

LPD	PVA	PVA Description	Selected Action ID	Selected Action Type	Location	Description	National Rank	LPD Rank	LA Rank	Lead Authority	Related Actions	Co-ordination arrangement	Funding Arrangements	Delivery Period in Financial Year	Status if already started	Objective ID	Objective Description	Summary of economic impact	Summary of social impact	Summary of environmental impact	
	13 13/01	West Linton	13001001	Planning policies	Applies across Tweed Local Plan District	<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. For further information on the application of national planning policies see Annex 2.</p> <p>Scottish Borders Council is an internal consultee into the planning process and is required to comment on all planning related queries as requested by the planning authority.</p> <p>SEPA has a statutory role in relation to the provision of flood risk advice to planning authorities. This role is expressed in Section 72 of the FRM Act, 2009. SEPA also has a duty to co-operate with planning authorities in the preparation of development plans. When consulted in relation to planning applications for development or site allocations in development plans, and where the planning authority considers there may be a risk of flooding, SEPA will provide advice. The advice provided by SEPA will be with respect to the risk of flooding and on the basis of the relevant information it holds which is suitable for planning purposes. It will also be in line with the principles and duties set out in the FRM Act. Further information about how SEPA engage in the planning system, including guidance on flood risk and planning is available on SEPA website: http://www.sepa.org.uk/environment/land/planning/</p> <p>Scottish Water is a statutory consultee within the planning legislation and is required to comment on all outline or full planning applications which are referred by a local authority.</p>				Planning authority	Strategic mapping and modelling; Maintaining flood warning; Flood forecasting; Awareness raising; self help; Maintenance; Emergency plans/response.	Scottish Borders Council will work with their planners to ensure that appropriate policies and measures are put in place to manage flood risk. This includes adhering to National, Regional and Local Planning Policies, providing advice and information into the formal planning process and ensuring sites going forward in the Local Development Plan have had an initial assessment regarding flood risk.	SEPA's land use planning activities will be co-ordinated with the activities of other responsible authorities as required.	Scottish Borders Council will continue to fund this action through its revenue budget. SEPA's land use planning activities are funded by Scottish Government through SEPA's grant in aid settlement.	2016 - 2022	Existing	13001	Avoid an overall increase in flood risk			
	13 13/01	West Linton	13033007	Maintenance	Applies across Tweed Local Plan District	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 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.				Local authorities, asset / land managers	Strategic mapping and modelling; Maintaining flood warning; Flood forecasting; Awareness raising; self help; Planning Policies; Emergency plans/response.	Scottish Borders has a duty to assess bodies of water and conduct clearance and repair works which would substantially reduce flood risk. Where necessary Scottish Borders Council will coordinate with landowners and other responsible authorities where a risk is identified and carry out works should it be deemed necessary. Scottish Borders Council will prepare a schedule of clearance and repair in accordance with the duties placed on Local Authorities as detailed in the Flood Risk Management (Scotland) Act 2009.	Scottish Borders Council funding for maintenance will be subject to budget allocations over the six years of the plan, 2016-2022. Scottish Water is funded by customer charges as set by our economic regulator, all business activities required under this action by Scottish Water are accounted for in our capital or operational expenditure.	2016 - 2022	Existing	13033	Reduce overall flood risk				
	13 13/01	West Linton	13033009	Flood forecasting	Applies across Tweed Local Plan District	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.	N/A		N/A	SEPA	Strategic mapping and modelling; Maintaining flood warning; Maintenance; Awareness raising; self help; Planning Policies; Emergency plans/response.	SEPA / Met Office joint initiative. Hydrological information is provided by SEPA and meteorological information is provided by the Met Office. SEPA uses the information to predict the likelihood and timing of river, coastal and surface water flooding.	SEPA's flood forecasting service is funded through Scottish Government's grant in aid allocation. The Met Office receives funding from the UK Government.	2016 - 2022	Existing	13033	Reduce overall flood risk				
	13 13/01	West Linton	13033011	Self help	Applies across Tweed Local Plan District	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. Scottish Borders Council offers discounted flood protection products to homes and businesses at risk in the Scottish Borders.	N/A		N/A	—	Strategic mapping and modelling; Maintaining flood warning; Maintenance; Awareness raising; Flood forecasting; Planning Policies; Emergency plans/response.	Scottish Borders Council will work with other responsible authorities to support residents, businesses and local resilient communities groups as required. This will be done by developing and reviewing emergency plans, facilitating resilient communities plans and continuing to provide and develop Scottish Borders Council subsidised flood products scheme.	Scottish Borders Council Revenue and Capital Budgets.	2016 - 2022	Existing	13033	Reduce overall flood risk				
	13 13/01	West Linton	13033013	Awareness raising	Applies across Tweed Local Plan District	<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>From 2016 SEPA will engage with the community through local participation in national initiatives, including partnership working with Neighbourhood Watch Scotland. In addition, SEPA will engage with local authorities and community resilience groups where possible.</p> <p>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>Scottish Borders Council will raise awareness as required and assist responsible authorities in any awareness raising activities they undertake.</p> <p>Scottish Water 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.</p> <p>More general information and flooding guidance will be available on the website at: https://www.scottishwater.co.uk/you-and-your-home/your-home/flooding-information</p>				Responsible authorities	Strategic mapping and modelling; Maintaining flood warning; Maintenance; Self help; Flood forecasting; Planning Policies; Emergency plans/response.	Scottish Borders Council, will continue to work with other responsible authorities to raise awareness. This will include but not limited to utilising the resilient communities' groups' setup by SBC and assisting those groups at a local level to raise awareness within their communities. Engagement with communities relating to other actions will also help develop awareness within this PVA.	Scottish Borders Council activities will be funded through its revenue budget. SEPA's awareness raising activities are funded by Scottish Government through SEPA's grant in aid settlement. Scottish Water is funded by customer charges as set by their economic regulator, all business activities required under this action by Scottish Water are accounted for in our capital or operational expenditure.	2016 - 2022	Existing	13033	Reduce overall flood risk				
	13 13/01	West Linton	13033014	Emergency plans/response	Applies across Tweed Local Plan District	<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. The emergency response by these organisations is co-ordinated through regional and local resilience partnerships. This response may be supported by the work of voluntary organisations.</p> <p>Scottish Water are a Category 2 responder under the Civil Contingencies Act 2004 and will support regional and local resilience partnerships as required.</p>	N/A		N/A	Category 1 and 2 Responders	Strategic mapping and modelling; Maintaining flood warning; Maintenance; Self help; Flood forecasting; Planning Policies; Awareness Raising	Scottish Borders Council, the Emergency Services and SEPA initiate the relevant Emergency Plan as appropriate in relation to MET office weather warnings and SEPA flood warning information. This includes a coordinated approach with representation from all Category 1 and Category 2 responders including Scottish Water, voluntary groups and public utility companies through the Joint Agency Control Centre (Bunker) at Scottish Borders Council.	This action is funded through multiple funding arrangements from a number of agencies.	2016 - 2022	Existing	13033	Reduce overall flood risk				
	13 13/01	West Linton	13033016	Strategic mapping and modelling	Applies across Tweed Local Plan District	SEPA will seek to develop flood mapping in the Upper Tweed, Eddleston Water and Biggar Burn areas to improve understanding of flood risk. The extent and timing of improvements will depend on detailed scoping and data availability. SEPA will seek to incorporate additional surface water data into the flood maps to improve understanding of flood risk. Approximately 800km ² of improved surface water data is currently available within this Local Plan District.				SEPA	Emergency plan/response; Maintaining flood warning; Maintenance; Self help; Flood forecasting; Planning Policies; Awareness Raising	SEPA's strategic mapping activities will be co-ordinated with the activities of other responsible authorities as required.	SEPA's strategic mapping and modelling activities are funded by Scottish Government through SEPA's grant in aid settlement.	Strategic mapping improvements in this area are dependant on a related local authority study. SEPA will await the outputs from this study with a view of incorporating it into the strategic maps subject to a positive assessment. Timescales are indicative only and SEPA will seek to better understand these during 2016 in order to further refine timescales with the intention of updating the strategic river maps in 2017. SEPA led surface water mapping improvements are expected to be undertaken in 2016.	2016 - 2022	Not started	13033	Reduce overall flood risk			
