flood Protection Scheme was completed in 2016 and officially opened 27<sup>th</sup> February 2017.
- A Flood Study for Peebles, Innerleithen & Broughton is nearing completion, with exhibitions held in each area to present the findings. Final Appraisal Reports are being completed.
- Other actions – A property level protection scheme was completed in the Tweed Green area of Peebles providing resilience to flooding to 39 properties.

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## Overview of actions to manage flooding in Eddleston, Peebles, Innerleithen, Selkirk, Stow and Galashiels

PVA	Flood protections scheme/works	Natural flood management works	New flood warning	Flood protection study	Natural flood management study	Surface water plan/study	Strategic mapping and modelling	Maintain flood protection scheme*	Maintain flood warning	Flood forecasting	Property level protection scheme	Community flood action groups	Self help	Awareness raising	Maintenance	Site protection plans	Emergency plans/response	Planning policies
13/04	G			G	A	G	A	R	G	G	G		G	G	G		G	G

## Summary of progress of actions to manage flood risk in Eddleston, Peebles, Innerleithen, Selkirk, Stow & Galashiels (13/04)

Information in these columns represents what was proposed as an action in the Tweed LFRMP to manage flood risk in this PVA during the first Flood Risk Management Cycle 2016 - 2022						These columns represent the progress to date on the delivery of each action in this PVA which makes up the INTERIM REPORT for the Tweed LFRMP	
Action	Status (Red; Amber; Green)	Description	Delivery Lead	Start date	End date	Interim progress	Planned actions to complete
Flood protection scheme/works	G	Deliver Selkirk Flood Protection Scheme	Scottish Borders Council	01/01/14	27/02/17	Construction Complete, Scheme officially opened 27 <sup>th</sup> February 2017.	N/A
Flood protection study	G	Undertake Flood study for Peebles, Broughton and Innerleithen to assess current flood risk and determine potential mitigation measures.	Scottish Borders Council	16/01/17	31/12/20	Flood study has progressed well, with public exhibitions held in each of the study area settlements. The study is due for completion with in the timescales specified in the Tweed LFRMP.	Complete final appraisal reports and assess outputs against prioritisation criteria.
Natural flood management study	A	Undertake a Natural flood management study for the Gala Water catchment	Scottish Borders Council	01/01/20	01/01/22	The NFM study will be delivered within the timescales stated in the LFRMP.	This action will be progressed after the Hawick NFM study has been commissioned.

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<b>Surface water plan/study</b>	<b>G</b>	Surface Water Management Plan to be developed for Peebles and Galashiels. Integrated Catchment Study (ICS) also to be developed for Galashiels.	Scottish Borders Council/ Scottish Water	01/01/17	01/01/20	<b>Peebles</b> – Surface Water Management Plan COMPLETE. <b>Galashiels</b> – Surface Water Management Plan on-going and nearing completion. <b>Galashiels</b> – ICS COMPLETE. Study was stopped at scoping stage as there was limited interaction found between sewers and watercourses.	Galashiels – Incorporate final comments from stakeholders into surface water management plan. Will be completed within timescales stated in LFRMP.
<b>Strategic mapping and modelling</b>	<b>A</b>	Fluvial mapping developments: Gala Water, Ettrick Water, Upper Tweed, Eddleston Water and Biggar Burn areas.	SEPA	01/01/18	31/12/21	Screening undertaken to determine the data required for mapping improvements. SEPA priorities align with Scottish Borders Council study areas which are currently underway.	Review of the Councils Flood studies will inform any future updates to the existing flood mapping.
<b>Strategic mapping and modelling</b>	<b>R</b>	Surface water mapping developments: improved data areas across LPD + use of Peebles area and Galashiels	SEPA	01/01/18	31/12/16	Surface Water hazard maps use design rainfall estimates based on FEH99 methodology, this has now been superseded by FEH13 methodology. It is no longer considered appropriate to deliver this action as originally intended.	This action will not be taken forwards as described. New Surface water flood hazard maps will be developed over the remainder of Cycle 1 and be available early in Cycle 2. Investigations will take place to assess changes in Surface

Tweed Local Flood Risk Management Plan 2016-2022: INTERIM REPORT

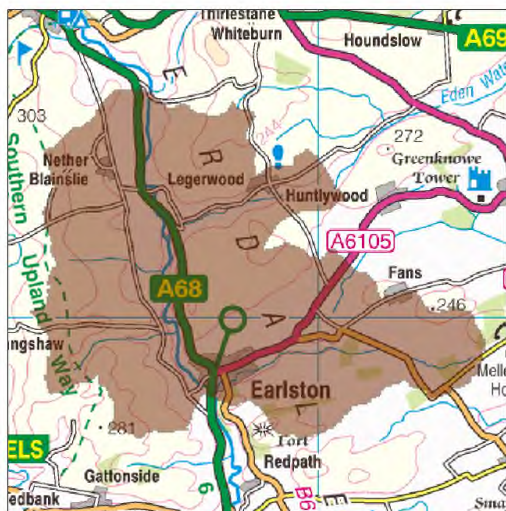
		area SWMP and ICS results if appropriate.					Water Hazard and Risk associated with the new FEH 13 data so consideration can be given for future actions in cycle 2.
<b>Strategic mapping and modelling</b>	<b>G</b>	Assessment of flood risk in Galashiels; Melrose; Peebles; Selkirk & Walkerburn sewer catchments	Scottish Water	01/01/16	31/12/20	<p><b>Galashiels</b> – Section 16 assessment COMPLETE</p> <p><b>Melrose</b> – Section 16 assessment COMPLETE</p> <p><b>Peebles</b> – Section 16 assessment STARTED BUT DELAYED</p> <p><b>Selkirk</b> – Section 16 assessment NOT STARTED</p> <p><b>Walkerburn</b> – Section 16 Assessment - COMPLETE</p>	<p><b>Galashiels</b> – Action Complete</p> <p><b>Melrose</b> – Action Complete</p> <p><b>Peebles</b> – Assessment will not deliver within LFRMP timescales but is still on track to deliver within FRM Cycle 1</p> <p><b>Selkirk</b> – On track to be delivered within agreed LFRMP timescales</p> <p><b>Walkerburn</b> – Action Complete</p>
<b>Maintain flood protection scheme</b>	<b>G</b>	Maintain flood protection schemes in Galashiels; Innerleithen; Peebles and Selkirk	Scottish Borders Council	Ongoing	Ongoing	<p><b>Galashiels</b> – Inspection of Galashiels Flood Prevention Scheme completed in June 2018 and maintenance to mill lade inlet completed in September 2018</p> <p><b>Innerleithen</b> – Inspection of Innerleithen (Hall St) Flood Prevention Scheme completed August 2017 &amp; June 2018.</p> <p><b>Peebles</b> – Inspection of Edderston Burn Flood Prevention Scheme completed in June 2018.</p>	Continue to carry out inspections annually on all flood protection schemes and undertake maintenance as necessary to ensure the continuing functionality of the scheme.