	13 13/01	West Linton	13033019	Strategic mapping and modelling	Applies across Tweed Local Plan District	Scottish Water will review the assessment of flood risk within the highest risk sewer catchments to improve knowledge and understanding of surface water flood risk. Scottish Water will undertake further investigation and modelling in the West Linton sewer catchments to improve knowledge and understanding of flood risk in this area as required under Section 16 of the Flood Risk Management (Scotland) Act 2009.				Scottish Water	Maintain Flood Warning; Emergency plans/response; Maintenance; Self help; Flood forecasting; Planning Policies; Awareness Raising	Scottish Water will work with responsible authorities to incorporate relevant information into these studies and by regularly keeping the responsible authorities informed of their progress. Scottish Water will provide responsible authorities with the outputs of the Section 16 assessment which, where relevant, may be used to inform surface water management plans and SEPA flood hazard and risk maps.	Scottish Water funding is committed in its capital programme through Q&S 4a (2015-2021) which is approved by its regulators and customers.	2016-2018	Not started	13033	Reduce overall flood risk				
	13 13/01	West Linton	13033030	Maintain flood warning	Applies across Tweed Local Plan District	Continue to maintain the Romannobridge to Lyne Station flood warning area which is part of the Lyne Water river flood warning scheme. When flood events occur in an area with an existing flood warning service, SEPA will seek to verify the flood forecasts and warnings. SEPA will use feedback and post-event data to ensure that our flood warning service is timely and accurate.				SEPA	Strategic mapping and modelling; Emergency plans/response; Maintenance; Self help; Flood forecasting; Planning Policies; Awareness Raising	SEPA will work with the local authority to ensure that any new information about flood risk is considered in the existing flood warning system.	The maintenance of SEPA's flood warning service is funded by Scottish Government through SEPA's grant in aid settlement.	2016-2022	Existing	13033	Reduce overall flood risk				

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	13/02	Preston	130010001	Planning policies	Applies across Tweed Local Plan District	<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. For further information on the application of national planning policies see Annex 2.</p> <p>Scottish Borders Council is an internal consultee into the planning process and is required to comment on all planning related queries as requested by the planning authority.</p> <p>SEPA has a statutory role in relation to the provision of flood risk advice to planning authorities. This role is expressed in Section 72 of the FRM Act, 2009. SEPA also has a duty to co-operate with planning authorities in the preparation of development plans. When consulted in relation to planning applications for development or site allocations in development plans, and where the planning authority considers there may be a risk of flooding, SEPA will provide advice. The advice provided by SEPA will be with respect to the risk of flooding and on the basis of the relevant information it holds which is suitable for planning purposes. It will also be in line with the principles and duties set out in the FRM Act. Further information about how SEPA engage in the planning system, including guidance on flood risk and planning is available on SEPA website http://www.sepa.org.uk/environment/land/planning/</p> <p>Scottish Water is a statutory consultee within the planning legislation and is required to comment on all outline or full planning applications which are referred by a local authority.</p>				Planning authority	Maintain flood warning; Flood forecasting; Awareness raising; Self help; Maintenance; Emergency plans/response.	Scottish Borders Council will work with their planners to ensure that appropriate policies and measures are put in place to manage flood risk. This includes adhering to National, Regional and Local Planning Policies, providing advice and information into the formal planning process and ensuring sites going forward in the Local Development Plan have had an initial assessment regarding flood risk.	Scottish Borders Council will continue to fund this action through its revenue budget. SEPA's land use planning activities are funded by Scottish Government through SEPA's grant in aid settlement.	2016 - 2022	Existing	13001	Avoid an overall increase in flood risk			
	13/02	Preston	130330007	Maintenance	Applies across Tweed Local Plan District	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 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.				Scottish Borders Council, asset / land managers	Maintain flood warning; Flood forecasting; Awareness raising; Self help; Planning Policies; Emergency plans/response.	Scottish Borders has a duty to assess bodies of water and conduct clearance and repair works which would substantially reduce flood risk. Where necessary Scottish Borders Council will coordinate with landowners and other responsible authorities where a risk is identified and carry out works should it be deemed necessary. Scottish Borders Council will prepare a schedule of clearance and repair in accordance with the duties placed on Local Authorities as detailed in the Flood Risk Management (Scotland) Act 2009.	Scottish Borders Council funding for maintenance will be subject to budget allocations over the six years of the plan, 2016-2022. Scottish Water is funded by customer charges as set by our economic regulator, all business activities required under this action by Scottish Water are accounted for in our capital or operational expenditure.	2016 - 2022	Existing	13033	Reduce overall flood risk			
	13/02	Preston	130330009	Flood forecasting	Applies across Tweed Local Plan District	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.	N/A		N/A	SEPA	Maintain flood warning; Maintenance; Awareness raising; Self help; Planning Policies; Emergency plans/response.	SEPA / Met Office joint initiative. Hydrological information is provided by SEPA and meteorological information is provided by the Met Office. SEPA uses the information to predict the likelihood and timing of river, coastal and surface water flooding.	SEPA's flood forecasting service is funded through Scottish Government's grant in aid allocation. The Met Office receives funding from the UK Government.	2016 - 2022	Existing	13033	Reduce overall flood risk			
	13/02	Preston	130330011	Self help	Applies across Tweed Local Plan District	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. Scottish Borders Council offers discounted flood protection products to homes and businesses at risk in the Scottish Borders.	N/A		N/A	—	Maintain flood warning; Maintenance; Awareness raising; Flood Forecasting; Planning Policies; Emergency plans/response.	Scottish Borders Council will work with other responsible authorities to support residents, businesses and local resilient communities groups as required. This will be done by developing and reviewing emergency plans, facilitating resilient communities plans and continuing to provide and develop Scottish Borders Council subsidised flood products scheme.	Scottish Borders Council Revenue and Capital Budgets.	2016 - 2022	Existing	13033	Reduce overall flood risk			
	13/02	Preston	130330013	Awareness raising	Applies across Tweed Local Plan District	<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. SEPA will engage with communities through the Scottish Borders Council Resilient Communities initiative. 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>Scottish Borders Council will raise awareness as required and assist responsible authorities in any awareness raising activities they undertake.</p> <p>Scottish Water 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.</p> <p>More general information and flooding guidance will be available on the website at: https://www.scottishwater.co.uk/you-and-your-home/your-home/flooding-information</p>				Responsible authorities	Maintain flood warning; Maintenance; Self Help; Flood Forecasting; Planning Policies; Emergency plans/response	Scottish Borders Council, will continue to work with other responsible authorities to raise awareness. This will include but not limited to utilising the resilient communities' groups' setup by SBC and assisting those groups at a local level to raise awareness within their communities. Engagement with communities relating to other actions will also help develop awareness within this PVA.	Scottish Borders Council activities will be funded through its revenue budget. SEPA's awareness raising activities are funded by Scottish Government through SEPA's grant in aid settlement. Scottish Water is funded by customer charges as set by their economic regulator, all business activities required under this action by Scottish Water are accounted for in our capital or operational expenditure.	2016 - 2022	Existing	13033	Reduce overall flood risk			
	13/02	Preston	130330014	Emergency plans/response	Applies across Tweed Local Plan District	<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. The emergency response by these organisations is co-ordinated through regional and local resilience partnerships. This response may be supported by the work of voluntary organisations.</p> <p>Scottish Water are a Category 2 responder under the Civil Contingencies Act 2004 and will support regional and local resilience partnerships as required.</p>	N/A		N/A	Category 1 and 2 Responders	Maintain flood warning; Maintenance; Self Help; Flood Forecasting; Planning Policies; Awareness raising.	<p>Scottish Borders Council, the Emergency Services and SEPA initiate the relevant Emergency Plan as appropriate in relation to MET office weather warnings and SEPA flood warning information. This includes a coordinated approach with representation from all Category 1 and Category 2 responders including Scottish Water, voluntary groups and public utility companies through the Joint Agency Control Centre (Bunker) at Scottish Borders Council.</p> <p>Scottish Borders Council and other responsible authorities continue to review and develop their Emergency Plans as new information becomes available. This also includes the continued use of Community Sandbag Stores located at publically accessible areas including fire stations and school grounds. Resilient Communities sandbag stores are now also widely distributed across the Scottish Borders in areas that have signed up to the Resilient Communities Initiative.</p>	This action is funded through multiple funding arrangements from a number of agencies.	2016 - 2022	Existing	13033	Reduce overall flood risk			
	13/02	Preston	130330030	Maintain flood warning	Applies across Tweed Local Plan District	Continue to maintain the Preston to Paxton flood warning area which is part of the Whiteadder Water river flood warning scheme. When flood events occur in an area with an existing flood warning service, SEPA will seek to verify the flood forecasts and warnings. SEPA will use feedback and post-event data to ensure that our flood warning service is timely and accurate.				SEPA	Maintain flood warning; Maintenance; Self Help; Flood Forecasting; Planning Policies; Awareness raising.	SEPA will work with the local authority to ensure that any new information about flood risk is considered in the existing flood warning system.	The maintenance of SEPA's flood warning service is funded by Scottish Government through SEPA's grant in aid settlement.	2016 - 2022	Existing	13033	Reduce overall flood risk			