Tweed Local Flood Risk Management Plan 2016-2022: INTERIM REPORT

						<b>Selkirk</b> – Selkirk Flood Protection Scheme is now complete and a walkover survey of the scheme was completed in May 2018.	
<b>Maintain flood warning</b>	<b>G</b>	Continue to maintain all flood warning areas in PVA 13/04	SEPA	Ongoing	Ongoing	Continued operation of the flood warning service. SEPA has renamed the ‘Selkirk to Lindean’ flood warning area as ‘Lindean’	SEPA will continue to operate the flood warning service
<b>Community flood action groups</b>	<b>G</b>	Maintain Selkirk Long Philip Burn and Galashiels Bakehouse Burn Flood Warning Group	Scottish Borders Council	Ongoing	Ongoing	Both flood warning groups remain active through Scottish Borders Council standalone water level monitoring system.	Scottish Borders Council will continue to maintain telemetry system for both flood warning group areas. Checks on the membership of each group should be undertaken annually to ensure both groups remain up to date.
<b>Flood forecasting</b>	<b>G</b>	LPD Wide Action see above - Figure 3: Progress with LPD-wide Actions for the Tweed LPD <a href="#">Click here.</a>					
<b>Self help</b>	<b>G</b>	LPD Wide Action see above - Figure 3: Progress with LPD-wide Actions for the Tweed LPD <a href="#">Click here.</a>					
<b>Awareness raising</b>	<b>G</b>	LPD Wide Action see above - Figure 3: Progress with LPD-wide Actions for the Tweed LPD <a href="#">Click here.</a>					
<b>Maintenance</b>	<b>G</b>	LPD Wide Action see above - Figure 3: Progress with LPD-wide Actions for the Tweed LPD <a href="#">Click here.</a>					
<b>Emergency plans/response</b>	<b>G</b>	LPD Wide Action see above - Figure 3: Progress with LPD-wide Actions for the Tweed LPD <a href="#">Click here.</a>					
<b>Planning Policy</b>	<b>G</b>	LPD Wide Action see above - Figure 3: Progress with LPD-wide Actions for the Tweed LPD <a href="#">Click here.</a>					

## Earlston (Potentially Vulnerable Area 13/05)

<b>Local Plan District</b>	<b>Local authority</b>	<b>Main catchment</b>
Tweed	Scottish Borders Council	Leader Water



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### Summary of Progress for Earlston

There are fewer than 70 residential properties and 50 non-residential properties at risk of flooding. The Annual Average Damages are approximately £640,000.

Further information can be found in the [Tweed Local Flood Risk Management Plan](#) under PVA 13/05.

#### Key Progress

- A Flood study for Earlston is nearing completion, with an exhibition having been held to present the findings. Final Appraisal Reports are being completed.
- Earlston is now an active Resilient Communities Group.

### Overview of actions to manage flooding in Earlston

PVA	Flood protections scheme/works	Natural flood management works	New flood warning	Flood protection study	Natural flood management study	Surface water plan/study	Strategic mapping and modelling	Maintain flood protection scheme*	Maintain flood warning	Flood forecasting	Property level protection scheme	Community flood action groups	Self help	Awareness raising	Maintenance	Site protection plans	Emergency plans/response	Planning policies
13/05				G			A	R	G	G	G		G	G	G		G	G

## Summary of progress of actions to manage flood risk in Earlston (PVA 13/05)

Information in these columns represents what was proposed as an action in the Tweed LFRMP to manage flood risk in this PVA during the first Flood Risk Management Cycle 2016 - 2022						These columns represent the progress to date on the delivery of each action in this PVA which makes up the INTERIM REPORT for the Tweed LFRMP	
Action	Status (Red; Amber; Green)	Description	Delivery Lead	Start date	End date	Interim progress	Planned actions to complete
<b>Flood protection study</b>	G	Undertake Flood study for Earlston to assess current flood risk and determine potential mitigation measures.	Scottish Borders Council	16/01/17	31/12/18	Flood study has progressed well, with a public exhibition held to show the outputs from the study. The study is due for completion with in the timescales specified in the Tweed LFRMP.	Complete final appraisal reports and assess outputs against prioritisation criteria.
<b>Strategic mapping and modelling</b>	A	Fluvial mapping developments: Leader Water Area	SEPA	01/06/16	31/12/20	Areas of improvement identified, some of which align with priority areas highlighted by Scottish Borders Council's flood study areas.	Review of the Council's Flood studies will inform any future updates to the existing flood mapping.
<b>Strategic mapping and modelling</b>	R	Surface water mapping developments: improved data areas across LPD.	SEPA	01/06/16	31/12/20	Surface Water hazard maps use design rainfall estimates based on FEH99 methodology, this has now been superseded by FEH13 methodology. It is no longer considered	This action will not be taken forwards as described. New Surface water flood hazard maps will be developed over the remainder of Cycle 1 and be available early in Cycle 2. Investigations will take place to assess changes in Surface Water

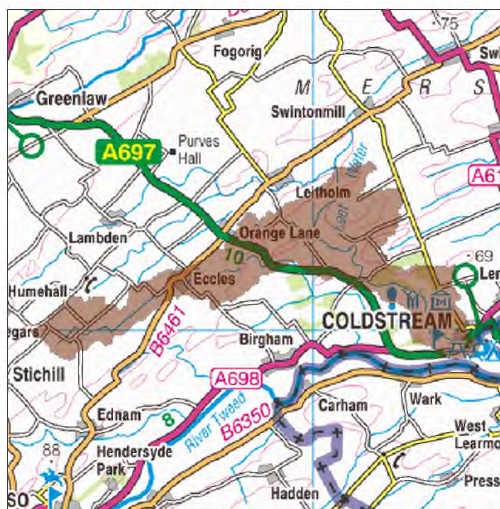


Tweed Local Flood Risk Management Plan 2016-2022: INTERIM REPORT

						appropriate to deliver this action as originally intended.	Hazard and Risk associated with the new FEH 13 data so consideration can be given for future actions in cycle 2.
<b>Strategic mapping and modelling</b>	<b>A</b>	Assessment of flood risk in the Earlston sewer catchment	Scottish Water	01/01/16	31/12/17	Delayed	Section 16 Assessment will not be delivered within LFRMP timescales but is still on track to deliver within FRM Cycle 1
<b>Maintain flood warning</b>	<b>G</b>	Maintain the Earlston Flood Warning Area	SEPA	Ongoing	Ongoing	Continued operation of the flood warning service	SEPA will continue to operate the flood warning service
<b>Maintain flood protection scheme</b>	<b>G</b>	Continue to maintain the existing Turfford Burn Flood Prevention Scheme.	Scottish Borders Council	Ongoing	Ongoing	Inspections of the Turfford Burn Flood Prevention Scheme were undertaken July 2016, June 2017 and June 2018.	Scottish Borders Council will continue to inspect the Turfford Burn Flood Prevention Scheme on a yearly basis and undertake maintenance as required to ensure the scheme operates at peak efficiency.
<b>Flood forecasting</b>	<b>G</b>	LPD Wide Action see above - Figure 3: Progress with LPD-wide Actions for the Tweed LPD <a href="#">Click here.</a>					
<b>Self help</b>	<b>G</b>	LPD Wide Action see above - Figure 3: Progress with LPD-wide Actions for the Tweed LPD <a href="#">Click here.</a>					
<b>Awareness raising</b>	<b>G</b>	LPD Wide Action see above - Figure 3: Progress with LPD-wide Actions for the Tweed LPD <a href="#">Click here.</a>					
<b>Maintenance</b>	<b>G</b>	LPD Wide Action see above - Figure 3: Progress with LPD-wide Actions for the Tweed LPD <a href="#">Click here.</a>					
<b>Emergency plans/response</b>	<b>G</b>	LPD Wide Action see above - Figure 3: Progress with LPD-wide Actions for the Tweed LPD <a href="#">Click here.</a>					
<b>Planning Policy</b>	<b>G</b>	LPD Wide Action see above - Figure 3: Progress with LPD-wide Actions for the Tweed LPD <a href="#">Click here.</a>					

## Coldstream (Potentially Vulnerable Area 13/06)

<b>Local Plan District</b>	<b>Local authority</b>	<b>Main catchment</b>
Tweed	Scottish Borders Council	River Tweed



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### Summary of Progress for Coldstream

There are fewer than 10 residential properties and non-residential properties at risk of flooding. The Annual Average Damages are approximately £51,000.