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13	13/03	Lauder	130010001	Planning policies	Applies across Tweed Local Plan District	<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. For further information on the application of national planning policies see Annex 2.</p> <p>Scottish Borders Council is an internal consultee into the planning process and is required to comment on all planning related queries as requested by the planning authority.</p> <p>SEPA has a statutory role in relation to the provision of flood risk advice to planning authorities. This role is expressed in Section 72 of the FRM Act, 2009. SEPA also has a duty to co-operate with planning authorities in the preparation of development plans. When consulted in relation to planning applications for development or site allocations in development plans, and where the planning authority considers there may be a risk of flooding, SEPA will provide advice. The advice provided by SEPA will be with respect to the risk of flooding and on the basis of the relevant information it holds, which is suitable for planning purposes. It will also be in line with the principles and duties set out in the FRM Act. Further information about how SEPA engage in the planning system, including guidance on flood risk and planning is available on SEPA website http://www.sepa.org.uk/environment/land/planning/</p> <p>Scottish Water is a statutory consultee within the planning legislation and is required to comment on all outline or full planning applications which are referred by a local authority.</p>				Planning authority	Maintain flood protection scheme; Strategic mapping and modelling; Flood forecasting; Awareness raising; Self help; Maintenance; Emergency plans/response.	Scottish Borders Council will work with their planners to ensure that appropriate policies and measures are put in place to manage flood risk. This includes adhering to National, Regional and Local Planning Policies, providing advice and information into the formal planning process and ensuring sites going forward in the Local Development Plan have had an initial assessment regarding flood risk.	Scottish Borders Council will continue to fund this action through its revenue budget. SEPA's land use planning activities are funded by Scottish Government through SEPA's grant in aid settlement.	2016 - 2022	Existing	13001	Avoid an overall increase in flood risk			
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13	13/03	Lauder	130330013	Awareness raising	Applies across Tweed Local Plan District	<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>SEPA will engage with communities through the Scottish Borders Council Resilient Communities initiative. 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>Scottish Borders Council will raise awareness as required and assist responsible authorities in any awareness raising activities they undertake.</p> <p>Scottish Water 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.</p> <p>More general information and flooding guidance will be available on the website at: https://www.scottishwater.co.uk/you-and-your-home/your-home/flooding-information</p>				Responsible authorities	Maintain flood protection scheme; Strategic mapping and modelling; Maintenance; self help; Flood forecasting; Planning policies; Emergency plans/response.	Scottish Borders Council, will continue to work with other responsible authorities to raise awareness. This will include but not limited to utilising the resilient communities' groups' setup by SBC and assisting those groups at a local level to raise awareness within their communities. Engagement with communities relating to other actions will also help develop awareness within this PVA.	Scottish Borders Council activities will be funded through its revenue budget. SEPA's awareness raising activities are funded by Scottish Government through SEPA's grant in aid settlement. Scottish Water is funded by customer charges as set by their economic regulator, all business activities required under this action by Scottish Water are accounted for in our capital or operational expenditure.	2016 - 2022	Existing	13033	Reduce overall flood risk			
13	13/03	Lauder	130330014	Emergency plans/response	Applies across Tweed Local Plan District	<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. The emergency response by these organisations is co-ordinated through regional and local resilience partnerships. This response may be supported by the work of voluntary organisations.</p> <p>Scottish Water are a Category 2 responder under the Civil Contingencies Act 2004 and will support regional and local resilience partnerships as required.</p>	N/A			Category 1 and 2 Responders	Maintain flood protection scheme; Strategic mapping and modelling; Maintenance; self help; Flood forecasting; Planning policies; Awareness raising.	Scottish Borders Council, the Emergency Services and SEPA initiate the relevant Emergency Plan as appropriate in relation to MET office weather warnings and SEPA flood warning information. This includes a coordinated approach with representation from all Category 1 and Category 2 responders including Scottish Water, voluntary groups and public utility companies through the Joint Agency Control Centre (Bunker) at Scottish Borders Council.	This action is funded through multiple funding arrangements from a number of agencies.	2016 - 2022	Existing	13033	Reduce overall flood risk			
13	13/03	Lauder	130330016	Strategic mapping and modelling	Applies across Tweed Local Plan District	<p>SEPA will seek to develop flood mapping in Leader Water area to support the improved understanding of flood risk. The extent and timing of improvements will depend on detailed scoping and data availability.</p>				SEPA	Maintain flood protection scheme; Emergency plans/response; Maintenance; self help; Flood forecasting; Planning policies; Awareness raising.	SEPA's strategic mapping activities will be co-ordinated with the activities of other responsible authorities as required.	SEPA's strategic mapping and modelling activities are funded by Scottish Government through SEPA's grant in aid settlement.	Strategic mapping improvements in this area are dependant on a related local authority study. SEPA will await the outputs from this study with a view of incorporating it into the strategic maps subject to a positive assessment. Timescales are indicative only and SEPA will seek to better understand these during 2016 in order to further refine timescales with the intention of updating the strategic river maps in 2019-2020.	Not started	13033	Reduce overall flood risk			
13	13/03	Lauder	130040017	Maintain flood protection scheme	Applies across Tweed Local Plan District	<p>Continue to maintain the Lauder Station Yard Flood Protection Scheme.</p>	N/A			Scottish Borders Council	Strategic mapping and modelling; Emergency plans/response; Maintenance; self help; Flood forecasting; Planning policies; Awareness raising.	Scottish Borders Council will continue to maintain the Lauder Station Yard Flood Protection Scheme to ensure the scheme continues to operate at peak efficiency.	Funding for maintenance will be subject to budget allocations over the six years of the plan, 2016-2022.	2016 - 2022	Existing	13001	Avoid an overall increase in flood risk			
13	13/03	Lauder	130330019	Strategic mapping and modelling	Applies across Tweed Local Plan District	<p>Scottish Water will carry out an assessment of flood risk within the highest risk sewer catchments to improve knowledge and understanding of surface water flood risk.</p> <p>Scottish Water will undertake further investigation and modelling in the Lauder sewer catchments to improve knowledge and understanding of flood risk in this area as required under Section 16 of the Flood Risk Management (Scotland) Act 2009.</p>				Scottish Water	Maintain flood protection scheme; Emergency plans/response; Maintenance; self help; Flood forecasting; Planning policies; Awareness raising.	Scottish Water will work with responsible authorities to incorporate relevant information into these studies and by regularly keeping the responsible authorities informed of their progress. Scottish Water will provide responsible authorities with the outputs of the Section 16 assessment which, where relevant, may be used to inform surface water management plans and SEPA flood hazard and risk maps.	Scottish Water funding is committed in its capital programme through Q&S 4a (2015-2021) which is approved by its regulators and customers.	2016-2019	Not started	13033	Reduce overall flood risk			

LFD	PVA	PVA Description	Selected Action ID	Selected Action Type	Location	Description	National Rank	LFD Rank	LA Rank	Lead Authority	Related Actions	Co-ordination arrangement	Funding Arrangements	Delivery Period in Financial Year	Status if already started	Objective ID	Objective Description	Summary of economic impact	Summary of social impact	Summary of environmental impact	
13	13/05	Earlston	13001001	Planning policies	Applies across Tweed Local Plan District	<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. For further information on the application of national planning policies see Annex 2.</p> <p>Scottish Borders Council is an internal consultee into the planning process and is required to comment on all planning related queries as requested by the planning authority.</p> <p>SEPA has a statutory role in relation to the provision of flood risk advice to planning authorities. This role is expressed in Section 72 of the FRM Act 2009. SEPA also has a duty to co-operate with planning authorities in the preparation of development plans. When consulted in relation to planning applications for development or site allocations in development plans, and where the planning authority considers there may be a risk of flooding, SEPA will provide advice. The advice provided by SEPA will be with respect to the risk of flooding and on the basis of the relevant information it holds which is suitable for planning purposes. It will also be in line with the principles and duties set out in the FRM Act. Further information about how SEPA engage in the planning system, including guidance on flood risk and planning is available on SEPA website http://www.sepa.org.uk/environment/land/planning/</p> <p>Scottish Water is a statutory consultee within the planning legislation and is required to comment on all outline or full planning applications which are referred by a local authority.</p>				Planning authority	Flood protection study; Maintain flood protection scheme; Strategic mapping and modelling; Maintain Flood warning; Flood forecasting; Awareness raising; Self help; Maintenance; Emergency response/plan.	Scottish Borders Council will work with their planners to ensure that appropriate policies and measures are put in place to manage flood risk. This includes adhering to National, Regional and Local Planning Policies, providing advice and information into the formal planning process and ensuring sites going forward in the Local Development Plan have had an initial assessment regarding flood risk.	Scottish Borders Council will continue to fund this action through its revenue budget. SEPA's land use planning activities are funded by Scottish Government through SEPA's grant in aid settlement.	2016 - 2022	Existing	13001	Avoid an overall increase in flood risk				
13	13/05	Earlston	13019005	Flood protection study	Earlston	<p>A flood protection study will be undertaken for Earlston to assess whether modification of conveyance, installation / modification of fluvial control structures, flood defences and natural flood management could reduce flood risk. The study will assess and quantify the existing risk and explore the potential options to reduce flood risk in Earlston. The study will also include an assessment of natural flood management options within the catchment. The study will also consider the viability of property level protection. Natural flood management options should consider river / floodplain restoration and sediment management. The assessment should also consider these actions in combination and the potential benefits and disbenefits to locations both upstream and downstream. Opportunities to enhance and restore the environment should be sought, for example through natural flood management. To be in accord with the FRM Strategy, the responsible authorities should seek to ensure as part of the study the flood plan will not have an adverse effect on the integrity of the River Tweed Special Area of Conservation. Listed buildings and ancient woodlands are also present in the study area and could be positively or negatively impacted.</p>	25 of 168		2 of 6	Scottish Borders Council	Maintain flood protection scheme; Strategic mapping and modelling; Maintain Flood warning; Flood forecasting; Awareness raising; Self help; Maintenance; Emergency plans/response; Planning policies.	Scottish Borders Council will take forward a flood protection study for Earlston.	Scottish Borders Council will liaise with a number of stakeholders and relevant groups these will include but not limited to; other responsible authorities under the FRM (Scotland) Act 2009, local community and groups affected landowners other national bodies and relevant departments within Scottish Borders Council.	Funding for a flood protection study will be subject to budget allocations over the six years of the plan, 2016-2022.	2016-2020	Not started	13019	Reduce economic damages to residential and non-residential properties and flood risk to community facilities in Earlston caused by flooding from the Leader Water / Turfurd Burn	The study could benefit 61 residential properties and 43 non-residential properties at risk of flooding in this location, with potential damages avoided of up to £15 million. Some five of these residential and non-residential properties are at risk from high likelihood flooding and may benefit from natural flood management actions.	Social impacts will depend on the outcome of the study and recommended actions. A reduction in flood risk would have a positive benefit to the health and wellbeing of the community, in addition the study could benefit two emergency services and one healthcare facility located within the study area. Natural flood management actions can restore and enhance natural environments and create opportunities for recreation and tourism.	Flood protection studies should consider the positive and negative impacts of proposed actions on the ecological quality of the environment and designated sites. Where possible opportunities to enhance and restore the environment should be sought, for example through natural flood management. To be in accord with the FRM Strategy, the responsible authority should seek to ensure as part of the study that the action will not have an adverse effect on the integrity of the River Tweed Special Area of Conservation. Listed buildings and ancient woodlands are also present in the study area and could be positively or negatively impacted.
13	13/05	Earlston	13030007	Maintenance	Applies across Tweed Local Plan District	<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 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>				Scottish Borders Council, asset / land managers	Flood protection study; Maintain flood protection scheme; Strategic mapping and modelling; Maintain Flood warning; Flood forecasting; Awareness raising; Self help; Emergency plans/response; Planning policies.	Scottish Borders have a duty to assess bodies of water and conduct clearance and repair works which would substantially reduce flood risk. Where necessary Scottish Borders Council will coordinate with landowners and other responsible authorities where a risk is identified and carry out works should it be deemed necessary. Scottish Borders Council will prepare a schedule of clearance and repair in accordance with the duties placed on Local Authorities as detailed in the Flood Risk Management (Scotland) Act 2009.	Scottish Borders Council funding for maintenance will be subject to budget allocations over the six years of the plan, 2016-2022. Scottish Water is funded by customer charges as set by our economic regulator, all business activities required under this action by Scottish Water are accounted for in our capital or operational expenditure.	2016 - 2022	Existing	13033	Reduce overall flood risk				
13	13/05	Earlston	13033009	Flood forecasting	Applies across Tweed Local Plan District	<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>	N/A		N/A	SEPA	Flood protection study; Maintain flood protection scheme; Strategic mapping and modelling; Maintain Flood warning; Maintenance; Awareness raising; Self help; Emergency plans/response; Planning policies.	SEPA / Met Office joint initiative. Hydrological information is provided by SEPA and meteorological information is provided by the Met Office. SEPA uses the information to predict the likelihood and timing of river, coastal and surface water flooding.	SEPA's flood forecasting service is funded through Scottish Government's grant in aid allocation. The Met Office receives funding from the UK Government.	2016 - 2022	Existing	13033	Reduce overall flood risk				
13	13/05	Earlston	13033011	Self help	Applies across Tweed Local Plan District	<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. Scottish Borders Council offers discounted flood protection products to homes and businesses at risk in the Scottish Borders.</p>	N/A		N/A	—	Flood protection study; Maintain flood protection scheme; Strategic mapping and modelling; Maintain Flood warning; Maintenance; Awareness raising; Flood forecasting; Emergency plans/response; Planning policies.	Scottish Borders Council will work with other responsible authorities to support residents, businesses and local resident communities groups as required. This will be done by developing and reviewing emergency plans, facilitating resilient communities plans and continuing to provide and develop Scottish Borders Council subsidised flood products scheme.	Scottish Borders Council Revenue and Capital/budgets.	2016 - 2022	Existing	13033	Reduce overall flood risk				
13	13/05	Earlston	13033013	Awareness raising	Applies across Tweed Local Plan District	<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. SEPA will engage with communities through the Scottish Borders Council Resilient Communities initiative. 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>Scottish Borders Council will raise awareness as required and assist responsible authorities in any awareness raising activities they undertake.</p> <p>Scottish Water 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.</p> <p>More general information and flooding guidance will be available on the website at: https://www.scottishwater.co.uk/you-and-your-home/your-home/flooding-information</p>				Responsible authorities	Flood protection study; Maintain flood protection scheme; Strategic mapping and modelling; Maintain Flood warning; Maintenance; Self help; Flood forecasting; Emergency plans/response; Planning policies.	Scottish Borders Council, will continue to work with other responsible authorities to raise awareness. This will include but not limited to utilising the resilient communities' groups' setup by SBC and assisting those groups at a local level to raise awareness within their communities. Engagement with communities relating to other actions will also help develop awareness within this PVA.	Scottish Borders Council activities will be funded through its revenue budget. SEPA's awareness raising activities are funded by Scottish Government through SEPA's grant in aid settlement. Scottish Water is funded by customer charges as set by their economic regulator, all business activities required under this action by Scottish Water are accounted for in our capital or operational expenditure.	2016 - 2022	Existing	13033	Reduce overall flood risk				
13	13/05	Earlston	13033014	Emergency plans/response	Applies across Tweed Local Plan District	<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. The emergency response by these organisations is co-ordinated through regional and local resilience partnerships. This response may be supported by the work of voluntary organisations.</p> <p>Scottish Water are a Category 2 responder under the Civil Contingencies Act 2004 and will support regional and local resilience partnerships as required.</p>	N/A		N/A	Category 1 and 2 Responders	Flood protection study; Maintain flood protection scheme; Strategic mapping and modelling; Maintain Flood warning; Maintenance; Self help; Flood forecasting; Awareness raising ; Planning policies.	Scottish Borders Council, the Emergency Services and SEPA initiate the relevant Emergency Plan as appropriate in relation to MET office weather warnings and SEPA flood warning information. This includes a coordinated approach with representation from all Category 1 and Category 2 responders including Scottish Water, voluntary groups and public utility companies through the Joint Agency Control Centre (Bunker) at Scottish Borders Council.	This action is funded through multiple funding arrangements from a number of agencies.	2016 - 2022	Existing	13033	Reduce overall flood risk				