Further information can be found in the [Tweed Local Flood Risk Management Plan](#) under PVA 13/06.

#### Key Progress

- Coldstream is now an active Resilient Communities Group.

## Overview of actions to manage flooding in Coldstream

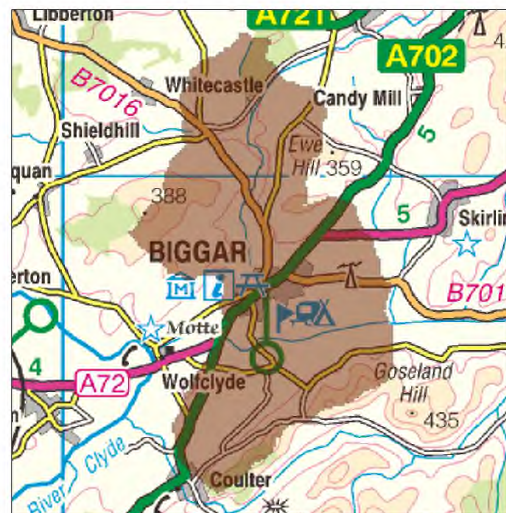
PVA	Flood protections scheme/works	Natural flood management works	New flood warning	Flood protection study	Natural flood management study	Surface water plan/study	Strategic mapping and modelling	Maintain flood protection scheme*	Maintain flood warning	Flood forecasting	Property level protection scheme	Community flood action groups	Self help	Awareness raising	Maintenance	Site protection plans	Emergency plans/response	Planning policies
13/06							G		G	G			G	G	G		G	G

## Summary of progress of actions to manage flood risk in Coldstream (PVA 13/06)

Information in these columns represents what was proposed as an action in the Tweed LFRMP to manage flood risk in this PVA during the first Flood Risk Management Cycle 2016 - 2022						These columns represent the progress to date on the delivery of each action in this PVA which makes up the INTERIM REPORT for the Tweed LFRMP	
Action	Status (Red; Amber; Green)	Description	Delivery Lead	Start date	End date	Interim progress	Planned actions to complete
<b>Strategic mapping and modelling</b>	G	Assessment of flood risk in the Coldstream sewer catchment	Scottish Water	01/01/16	31/12/19	Not started	On track to deliver within agreed LFRMP timescales.
<b>Maintain flood warning</b>	G	Maintain the Earlston Flood Warning Area	SEPA	Ongoing	Ongoing	Continued operation of the flood warning service	SEPA will continue to operate the flood warning service
<b>Flood forecasting</b>	G	LPD Wide Action see above - Figure 3: Progress with LPD-wide Actions for the Tweed LPD <a href="#">Click here.</a>					
<b>Self help</b>	G	LPD Wide Action see above - Figure 3: Progress with LPD-wide Actions for the Tweed LPD <a href="#">Click here.</a>					
<b>Awareness raising</b>	G	LPD Wide Action see above - Figure 3: Progress with LPD-wide Actions for the Tweed LPD <a href="#">Click here.</a>					
<b>Maintenance</b>	G	LPD Wide Action see above - Figure 3: Progress with LPD-wide Actions for the Tweed LPD <a href="#">Click here.</a>					
<b>Emergency plans/response</b>	G	LPD Wide Action see above - Figure 3: Progress with LPD-wide Actions for the Tweed LPD <a href="#">Click here.</a>					
<b>Planning Policy</b>	G	LPD Wide Action see above - Figure 3: Progress with LPD-wide Actions for the Tweed LPD <a href="#">Click here.</a>					

## Biggar (Potentially Vulnerable Area 13/07)

<b>Local Plan District</b>	<b>Local authority</b>	<b>Main catchment</b>
Tweed	South Lanarkshire Council	Biggar Water



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### Summary of Progress for Biggar

There are approximately 40 residential properties and 20 non-residential properties at risk of flooding. The Annual Average Damages are approximately £120,000.

Further information can be found in the [Tweed Local Flood Risk Management Plan](#) under PVA 13/07.

### Overview of actions to manage flooding in Biggar

PVA	Flood protections scheme/works	Natural flood management works	New flood warning	Flood protection study	Natural flood management study	Surface water plan/study	Strategic mapping and modelling	Maintain flood protection scheme*	Maintain flood warning	Flood forecasting	Property level protection scheme	Community flood action groups	Self help	Awareness raising	Maintenance	Site protection plans	Emergency plans/response	Planning policies
13/07				A			A A	G		G			G	G	G		G	G

## Summary of progress of actions to manage flood risk in Biggar (PVA 13/07)

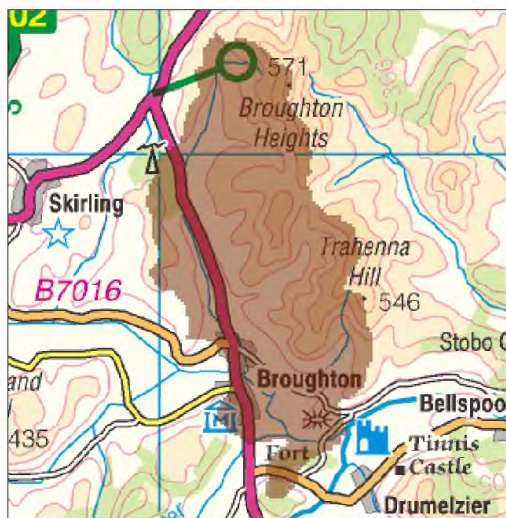
Information in these columns represents what was proposed as an action in the Tweed LFRMP to manage flood risk in this PVA during the first Flood Risk Management Cycle 2016 - 2022						These columns represent the progress to date on the delivery of each action in this PVA which makes up the INTERIM REPORT for the Tweed LFRMP	
Action	Status (Red; Amber; Green)	Description	Delivery Lead	Start date	End date	Interim progress	Planned actions to complete
<b>Flood protection study</b>	<b>G</b>	Undertake Flood study for Biggar to assess current flood risk and determine potential mitigation measures.	South Lanarkshire Council	April 2019	2020	A brief for this project is currently being drafted. South Lanarkshire Council have programmed to undertake this work over 2019/2020 subject to available resources.	South Lanarkshire Council has had discussion with SEPA and the Tweed Forum regarding the study. The study is now programmed to take place 2019/20 subject to available resources.
<b>Strategic mapping and modelling</b>	<b>A</b>	Assessment of flood risk in the Biggar sewer catchment	Scottish Water	01/01/16	31/12/18	Delayed	Assessment will not be delivered within LFRMP timescales but is still on track to deliver within FRM Cycle 1
<b>Strategic mapping and modelling</b>	<b>A</b>	Fluvial mapping developments: Upper Tweed, Eddleston Water and Biggar Burn	SEPA	01/06/18	31/12/21	Areas of improvement identified, some of which align with priority areas for a flood protection study highlighted by South Lanarkshire Council.	Review of the South Lanarkshire Council's flood study to inform any future updates to the existing flood mapping.
<b>Maintain flood protection scheme</b>	<b>G</b>	Maintain existing flood accommodation	South Lanarkshire Council	Ongoing	Ongoing	On-going maintenance	Continue maintenance programme.