13	13/05	Earlston	13030016	Strategic mapping and modelling	Applies across Tweed Local Plan District	<p>SEPA will seek to incorporate additional surface water data into the flood maps to improve understanding of flood risk. Approximately 800km² of improved surface water data is currently available within this Local Plan District.</p> <p>SEPA will seek to develop flood mapping in the Leader Water area to improve understanding of flood risk. The extent and timing of improvements will depend on detailed scoping and data availability. Where this work coincides with local authority studies, SEPA will work collaboratively to ensure consistent modelling approaches are applied.</p>				SEPA	Flood protection study; Maintain flood protection scheme; Emergency plans/response; Maintain flood warning; Maintenance; Self help; Flood forecasting; Awareness raising ; Planning policies.	A flood protection study is proposed for Earlston. SEPA will work with the local authority to ensure that new information about flood risk resulting from the proposed flood protection study is considered in SEPA's strategic mapping and modelling developments where appropriate and relevant.	SEPA's strategic mapping and modelling activities are funded by Scottish Government through SEPA's grant in aid settlement.	Strategic mapping improvements in this area are dependant on a related local authority study. SEPA will await the outputs from this study with a view of incorporating it into the strategic maps subject to a positive assessment. Timescales are indicative only and SEPA will seek to better understand these during 2016 in order to further refine timescales with the intention of updating the strategic river maps in 2019-2020. Incorporation of additional surface water mapping SEPA-led. Surface water mapping improvements expected to be undertaken 2016.	2016 - 2022	Not started	13033	Reduce overall flood risk			
13	13/05	Earlston	13019007	Maintain flood protection scheme	Earlston	<p>Continue to maintain the existing Turfurd Burn Flood Protection Scheme which reduces the risk of river flooding along the Turfurd Burn.</p>	N/A		N/A	Scottish Borders Council	Flood protection study; Strategic mapping and modelling; Emergency plans/response; Maintain flood warning; Maintenance; Self help; Flood forecasting; Awareness raising ; Planning policies.	Scottish Borders Council will continue to maintain the Earlston Turfurd Burn Flood Protection Scheme to ensure the scheme continues to operate at peak efficiency.	Funding for maintenance will be subject to budget allocations over the six years of the plan, 2016-2022.	2016 - 2022	Existing	13019	Reduce economic damages to residential and non-residential properties and flood risk to community facilities in Earlston caused by flooding from the Leader Water / Turfurd Burn	A reduction of flood risk and its associated impact on property and infrastructure would have positive benefits to the community. There may be temporary negative impacts through disturbance and inconvenience to the local community as these works are carried out.	There are no international, national or local level environmental designations that are likely to be impacted by this action.		
13	13/05	Earlston	13033019	Strategic mapping and modelling	Applies across Tweed Local Plan District	<p>Scottish Water will carry out an assessment of flood risk within the highest risk sewer catchments to improve knowledge and understanding of surface water flood risk.</p> <p>Scottish Water will undertake further investigation and modelling in the Earlston sewer catchments to improve knowledge and understanding of flood risk in this area as required under Section 16 of the Flood Risk Management (Scotland) Act 2009.</p>				Scottish Water	Flood protection study; Maintain flood protection scheme; Emergency plans/response; Maintain flood warning; Maintenance; Self help; Flood forecasting; Awareness raising ; Planning policies.	Scottish Water will work with responsible authorities to incorporate relevant information into these studies and by regularly keeping the responsible authorities informed of their progress. Scottish Water will provide responsible authorities with the outputs of the Section 16 assessment which, where relevant, may be used to inform surface water management plans and SEPA flood hazard and risk maps.	Scottish Water funding is committed in its capital programme through O&S 4a (2015-2021) which is approved by its regulators and customers.	Earlston DOA 2016 - 2017	Not started	13033	Reduce overall flood risk				
13	13/05	Earlston	13033030	Maintain flood warning	Applies across Tweed Local Plan District	<p>Continue to maintain the Earlston flood warning area which is on the Leader Water and is part of the Gala and Leader Water river flood warning scheme.</p> <p>When flood events occur in an area with an existing flood warning service, SEPA will seek to verify the flood forecasts and warnings. SEPA will use feedback and post-event data to ensure that our flood warning service is timely and accurate.</p>				SEPA	Flood protection study; Maintain flood protection scheme; Emergency plans/response; Strategic Mapping and modelling; Maintenance; Self help; Flood forecasting; Awareness raising ; Planning policies.	A flood protection study is proposed for Earlston. SEPA will work with the local authority to ensure that any new information about flood risk resulting from the proposed flood protection study is considered in the existing flood warning system.	The maintenance of SEPA's flood warning service is funded by Scottish Government through SEPA's grant in aid settlement.	Ongoing	Existing	13033	Reduce overall flood risk				

LFD	PVA	PVA Description	Selected Action ID	Selected Action Type	Location	Description	National Rank	PSI Rank	LA Rank	Lead Authority	Related Actions	Co-ordination arrangement	Funding Arrangements	Delivery Period in Financial Year	Status if already started	Objective ID	Objective Description	Summary of economic impact	Summary of social impact	Summary of environmental impact
13	13/07	Biggar	13001001	Planning policies	Applies across Tweed Local Plan District	SEPA has a statutory role in relation to the provision of flood risk advice to planning authorities. This role is expressed in Section 72 of the FRM Act, 2009. SEPA also has a duty to co-operate with planning authorities in the preparation of development plans. When consulted in relation to planning applications for development or site allocations in development plans, and where the planning authority considers there may be a risk of flooding, SEPA will provide advice. The advice provided by SEPA will be with respect to the risk of flooding and on the basis of the relevant information it holds which is suitable for planning purposes. It will also be in line with the principles and duties set out in the FRM Act. Further information on how SEPA engage in the planning system, including guidance on flood risk and planning is available on SEPA website http://www.sepa.org.uk/environment/landplanning/				Planning authority	Strategic Mapping and modelling; Maintain flood warning; Flood forecasting; Awareness raising; Self help; Maintenance; Emergency plans/response.	South Lanarkshire Council will work with their planners to ensure that appropriate policies and measures are put in place to manage flood risk. This includes adhering to National, Regional and Local Planning Policies, providing advice and information into the formal planning process and ensuring sites going forward in the Local Development Plan have had an initial assessment regarding flood risk.	South Lanarkshire Council	2016 - 2022	Existing	13001	Avoid an overall increase in flood risk			
13	13/07	Biggar	13021001	Flood protection study	Biggar	A flood protection study has been recommended for Biggar to assess whether flood storage, modification of conveyance, flood defences, sediment management and natural flood management could reduce flood risk. The study should also consider the viability of property level protection. Natural flood management options that should be considered include river / floodplain restoration and sediment management. The study should take a catchment approach and consider the potential benefits, drawbacks and interaction between actions upstream and downstream. Where possible opportunities to enhance and restore the environment should be sought, for example through natural flood management. The Biggar Water (water body ID 5125) is located within the study area and the physical condition of this river is identified by SEPA to be at less than good status. Opportunities to improve the condition of the river should be considered by coordinating with river basin management planning. Conservation areas, scheduled monuments and listed buildings are also present in the study area and could be positively or negatively impacted.	122 of 168	4 of 4	South Lanarkshire Council	Flood protection scheme/works; Maintain flood protection scheme; Natural flood management study; Strategic mapping and modelling; Maintain flood warning; Flood forecasting; Community flood action groups; Awareness raising; Self help; Surface water plan/study; Maintenance; Emergency plans/response.	South Lanarkshire Council will take forward a flood protection study for Biggar. The study will assess and quantify the existing risk and explore the potential options to reduce flood risk in Biggar. The study will also include an assessment of natural flood management options within the catchment.	Funding for a flood protection study will be subject to budget allocations over the six years of the plan, 2016-2022.	2016-2021	Not started	13021	Reduce economic damages to residential and non-residential properties in Biggar caused by flooding from the Biggar Burn	The study could benefit 38 residential properties and 12 non-residential properties at risk of flooding in this location, with potential damages avoided of up to £2.3 million. Twenty-five of these properties are at risk from high likelihood flooding and may benefit from natural flood management actions.	Social impacts will depend on the outcome of the study and recommended actions. A reduction in flood risk would have a positive benefit to the health and wellbeing of the community. Natural flood management actions can restore and enhance natural environments and create opportunities for recreation and tourism.	Flood protection studies should consider the positive and negative impacts of proposed actions on the ecological quality of the environment and designated sites. Where possible opportunities to enhance and restore the environment should be sought, for example through natural flood management. The Biggar Water (water body ID 5125) is located within the study area and the physical condition of this river is identified by SEPA to be at less than good status. Opportunities to improve the condition of the river should be considered by coordinating with river basin management planning. Conservation areas, scheduled monuments and listed buildings are also present in the study area and could be positively or negatively impacted.	
13	13/07	Biggar	13033007	Maintenance	Applies across Tweed Local Plan District	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 inspection 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.				Local authorities, asset / land managers	Strategic Mapping and modelling; Maintain flood warning; Flood forecasting; Awareness raising; Self help; Planning Policies; Emergency plans/response.	South Lanarkshire Council has a duty to assess bodies of water and conduct clearance and repair works which would substantially reduce flood risk. Where necessary South Lanarkshire Council will coordinate with landowners and other responsible authorities where a risk is identified and carry out works should it be deemed necessary. South Lanarkshire Council will prepare a schedule of clearance and repair in accordance with the duties placed on Local Authorities as detailed in the Flood Risk Management (Scotland) Act 2009.	Funding for maintenance will be subject to budget allocations over the six years of the plan, 2016-2022.	2016 - 2022	Existing	13033	Reduce overall flood risk			
13	13/07	Biggar	13033009	Flood forecasting	Applies across Tweed Local Plan District	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.	N/A		N/A	SEPA	SEPA / Met Office joint initiative. Hydrological information is provided by SEPA and meteorological information is provided by the Met Office. SEPA uses the information to predict the likelihood and timing of river, coastal and surface water flooding.	SEPA's flood forecasting service is funded through Scottish Government's grant in aid allocation. The Met Office receives funding from the UK Government.	2016 - 2022	Existing	13033	Reduce overall flood risk				
13	13/07	Biggar	13033011	Self help	Applies across Tweed Local Plan District	Everyone is responsible for protecting themselves and their property from flooding. Property and business owners can take simple steps to reduce damage and diversion 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.	N/A		N/A	—	Strategic Mapping and modelling; Maintain flood warning; Maintenance; Awareness raising; Flood forecasting; Planning Policies; Emergency plans/response.	South Lanarkshire Council will work with other responsible authorities to support residents, businesses and local resilient communities groups as required. This will be done by developing and reviewing emergency plans.		2016 - 2022	Existing	13033	Reduce overall flood risk			
13	13/07	Biggar	13033013	Awareness raising	Applies across Tweed Local Plan District	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. From 2016 SEPA will engage with the community through local participation in national initiatives, including partnership working with Neighbourhood Watch Scotland. In addition, SEPA will engage with local authorities and community resilience groups 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. Local authorities will be undertaking additional awareness raising activities. Further details will be set out in the Local FRM Plan. Scottish Water 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 website at: https://www.scottishwater.co.uk/you-and-your-home/your-home/flooding-information				Responsible authorities	Strategic Mapping and modelling; Maintain flood warning; Maintenance; Self help; Flood forecasting; Planning Policies; Emergency plans/response.	South Lanarkshire Council, will continue to work with other responsible authorities to raise awareness. This will include engagement with communities relating to other actions we also help develop awareness within this PVA.		2016 - 2022	Existing	13033	Reduce overall flood risk			
13	13/07	Biggar	13033015	Emergency plans/response	Applies across Tweed Local Plan District	Providing an emergency response to flooding is the responsibility of many organizations, 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. The emergency response by these organisations is co-ordinated through regional and local resilience partnerships. This response may be supported by the work of voluntary organisations. Scottish Water are a Category 2 responder under the Civil Contingencies Act 2004 and will support regional and local resilience partnerships as required.	N/A		N/A	Category 1 and 2 Responders	Strategic Mapping and modelling; Maintain flood warning; Maintenance; Self help; Flood forecasting; Planning Policies; Awareness raising.	South Lanarkshire Council, the Emergency Services and SEPA initiate the relevant Emergency Plan as appropriate in relation to MET office weather warnings and SEPA flood warning information. This includes a coordinated approach with representation from all Category 1 and Category 2 responders including voluntary groups, through the Joint Agency Control Centre. South Lanarkshire Council continue to review and develop their Emergency Plans as new information becomes available.	This action is funded through multiple funding arrangements from a number of agencies.	2016 - 2022	Existing	13033	Reduce overall flood risk			
13	13/07	Biggar	13033016	Strategic mapping and modelling	Applies across Tweed Local Plan District	SEPA will seek to develop flood mapping in the Upper Tweed, Eddleston Water and Biggar Burn areas to improve understanding of flood risk. The extent and timing of improvements will depend on detailed scoping and data availability. Where this work coincides with local authority studies, SEPA will work collaboratively to ensure consistent modelling approaches are applied.				SEPA		A flood protection study is proposed for Biggar. SEPA will work with the local authority to ensure that new information about flood risk resulting from the proposed flood protection study is considered in SEPA's strategic mapping and modelling developments where appropriate and relevant.	SEPA's strategic mapping and modelling activities are funded by Scottish Government through SEPA's grant in aid settlement.	Strategic mapping improvements in this area are dependent on a local authority study. SEPA will await the outputs from these studies with a view of incorporating it into the strategic maps subject to a positive assessment. Timescales are indicative only and SEPA will seek to better understand these during 2016 in order to further refine timescales. The intention is to update the strategic river maps in 2018, 2021.	Not started	13033	Reduce overall flood risk			
13	13/07	Biggar	13021017	Maintain flood protection scheme	Biggar	Continue to maintain the existing flood accommodation system at Biggar High School.	N/A		N/A	South Lanarkshire Council	Planning policies; Emergency plans/response; Strategic mapping and modelling; Maintain flood warning; Property level protection scheme; Self help; Community flood action groups; Flood forecasting; Maintenance; Surface water plan study; Flood protection study; Awareness Raising.	South Lanarkshire Council will continue to maintain the existing flooding accommodation scheme at Biggar High School to ensure the scheme continues to operate as peak efficiency.	Funding for maintenance will be subject to budget allocations over the six years of the plan, 2016-2022.	Ongoing	Existing	13021	Reduce economic damages to residential and non-residential properties in Biggar caused by flooding from the Biggar Burn	Economic impact has not been estimated	A reduction of flood risk and its associated impact on property and infrastructure would have positive benefits to the community. There may be temporary negative impacts through disturbance and inconvenience to the local community as these works are carried out.	There are no international, national or local level environmental designations that are likely to be impacted by this action.