Tweed Local Flood Risk Management Plan 2016-2022: INTERIM REPORT

		system at Biggar High School					
<b>Flood forecasting</b>	<b>G</b>	LPD Wide Action see above - Figure 3: Progress with LPD-wide Actions for the Tweed LPD <a href="#">Click here.</a>					
<b>Self help</b>	<b>G</b>	LPD Wide Action see above - Figure 3: Progress with LPD-wide Actions for the Tweed LPD <a href="#">Click here.</a>					
<b>Awareness raising</b>	<b>G</b>	LPD Wide Action see above - Figure 3: Progress with LPD-wide Actions for the Tweed LPD <a href="#">Click here.</a>					
<b>Maintenance</b>	<b>G</b>	LPD Wide Action see above - Figure 3: Progress with LPD-wide Actions for the Tweed LPD <a href="#">Click here.</a>					
<b>Emergency plans/response</b>	<b>G</b>	LPD Wide Action see above - Figure 3: Progress with LPD-wide Actions for the Tweed LPD <a href="#">Click here.</a>					
<b>Planning Policy</b>	<b>G</b>	LPD Wide Action see above - Figure 3: Progress with LPD-wide Actions for the Tweed LPD <a href="#">Click here.</a>					

## Broughton (Potentially Vulnerable Area 13/08)

<b>Local Plan District</b>	<b>Local authority</b>	<b>Main catchment</b>
Tweed	Scottish Borders Council	River Tweed



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### Summary of Progress for Broughton

There are approximately 40 residential properties and fewer than 10 non-residential properties at risk of flooding. The Annual Average Damages are approximately £160,000.

Further information can be found in the [Tweed Local Flood Risk Management Plan](#) under PVA 13/08.

#### Key Progress

- A Flood study for Peebles, Innerleithen & Broughton is nearing completion, with exhibitions held in each area to present the findings. Final Appraisal Reports are being completed.
- Broughton is now an active Resilient Communities Group.

## Overview of actions to manage flooding in Broughton

PVA	Flood protections scheme/works	Natural flood management works	New flood warning	Flood protection study	Natural flood management study	Surface water plan/study	Strategic mapping and modelling	Maintain flood protection scheme*	Maintain flood warning	Flood forecasting	Property level protection scheme	Community flood action groups	Self help	Awareness raising	Maintenance	Site protection plans	Emergency plans/response	Planning policies
13/08				G			A			G			G	G	G		G	G

## Summary of progress of actions to manage flood risk in Broughton (PVA 13/08)

Information in these columns represents what was proposed as an action in the Tweed LFRMP to manage flood risk in this PVA during the first Flood Risk Management Cycle 2016 - 2022						Information in these columns represents what was proposed as an action in the Tweed LFRMP to manage flood risk in this PVA during the first Flood Risk Management Cycle 2016 - 2022	
Action	Status (Red; Amber; Green)	Description	Delivery Lead	Start date	End date	Interim progress	Planned actions to complete
<b>Flood protection study</b>	<b>G</b>	Undertake Flood study for Peebles, Broughton and Innerleithen to assess current flood risk and determine potential mitigation measures.	Scottish Borders Council	16/01/16	31/12/20	Flood study has progressed well, with public exhibitions held in each of the study area settlements. The study is due for completion withn the timescales specified in the Tweed LFRMP.	Complete final appraisal reports and assess outputs against prioritisation criteria.
<b>Strategic mapping and modelling</b>	<b>A</b>	Fluvial mapping developments: Gala Water, Ettrick Water, Upper Tweed, Eddleston Water and Biggar Burn areas.	SEPA	01/06/16	31/12/17	Screening undertaken to determine the data required for mapping improvements. SEPA priorities align with Scottish Borders Council study areas which are currently underway.	Review of the Council's Flood studies will inform any future updates to the existing flood mapping.
<b>Flood forecasting</b>	<b>G</b>	LPD Wide Action see above - Figure 3: Progress with LPD-wide Actions for the Tweed LPD <a href="#">Click here.</a>					
<b>Self help</b>	<b>G</b>	LPD Wide Action see above - Figure 3: Progress with LPD-wide Actions for the Tweed LPD <a href="#">Click here.</a>					

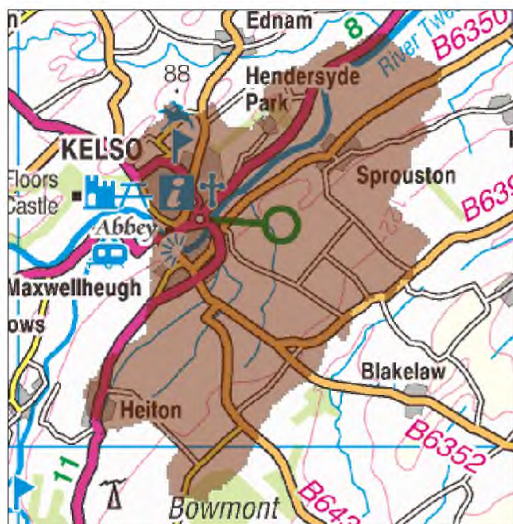


Tweed Local Flood Risk Management Plan 2016-2022: INTERIM REPORT

<b>Awareness raising</b>	<b>G</b>	LPD Wide Action see above - Figure 3: Progress with LPD-wide Actions for the Tweed LPD <a href="#">Click here.</a>
<b>Maintenance</b>	<b>G</b>	LPD Wide Action see above - Figure 3: Progress with LPD-wide Actions for the Tweed LPD <a href="#">Click here.</a>
<b>Emergency plans/response</b>	<b>G</b>	LPD Wide Action see above - Figure 3: Progress with LPD-wide Actions for the Tweed LPD <a href="#">Click here.</a>
<b>Planning Policy</b>	<b>G</b>	LPD Wide Action see above - Figure 3: Progress with LPD-wide Actions for the Tweed LPD <a href="#">Click here.</a>

## Kelso (Potentially Vulnerable Area 13/09)

<b>Local Plan District</b>	<b>Local authority</b>	<b>Main catchment</b>
Tweed	Scottish Borders Council	River Tweed



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### Summary of Progress for Kelso

There are approximately 90 residential properties and 30 non-residential properties at risk of flooding. The Annual Average Damages are approximately £120,000.

Further information can be found in the [Tweed Local Flood Risk Management Plan](#) under PVA 13/09.

## Overview of actions to manage flooding in Kelso

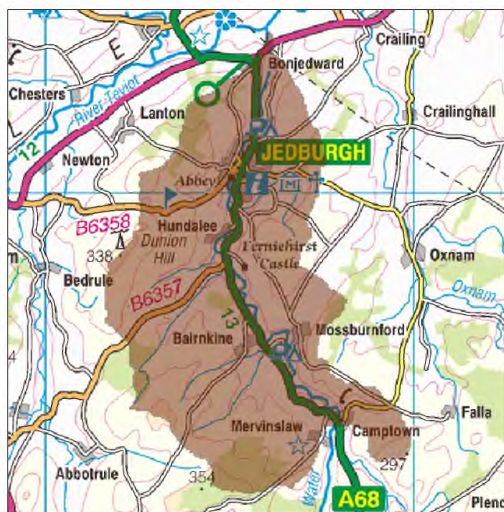
PVA	Flood protections scheme/works	Natural flood management works	New flood warning	Flood protection study	Natural flood management study	Surface water plan/study	Strategic mapping and modelling	Maintain flood protection scheme*	Maintain flood warning	Flood forecasting	Property level protection scheme	Community flood action groups	Self help	Awareness raising	Maintenance	Site protection plans	Emergency plans/response	Planning policies
13/09							G		G	G			G	G	G		G	G

## Summary of progress of actions to manage flood risk in Kelso (PVA 13/09)

Information in these columns represents what was proposed as an action in the Tweed LFRMP to manage flood risk in this PVA during the first Flood Risk Management Cycle 2016 - 2022						Information in these columns represents what was proposed as an action in the Tweed LFRMP to manage flood risk in this PVA during the first Flood Risk Management Cycle 2016 - 2022	
Action	Status (Red; Amber; Green)	Description	Delivery Lead	Start date	End date	Interim progress	Planned actions to complete
<b>Strategic mapping and modelling</b>	<b>G</b>	Assessment of flood risk in Kelso sewer catchment	Scottish Water	01/01/16	31/12/20	Section 16 Sewer Assessment progressing as scheduled.	On track to deliver within agreed LFRMP timescales.
<b>Maintain Flood Warning</b>	<b>G</b>	Maintain Kelso to Coldstream Flood Warning Area	SEPA	Ongoing	-	Continued operation of the flood warning service	SEPA will continue to operate the flood warning service
<b>Flood forecasting</b>	<b>G</b>	LPD Wide Action see above - Figure 3: Progress with LPD-wide Actions for the Tweed LPD <a href="#">Click here.</a>					
<b>Self help</b>	<b>G</b>	LPD Wide Action see above - Figure 3: Progress with LPD-wide Actions for the Tweed LPD <a href="#">Click here.</a>					
<b>Awareness raising</b>	<b>G</b>	LPD Wide Action see above - Figure 3: Progress with LPD-wide Actions for the Tweed LPD <a href="#">Click here.</a>					
<b>Maintenance</b>	<b>G</b>	LPD Wide Action see above - Figure 3: Progress with LPD-wide Actions for the Tweed LPD <a href="#">Click here.</a>					
<b>Emergency plans/response</b>	<b>G</b>	LPD Wide Action see above - Figure 3: Progress with LPD-wide Actions for the Tweed LPD <a href="#">Click here.</a>					
<b>Planning Policy</b>	<b>G</b>	LPD Wide Action see above - Figure 3: Progress with LPD-wide Actions for the Tweed LPD <a href="#">Click here.</a>					

## Jedburgh (Potentially Vulnerable Area 13/10)

<b>Local Plan District</b>	<b>Local authority</b>	<b>Main catchment</b>
Tweed	Scottish Borders Council	Jed Water



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### Summary of Progress for Jedburgh

There are approximately 130 residential properties and 140 non-residential properties at risk of flooding. The Annual Average Damages are approximately £720,000.

Further information can be found in the [Tweed Local Flood Risk Management Plan](#) under PVA 13/10.

#### Key Progress

- The Jedburgh Skiprunning Burn Flood Protection Scheme was completed in 2016.
- Jedburgh is now an active Resilient Communities Group.

### Overview of actions to manage flooding in Jedburgh

	Flood protections scheme/works	Natural flood management works	New flood warning	Flood protection study	Natural flood management study	Surface water plan/study	Strategic mapping and modelling	Maintain flood protection scheme*	Maintain flood warning	Flood forecasting	Property level protection scheme	Community flood action groups	Self help	Awareness raising	Maintenance	Site protection plans	Emergency plans/response	Planning policies
PVA 13/10							G	G	G	G	G	G	G	G	G		G	G

## Summary of progress of actions to manage flood risk in Jedburgh (PVA 13/10)

Information in these columns represents what was proposed as an action in the Tweed LFRMP to manage flood risk in this PVA during the first Flood Risk Management Cycle 2016 - 2022						Information in these columns represents what was proposed as an action in the Tweed LFRMP to manage flood risk in this PVA during the first Flood Risk Management Cycle 2016 - 2022	
Action	Status (Red; Amber; Green)	Description	Delivery Lead	Start date	End date	Interim progress	Planned actions to complete
<b>Strategic mapping and modelling</b>	G	Assessment of flood risk in Jedburgh sewer catchment	Scottish Water	01/01/16	31/12/20	Section 16 Sewer Assessment progressing as scheduled.	On track to deliver within agreed LFRMP timescales.
<b>Maintain flood protection scheme</b>	G	Maintain Jedburgh Richmond Row FPS and Skiprunning Burn FPS	Scottish Borders Council	Ongoing	Ongoing	Inspection of the Jedburgh Richmond Row FPS in August 2017 and June 2018. With maintenance work undertaken September 2018. Inspection of Skiprunning Burn FPS and Skiprunning Burn undertaken July 2016, August 2017 and May 2018.	Continue to carry out inspections annually on all flood protection schemes and undertake maintenance as necessary to ensure the continuing functionality of the scheme.
<b>Maintain Flood Warning</b>	G	Maintain the Camptown to Jedburgh and the Jedburgh to Jedfoot Bridge flood warning areas.	SEPA	Ongoing	Ongoing	Continued operation of the flood warning service	SEPA will continue to operate the flood warning service