13	13/07	Biggar	13033005	Strategic mapping and modelling	Applies across Tweed Local Plan District	Scottish Water will carry out an assessment of flood risk within the highest risk sewer catchments to improve knowledge and understanding of surface water flood risk. Scottish Water will undertake further investigation and modelling in the Biggar sewer catchments to improve knowledge and understanding of flood risk in this area as required under Section 16 of the Flood Risk Management (Scotland) Act 2009.				Scottish Water		Scottish Water will work with responsible authorities to incorporate relevant information into these studies and by regularly keeping the responsible authorities informed of their progress. Scottish Water will provide responsible authorities with the outputs of the Section 16 assessment which, where relevant, may be used to inform surface water management plans and SEPA flood hazard and risk maps.	Scottish Water funding is committed in its capital programme through GB5 4a (2015-2021) which is approved by its regulators and customers.	Biggar DOA 2016 - 2018	Not started	13033	Reduce overall flood risk			

LPD	PVA	PVA Description	Selected Action ID	Selected Action Type	Location	Description	National Rank	LPD Rank	LA Rank	Lead Authority	Related Actions	Co-ordination arrangement	Funding Arrangements	Delivery Period in Financial Year	Status if already started	Objective ID	Objective Description	Summary of economic impact	Summary of social impact	Summary of environmental impact
13	13/08	Broughton	130010001	Planning policies	Applies across Tweed Local Plan District	<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. For further information on the application of national planning policies see Annex 2.</p> <p>Scottish Borders Council is an internal consultee into the planning process and is required to comment on all planning related queries as requested by the planning authority.</p> <p>SEPA has a statutory role in relation to the provision of flood risk advice to planning authorities. This role is expressed in Section 72 of the FRM Act, 2009. SEPA also has a duty to co-operate with planning authorities in the preparation of development plans. When consulted in relation to planning applications for development or site allocations in development plans, and where the planning authority considers there may be a risk of flooding, SEPA will provide advice. The advice provided by SEPA will be with respect to the risk of flooding and on the basis of the relevant information it holds which is suitable for planning purposes. It will also be in line with the principles and duties set out in the FRM Act. Further information about how SEPA engage in the planning system, including guidance on flood risk and planning is available on SEPA website http://www.sepa.org.uk/environment/land/planning/</p> <p>Scottish Water is a statutory consultee within the planning legislation and is required to comment on all outline or full planning applications which are referred by a local authority.</p>				Planning authority	Flood protection study; Strategic mapping and modelling; Flood forecasting; Awareness raising; Self help; Maintenance; Emergency plans/response.	Scottish Borders Council will work with their planners to ensure that appropriate policies and measures are put in place to manage flood risk. This includes adhering to National, Regional and Local Planning Policies, providing advice and information into the local planning process and ensuring sites going forward in the Local Development Plan have had an initial assessment regarding flood risk.	Scottish Borders Council will continue to fund this action through its revenue budget. SEPA's land use planning activities are funded by Scottish Government, through SEPA's grant in aid settlement.	2016 - 2022	Existing	13001	Avoid an overall increase in flood risk			
13	13/08	Broughton	130130005	Flood protection study	Broughton	<p>A flood protection study will be undertaken for Peebles, Innerleithen and Broughton to assess whether modification of conveyance, installation / modification of fluvial control structures, direct flood defences and natural flood management could reduce flood risk. The study will assess and quantify the existing risk and explore the potential options to reduce flood risk in Peebles, Innerleithen and Broughton. The study will also include an assessment of natural flood management options within the catchment. The study will also consider the viability of property level protection. Natural flood management options should consider runoff control, river / floodplain restoration and sediment management. The study will co-ordinate with the Eddleston Water restoration project managed by the Tweed Forum. The study will take a catchment approach and consider the potential benefits, disbenefits and interaction between actions upstream and downstream. Part of this proposed flood protection study is located in PVA 13/04. The benefits and impacts will be assessed for the whole study. Opportunities to improve the condition of the river should be considered by coordinating with river basin management planning. To be in accord with the FRM Strategy, the responsible authority should seek to ensure as part of the study that the action will not have an adverse effect on the integrity of the Westwater Special Protection Area, River Tweed Special Area of Conservation or Moffat Hills Special Area of Conservation. Conservation areas, National Scenic Areas, scheduled monuments, listed buildings, Sites of Special Scientific Interest and ancient woodlands are also present in the study area and could be positively or negatively impacted.</p>	1 of 168	1 of 6	Scottish Borders Council	Planning policies; Strategic mapping and modelling; Flood forecasting; Awareness raising; Self help; Maintenance; Emergency plans/response.	Scottish Borders Council will take forward a flood protection study for Peebles, Innerleithen and Broughton. The study will build upon and supplement previous studies carried out in the area.	Funding for a Flood protection study will be subject to budget allocations over the six years of the plan, 2016-2022.	2016-2020	Not started	13022	Reduce economic damages to residential and non-residential properties and flood risk to community facilities in Broughton caused by river flooding	The study could benefit 839 residential properties and 149 non-residential properties at risk of flooding in this location, with potential damages avoided of up to £52 million. One hundred and twenty-eight of these properties are at risk from high likelihood flooding and may benefit from natural flood management actions.	Social impacts will depend on the outcome of the study and recommended actions. A reduction in flood risk would have a positive benefit to the health and wellbeing of the community. In addition the study could benefit five community facilities, three emergency services, one healthcare facility, seven utilities and five roads located within the study area. Natural flood management actions can restore and enhance natural environments and create opportunities for recreation and tourism.	Flood protection studies should consider the positive and negative impacts of proposed actions on the ecological quality of the environment and designated sites. Where possible opportunities to enhance and restore the environment should be sought, for example through natural flood management. The physical condition of a number of rivers within the study area is identified by SEPA to be at less than good status. These include: Eddleston Water, Tarh Water, Dead Burn, Biggar Water, Cairn Burn and Spittal Burn (water body IDs: S307, S314, S315, S325, S321 and S329). Opportunities to improve the condition of the river should be considered by coordinating with river basin management planning. To be in accord with the FRM Strategy, the responsible authority should seek to ensure as part of the study that the action will not have an adverse effect on the integrity of the Westwater Special Protection Area, River Tweed Special Area of Conservation or Moffat Hills Special Area of Conservation. Conservation areas, National Scenic Areas, scheduled monuments, listed buildings, Sites of Special Scientific Interest and ancient woodlands are also present in the study area and could be positively or negatively impacted.	