Tweed Local Flood Risk Management Plan 2016-2022: INTERIM REPORT

<b>Property level protection scheme</b>	<b>G</b>	Property Level Protection implemented as part of the Skiprunning Burn FPS	Scottish Borders Council	Ongoing	Ongoing	Flood resilient doors have reduced the impacts of flooding during January 2016 flood event.	Continue to work with residents and housing associations to ensure the property level protection remains fit for purpose.
<b>Community flood action groups</b>	<b>G</b>	Maintain Jedburgh Skiprunning Burn Flood Warning Group.	Scottish Borders Council	Ongoing	Ongoing	The flood warning group remains active through Scottish Borders Council standalone water level monitoring system.	Scottish Borders Council shall continue to maintain the telemetry system for the flood warning group. More frequent checks on the membership of the flood warning group should be undertaken to ensure the group members remain up to date.
<b>Flood forecasting</b>	<b>G</b>	LPD Wide Action see above - Figure 3: Progress with LPD-wide Actions for the Tweed LPD <a href="#">Click here.</a>					
<b>Self help</b>	<b>G</b>	LPD Wide Action see above - Figure 3: Progress with LPD-wide Actions for the Tweed LPD <a href="#">Click here.</a>					
<b>Awareness raising</b>	<b>G</b>	LPD Wide Action see above - Figure 3: Progress with LPD-wide Actions for the Tweed LPD <a href="#">Click here.</a>					
<b>Maintenance</b>	<b>G</b>	LPD Wide Action see above - Figure 3: Progress with LPD-wide Actions for the Tweed LPD <a href="#">Click here.</a>					
<b>Emergency plans/response</b>	<b>G</b>	LPD Wide Action see above - Figure 3: Progress with LPD-wide Actions for the Tweed LPD <a href="#">Click here.</a>					
<b>Planning Policy</b>	<b>G</b>	LPD Wide Action see above - Figure 3: Progress with LPD-wide Actions for the Tweed LPD <a href="#">Click here.</a>					

## Denholm (Potentially Vulnerable Area 13/11)

<b>Local Plan District</b>	<b>Local authority</b>	<b>Main catchment</b>
Tweed	Scottish Borders Council	River Teviot



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### Summary of Progress for Denholm

There are fewer than 10 residential and non-residential properties at risk of flooding. The Annual Average Damages are approximately £25,000.

Further information can be found in the [Tweed Local Flood Risk Management Plan](#) under PVA 13/11.

#### Key Progress

- Denholm is now an active Resilient Communities Group.

## Overview of actions to manage flooding in Denholm

PVA	Flood protections scheme/works	Natural flood management works	New flood warning	Flood protection study	Natural flood management study	Surface water plan/study	Strategic mapping and modelling	Maintain flood protection scheme*	Maintain flood warning	Flood forecasting	Property level protection scheme	Community flood action groups	Self help	Awareness raising	Maintenance	Site protection plans	Emergency plans/response	Planning policies
13/11								G	G	G			G	G	G		G	G

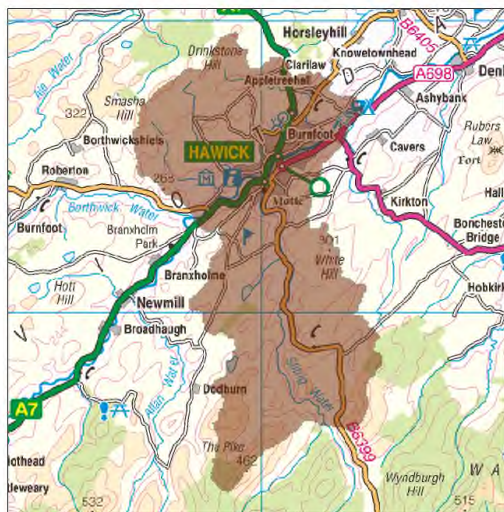
## Summary of progress of actions to manage flood risk in Denholm (PVA 13/11)

Information in these columns represents what was proposed as an action in the Tweed LFRMP to manage flood risk in this PVA during the first Flood Risk Management Cycle 2016 - 2022						Information in these columns represents what was proposed as an action in the Tweed LFRMP to manage flood risk in this PVA during the first Flood Risk Management Cycle 2016 - 2022	
Action	Status (Red; Amber; Green)	Description	Delivery Lead	Start date	End date	Interim progress	Planned actions to complete
Maintain flood protection scheme	G	Maintain Denholm Flood Prevention Scheme	Scottish Borders Council	Ongoing	Ongoing	Inspection of the Denholm Flood Prevention Scheme completed in August 2016, August 2017 and June 2018.	Continue to carry out inspections annually on all flood protection schemes and undertake maintenance as necessary to ensure the continuing functionality of the scheme.
Maintain Flood Warning	G	Maintain the Hawick to Monteviot flood warning area.	SEPA	Ongoing	Ongoing	Continued operation of the flood warning service	SEPA will continue to operate the flood warning service
Flood forecasting	G	LPD Wide Action see above - Figure 3: Progress with LPD-wide Actions for the Tweed LPD <a href="#">Click here.</a>					
Self help	G	LPD Wide Action see above - Figure 3: Progress with LPD-wide Actions for the Tweed LPD <a href="#">Click here.</a>					
Awareness raising	G	LPD Wide Action see above - Figure 3: Progress with LPD-wide Actions for the Tweed LPD <a href="#">Click here.</a>					
Maintenance	G	LPD Wide Action see above - Figure 3: Progress with LPD-wide Actions for the Tweed LPD <a href="#">Click here.</a>					
Emergency plans/response	G	LPD Wide Action see above - Figure 3: Progress with LPD-wide Actions for the Tweed LPD <a href="#">Click here.</a>					
Planning Policy	G	LPD Wide Action see above - Figure 3: Progress with LPD-wide Actions for the Tweed LPD <a href="#">Click here.</a>					



## Hawick (Potentially Vulnerable Area 13/12)

<b>Local Plan District</b>	<b>Local authority</b>	<b>Main catchment</b>
Tweed	Scottish Borders Council	River Teviot



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### Summary of Progress for Hawick

There are approximately 600 residential properties and 440 non-residential properties at risk of flooding. The Annual Average Damages are approximately £2.5 million.

Further information can be found in the [Tweed Local Flood Risk Management Plan](#) under PVA 13/12.

#### Key Progress

- The Hawick Flood Protection Scheme is now a confirmed scheme under the FRM Act and is progressing through the detailed design phase with construction due to commence in January 2020
- The Hawick Flood Group are very proactive in the town and work closely with Scottish Borders Council to prepare for flooding and assist during times of flooding.
- Hawick is also an active Resilient Communities Group.

## Overview of actions to manage flooding in Hawick

PVA	Flood protections scheme/works	Natural flood management works	New flood warning	Flood protection study	Natural flood management study	Surface water plan/study	Strategic mapping and modelling	Maintain flood protection scheme*	Maintain flood warning	Flood forecasting	Property level protection scheme	Community flood action groups	Self help	Awareness raising	Maintenance	Site protection plans	Emergency plans/response	Planning policies
13/12	R				G	A	G	A		G	G		G	G	G		G	G

## Summary of progress of actions to manage flood risk in Hawick (PVA 13/12)

Information in these columns represents what was proposed as an action in the Tweed LFRMP to manage flood risk in this PVA during the first Flood Risk Management Cycle 2016 - 2022						Information in these columns represents what was proposed as an action in the Tweed LFRMP to manage flood risk in this PVA during the first Flood Risk Management Cycle 2016 - 2022	
Action	Status (Red; Amber; Green)	Description	Delivery Lead	Start date	End date	Interim progress	Planned actions to complete
<b>Flood protection scheme works</b>	<b>R</b>	Develop a flood protection scheme for Hawick to mitigate the risk of flooding in the town centre from a 1:75 year event from the River Teviot.	Scottish Borders Council	2016	2022	Hawick Flood Protection Scheme is now a formally approved scheme and is progressing through detailed design. It was initially proposed that construction would begin in July 2019 with completion due Winter 2021. Due to the multiple benefits that have derived since the approval of the Hawick FPS a number of other opportunities deliverable within a large Civil Engineering project and related to the flood scheme are being developed in tandem by the project team. This has meant that revised programme has been developed to ensure the	Construction of the Hawick FPS is now scheduled to commence in January 2020 within the time frames of the first FRM Cycle. Due to the revised programme completion of the scheme is now scheduled for November 2022 at the beginning of the second FRM Cycle 2022 – 2028. The completion date is still within the National 10 year funding cycle (2016 – 2026) to deliver flood schemes detailed in the first FRM Cycle 2016 – 2022.

						successful delivery of the Hawick FPS and associated projects. These include the formation of a SUSTRANS 4m WIDE, 7km LONG walking/cycle route through the town incorporating 3 new footbridges across the river; a new Scottish Water pumping station & associated river outfalls to improve the operational efficiency of the WwTW serving the town; creation of new park space in Weensland and civic space in Mansfield Road. All of these elements will be funded by 3rd parties.	
<b>Natural flood management study</b>	<b>G</b>	Undertake a Natural flood management study for the catchment above Hawick covering the Teviot, Slitrig and Borthwick Waters.	Scottish Borders Council	01/11/16	31/12/20	Scoping exercise has begun with a view to determining how Natural flood management in a large catchment can be identified and the benefits quantified to reduce flood risk in Hawick. It is envisaged to have a	Proceed with developing scoping and contract documents with a view to undertaking a tender exercise to commission a consultant in January 2019.

Tweed Local Flood Risk Management Plan 2016-2022: INTERIM REPORT

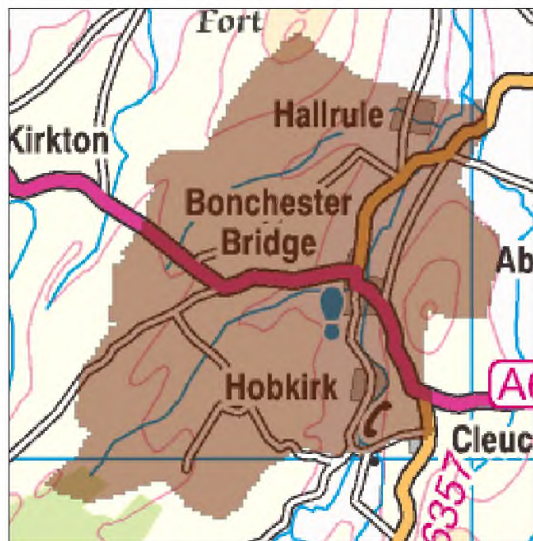
						consultant commissioned by Spring 2019.	
<b>Surface water plan/study</b>	<b>A</b>	Surface Water Management Plan to be developed for Hawick	Scottish Borders Council	03/03/17	31/12/19	Consultant has been commissioned with a significant volume of the work already been done as part of the wider Hawick Flood Protection Scheme.	Formally commission consultant to undertake SWMP in tandem with work being done on Hawick FPS
<b>Strategic mapping and modelling</b>	<b>G</b>	Assessment of flood risk in Hawick sewer catchment	Scottish Water	01/01/16	31/12/20	Section 16 Sewer Assessment progressing as scheduled.	On track to deliver within agreed LFRMP timescales.
<b>Strategic mapping and modelling</b>	<b>A</b>	Fluvial mapping developments: River Teviot area.	SEPA	01/01/16	31/12/18	Screening undertaken to determine the data required for mapping improvements. SEPA priorities align with the mapping work undertaken by Scottish Borders Council as part of the Hawick Flood Protection Scheme preparation.	Review of the Council's flood modelling and mapping will inform any future updates to the existing flood mapping.
<b>Maintain Flood Warning</b>	<b>G</b>	Maintain the Hawick (Slitrig) flood warning area and the Hawick (Teviot) and the Hawick to Monteviot	SEPA	Ongoing	Ongoing	Continued operation of the flood warning service	SEPA will continue to operate the flood warning service

Tweed Local Flood Risk Management Plan 2016-2022: INTERIM REPORT

		flood warning areas.					
<b>Community flood action groups</b>		Continue to work and support the Hawick Flood Group.	Scottish Borders Council	Ongoing	Ongoing	Hawick Flood Group continues to be proactive in the town promoting resilience to flooding. They have also assisted the Council during times of flood warning and work closely with emergency responders during times of flooding.	Scottish Borders Council shall continue to support the Hawick Flood Group in any activities which will raise resilience and awareness of flooding to the general public in Hawick.
<b>Flood forecasting</b>	<b>G</b>	LPD Wide Action see above - Figure 3: Progress with LPD-wide Actions for the Tweed LPD <a href="#">Click here.</a>					
<b>Self help</b>	<b>G</b>	LPD Wide Action see above - Figure 3: Progress with LPD-wide Actions for the Tweed LPD <a href="#">Click here.</a>					
<b>Awareness raising</b>	<b>G</b>	LPD Wide Action see above - Figure 3: Progress with LPD-wide Actions for the Tweed LPD <a href="#">Click here.</a>					
<b>Maintenance</b>	<b>G</b>	LPD Wide Action see above - Figure 3: Progress with LPD-wide Actions for the Tweed LPD <a href="#">Click here.</a>					
<b>Emergency plans/response</b>	<b>G</b>	LPD Wide Action see above - Figure 3: Progress with LPD-wide Actions for the Tweed LPD <a href="#">Click here.</a>					
<b>Planning Policy</b>	<b>G</b>	LPD Wide Action see above - Figure 3: Progress with LPD-wide Actions for the Tweed LPD <a href="#">Click here.</a>					

## Bonchester Bridge (Potentially Vulnerable Area 13/13)

<b>Local Plan District</b>	<b>Local authority</b>	<b>Main catchment</b>
Tweed	Scottish Borders Council	Rule Water



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### Summary of Progress for Bonchester Bridge

There are approximately 40 residential properties and fewer than 10 non-residential properties at risk of flooding.

Further information can be found in the [Tweed Local Flood Risk Management Plan](#) under PVA 13/13.

#### Key Progress

- Other Actions – Flood damage repair to river bank undertaken to rear of gardens on Weens Place.

## Overview of actions to manage flooding in Bonchester Bridge

PVA	Flood protections scheme/works	Natural flood management works	New flood warning	Flood protection study	Natural flood management study	Surface water plan/study	Strategic mapping and modelling	Maintain flood protection scheme*	Maintain flood warning	Flood forecasting	Property level protection scheme	Community flood action groups	Self help	Awareness raising	Maintenance	Site protection plans	Emergency plans/response	Planning policies
13/13										G			G	G	G		G	G

## Summary of progress of actions to manage flood risk in Bonchester Bridge (PVA 13/13)

Information in these columns represents what was proposed as an action in the Tweed LFRMP to manage flood risk in this PVA during the first Flood Risk Management Cycle 2016 - 2022						Information in these columns represents what was proposed as an action in the Tweed LFRMP to manage flood risk in this PVA during the first Flood Risk Management Cycle 2016 - 2022	
Action	Status (Red; Amber; Green)	Description	Delivery Lead	Start date	End date	Interim progress	Planned actions to complete
Flood forecasting	G	LPD Wide Action see above - Figure 3: Progress with LPD-wide Actions for the Tweed LPD <a href="#">Click here.</a>					
Self help	G	LPD Wide Action see above - Figure 3: Progress with LPD-wide Actions for the Tweed LPD <a href="#">Click here.</a>					
Awareness raising	G	LPD Wide Action see above - Figure 3: Progress with LPD-wide Actions for the Tweed LPD <a href="#">Click here.</a>					
Maintenance	G	LPD Wide Action see above - Figure 3: Progress with LPD-wide Actions for the Tweed LPD <a href="#">Click here.</a>					
Emergency plans/response	G	LPD Wide Action see above - Figure 3: Progress with LPD-wide Actions for the Tweed LPD <a href="#">Click here.</a>					
Planning Policy	G	LPD Wide Action see above - Figure 3: Progress with LPD-wide Actions for the Tweed LPD <a href="#">Click here.</a>					

## List of Acronyms and Abbreviations

FRM	Flood Risk Management
ICS	Integrated Catchment Study
LFRMP	Local Flood Risk Management Plan
LPD	Local Plan District
NFM	Natural Flood Management
PVA	Potentially Vulnerable Area
Q&S	Quality & Standards (Scottish Water)
SEPA	Scottish Environment Protection Agency
SR10/15	Spending Review periods for 2010-2015 and 2016-2021 for Scottish Water capital maintenance expenditure
SWMP	Surface Water Management Planning



## Appendix 1: Flood risk management responsibilities in Scotland and the legal requirement for the publication of this INTERIM REPORT

## Flood risk management in Scotland

The Scottish Ministers, SEPA and responsible authorities must exercise their flood risk related functions with a view to reducing overall flood risk (reference Section 1(1) of the Flood Risk Management (Scotland) Act 2009).

Through the preparation of a national flood risk assessment and setting of objectives to reduce the level of flood risk by SEPA, which is published in Flood Risk Management Strategy, and the publication of Local Flood Risk Management Plan's by 'lead' local authorities, which detail how and when the actions agreed to meet these objectives are to be done, SEPA and all responsible authorities must act to manage flood risk in a sustainable way.

[Flood Risk Management Strategy for Tweed Local Plan District](#)  
[Local Flood Risk Management Plan for Tweed Local Plan District.](#)

### Legal requirement

This document sets out the conclusions of the review of the Local Flood Risk Management Plan (LFRMP) for the Tweed Local Plan District (LPD) as required by Section 37 of the Flood Risk Management (Scotland) Act 2009 (the "Act").

#### **37 Local flood risk management plans: interim report**

(1) Not earlier than 2 years and not later than 3 years after a local flood risk management plan is finalised, the lead authority must —

- (a) review the plan, and
- (b) publish a report on the conclusions of the review including information on the progress that has been made towards implementing the measures identified in the implementation part of the plan.

(2) The lead authority must make copies of the report available for public inspection.

The Tweed LFRMP, which includes the 'implementation part of the plan', was published in June 2016. The Interim Report is therefore to be published between July 2018 and June 2019. The Interim Report will provide a summary of the LFRMP actions ('measures') and the proposed delivery timescales.

The information on progress will include:

- an assessment of the progress towards implementing each of the actions;
- reasons for any actions where delivery is not as planned; and
- a description of arrangements planned to deliver the remaining actions and to address delayed actions.

The Interim Report is published by the 'lead authority' as defined by Section 34(9) of the Act in partnership with SEPA and the 'responsible authorities', as defined by Section 5 of the Act, will be in the LPD. The approval of the Interim Report will be in accordance with the agreed governance arrangements in the LPD. The responsible authorities for the Tweed LPD are:

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- Scottish Borders Council (lead authority)
- South Lanarkshire Council
- Scottish Water
- Forestry Commission Scotland

The lead authority must also publish a Final Report on the LFRMP under Section 38 of the Act between July 2021 and June 2022 (not earlier than 5 years and not later than 6 years from the publication of the plan). The Final Report will provide an assessment of current actions and a summary of current actions not implemented, with reasons for their non-implementation. The Final Report will also include a description of any other measures implemented, which the lead authority considers have contributed to the achievement of the objectives summarised in the LFRMP.

### Publication

The published Interim Report for the Tweed LFRMP will be made available for public inspection, as per Section 37(2) of the Act, via the website of the lead authority, Scottish Borders Council:

[www.scotborders.gov.uk/floodplans](http://www.scotborders.gov.uk/floodplans)

Links to the published Interim Report for the Tweed LFRMP will also be provided from Scottish Government, SEPA and other responsible authority websites.

A hard (paper) copy of the published Interim Report for the Tweed LFRMP is also available for public inspection on weekdays between 9am and 5pm at:-

Scottish Borders Council, Council HQ, Newtown St Boswells TD6 0SA

Copies of the published Interim Report for the Tweed LFRMP may also be available at offices of other responsible authorities. It is advised that the responsible authority be contacted to make such arrangements.

Detailed arrangements for publication of the Interim Report for the Tweed LFRMP are in Appendix 2.

## Appendix 2: Publication details

**Flood Risk Management (Scotland) Act 2009**  
**Publication of Interim Report for the Tweed Local Flood Risk Management Plan –**  
**Summary of Proposed Communications Activities**

The following communications activities will be used to publicise and make the interim report available:

- Upon finalising the Interim Report for the Tweed Local FRM Plan, Sections 37(2), 53 and 54 of the Flood Act also specifically require Scottish Borders Council, as the lead authority, to
  - Publish an Interim Report on the Tweed Local FRM Plan;
  - Make copies of the Interim Report available for public inspection free of charge and at all reasonable times;
  - Publicise the arrangements for making it available by means of a notice in the appropriate newspapers (local newspapers within the LPD as considered appropriate)
- The Interim Report for the Tweed Local FRM Plan will be published in pdf version will be made available on the Council's website at [www.scotborders.gov.uk/floodplans](http://www.scotborders.gov.uk/floodplans)
- Hard copies of the Interim Report for the Tweed Local FRM Plan will be held and made available upon request from the Council's Flood & Coastal Management Team 0800 100 1800
- The Interim Report will be sent in digital format to SEPA and the Scottish Ministers.
- On or before the publication date 1 March 2019, public notices will be placed in newspapers circulating in the local plan district fulfilling our duties to publicise the Interim Report in accordance with Sections 37, 53 and 54 of the 2009 Act.
- Subject to the agreement of the Tweed LPD Partnership, the Interim Report will be uploaded to the Council's web site at [www.scotborders.gov.uk/floodplans](http://www.scotborders.gov.uk/floodplans)
- Announcements will be posted on social media (Scottish Borders Council Facebook and Twitter pages).

As the lead authority for the Tweed LPD, we would suggest that the other local authorities within the Tweed LPD Partnership undertake the following minimum activities in order to coordinate communications across the Tweed LPD as follows:

- Update Council webpages to provide an update on the Flood act and a link to the Tweed Local FRM Plan and SEPA strategies.
- Social media announcements. Each local authority will be able to share/like/retweet each other's social media posts to increase the audience reached.

Other Responsible authorities that make up the Local Plan District Partnership are also invited to advertise the publication of the Interim Report on their websites and via social media.

Any further communications activities are then up to each individual responsible authority based on their individual Communications and / or Consultation policies and procedures.