13	13/08	Broughton	130330007	Maintenance	Applies across Tweed Local Plan District	<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 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>			Scottish Borders Council, asset / land managers	Planning policies; Strategic mapping and modelling; Flood forecasting; Awareness raising; Self help; Flood protection study; Emergency plans/response.	Scottish Borders has a duty to assess bodies of water and conduct clearance and repair works which would substantially reduce flood risk. Where necessary Scottish Borders Council will coordinate with landowners and other responsible authorities where a risk is identified and carry out works should it be deemed necessary. Scottish Borders Council will prepare a schedule of clearance and repair in accordance with the duties placed on Local Authorities as detailed in the Flood Risk Management (Scotland) Act 2009.	Scottish Borders Council funding for maintenance will be subject to budget allocations over the six years of the plan, 2016-2022. Scottish Water is funded by customer charges as set by our economic regulator, all business activities required under this action by Scottish Water are accounted for in our capital or operational expenditure.	2016 - 2022	Existing	13033	Reduce overall flood risk				
13	13/08	Broughton	130330009	Flood forecasting	Applies across Tweed Local Plan District	<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>	N/A	N/A	SEPA	Planning policies; Strategic mapping and modelling; Maintenance; Awareness raising; Self help; Flood protection study; Emergency plans/response.	SEPA / Met Office joint initiative. Hydrological information is provided by SEPA and meteorological information is provided by the Met Office. SEPA uses the information to predict the likelihood and timing of river, coastal and surface water flooding.	SEPA's flood forecasting service is funded through Scottish Government's grant in aid allocation. The Met Office receives funding from the UK Government.	2016 - 2022	Existing	13033	Reduce overall flood risk				
13	13/08	Broughton	130330011	Self help	Applies across Tweed Local Plan District	<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. Scottish Borders Council offers discounted flood protection products to homes and businesses at risk in the Scottish Borders.</p>	N/A	N/A	—	Planning policies; Strategic mapping and modelling; Flood forecasting; Awareness raising; Maintenance; Flood protection study; Emergency plans/response.	Scottish Borders Council will work with other responsible authorities to support residents, businesses and local resilient communities groups as required. This will be done by developing and reviewing emergency plans, facilitating resilient communities plans and continuing to provide and develop Scottish Borders Council subsidised flood products scheme.	Scottish Borders Council Revenue and Capital Budgets.	2016 - 2022	Existing	13033	Reduce overall flood risk				
13	13/08	Broughton	130330013	Awareness raising	Applies across Tweed Local Plan District	<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. SEPA will engage with communities through the Scottish Borders Council Resilient Communities initiative. 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>Scottish Borders Council will raise awareness as required and assist responsible authorities in any awareness raising activities they undertake.</p> <p>Scottish Water 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.</p> <p>More general information and flooding guidance will be available on the website at: https://www.scottishwater.co.uk/you-and-your-home/your-home/flooding-information</p>			Responsible authorities	Planning policies; Strategic mapping and modelling; Flood forecasting; Self help; Maintenance; Flood protection study; Emergency plans/response.	Scottish Borders Council, will continue to work with other responsible authorities to raise awareness. This will include but not limited to utilising the resilient communities' groups' setup by SRC and assisting those groups at a local level to raise awareness within their communities. Engagement with communities relating to other actions will also help develop awareness within this PVA.	Scottish Borders Council activities will be funded through its revenue budget. SEPA's awareness raising activities are funded by Scottish Government through SEPA's grant in aid settlement. Scottish Water is funded by customer charges as set by their economic regulator, all business activities required under this action by Scottish Water are accounted for in our capital or operational expenditure.	2016 - 2022	Existing	13033	Reduce overall flood risk				
13	13/08	Broughton	130330014	Emergency plans/response	Applies across Tweed Local Plan District	<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. The emergency response by these organisations is co-ordinated through regional and local resilience partnerships. This response may be supported by the work of voluntary organisations.</p> <p>Scottish Water are a Category 2 responder under the Civil Contingencies Act 2004 and will support regional and local resilience partnerships as required.</p>	N/A	N/A	Category 1 and 2 Responders	Planning policies; Strategic mapping and modelling; Flood forecasting; Self help; Maintenance; Flood protection study; Awareness raising.	Scottish Borders Council, the Emergency Services and SEPA initiate the relevant Emergency Plan as appropriate in relation to MET office weather warnings and SEPA flood warning information. This includes a coordinated approach with representation from all Category 1 and Category 2 responders including Scottish Water, voluntary groups and public utility companies through the Joint Agency Control Centre (Bunker) at Scottish Borders Council.	This action is funded through multiple funding arrangements from a number of agencies.	2016 - 2022	Existing	13033	Reduce overall flood risk				
13	13/08	Broughton	130330016	Strategic mapping and modelling	Applies across Tweed Local Plan District	<p>SEPA will seek to develop flood mapping in the Upper Tweed, Eddleston Water and Biggar Burn areas to improve understanding of flood risk. The extent and timing of improvements will depend on detailed scoping and data availability.</p>			SEPA		A flood protection study is proposed for Peebles, Innerleithen and Broughton. SEPA will work with the local authority to ensure that new information about flood risk resulting from the proposed flood protection study is considered in SEPA's strategic mapping and modelling developments where appropriate and relevant.	SEPA's strategic mapping and modelling activities are funded by Scottish Government through SEPA's grant in aid settlement.	Strategic mapping improvements in this area are dependant on a local authority study. SEPA will await the outputs from these studies with a view of incorporating it into the strategic maps subject to a positive assessment. Timescales are indicative only and SEPA will seek to better understand these during 2016 in order to further refine timescales. The intention is to update the strategic river maps in 2017.	2016 - 2022	Not started	13033	Reduce overall flood risk			

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	13/13/09	Kelso	130310001	Planning policies	Applies across Tweed Local Plan District	<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. For further information on the application of national planning policies see Annex 2.</p> <p>Scottish Borders Council is an internal consultee into the planning process and is required to comment on all planning related queries as requested by the planning authority.</p> <p>SEPA has a statutory role in relation to the provision of flood risk advice to planning authorities. This role is expressed in Section 72 of the FRM Act, 2009. SEPA also has a duty to co-operate with planning authorities in the preparation of development plans. When consulted in relation to planning applications for development or site allocations in development plans, and where the planning authority considers there may be a risk of flooding, SEPA will provide advice. The advice provided by SEPA will be with respect to the risk of flooding and on the basis of the relevant information it holds which is suitable for planning purposes. It will also be in line with the principles and duties set out in the FRM Act. Further information about how SEPA engage in the planning system, including guidance on flood risk and planning is available on SEPA website http://www.sepa.org.uk/environment/land/planning/</p> <p>Scottish Water is a statutory consultee within the planning legislation and is required to comment on all outline or full planning applications which are referred by a local authority.</p>					Planning authority	Strategic mapping and modelling; maintain flood warning; Flood forecasting; Awareness raising; Self help; Surface water plan/study; Maintenance; Emergency plans/response.	Scottish Borders Council will work with their planners to ensure that appropriate policies and measures are put in place to manage flood risk. This includes adhering to National, Regional and Local Planning Policies, providing advice and information into the formal planning process and ensuring sites going forward in the Local Development Plan have had an initial assessment regarding flood risk.	Scottish Borders Council will continue to fund this action through its revenue budget. SEPA's land use planning activities are funded by Scottish Government through SEPA's grant in aid settlement.	2016 - 2022	Existing	13001	Avoid an overall increase in flood risk			
	13/13/09	Kelso	130330007	Maintenance	Applies across Tweed Local Plan District	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 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.				Scottish Borders Council, asset/land managers	Strategic mapping and modelling; maintain flood warning; Flood forecasting; Awareness raising; Self help; Surface water plan/study; Planning policies; Emergency plans/response.	Scottish Borders has a duty to assess bodies of water and conduct clearance and repair works which would substantially reduce flood risk. Where necessary Scottish Borders Council will coordinate with landowners and other responsible authorities where a risk is identified and carry out works should it be deemed necessary. Scottish Borders Council will prepare a schedule of clearance and repair in accordance with the duties placed on Local Authorities as detailed in the Flood Risk Management (Scotland) Act 2009.	Scottish Borders Council funding for maintenance will be subject to budget allocations over the six years of the plan, 2016-2022. Scottish Water is funded by customer charges as set by our economic regulator, all business activities required under this action by Scottish Water are accounted for in our capital or operational expenditure.	2016 - 2022	Existing	13033	Reduce overall flood risk				
	13/13/09	Kelso	130330009	Flood forecasting	Applies across Tweed Local Plan District	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.	N/A		N/A	SEPA	Strategic mapping and modelling; maintain flood warning; Maintenance; Awareness raising; Self help; Surface water plan/study; Planning policies; Emergency plans/response	SEPA / Met Office joint initiative. Hydrological information is provided by SEPA and meteorological information is provided by the Met Office. SEPA uses the information to predict the likelihood and timing of river, coastal and surface water flooding.	SEPA's flood forecasting service is funded through Scottish Government's grant in aid allocation. The Met Office receives funding from the UK Government.	2016 - 2022	Existing	13033	Reduce overall flood risk				
	13/13/09	Kelso	130330011	Self help	Applies across Tweed Local Plan District	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. Scottish Borders Council offers discounted flood protection products to homes and businesses at risk in the Scottish Borders.	N/A		N/A	—	Strategic mapping and modelling; maintain flood warning; Maintenance; Awareness raising; Flood forecasting; Surface water plan/study; Planning policies; Emergency plans/response	Scottish Borders Council will work with other responsible authorities to support residents, businesses and local resilient communities groups as required. This will be done by developing and reviewing emergency plans, facilitating resilient communities plans and continuing to provide and develop Scottish Borders Council subsidised flood products scheme.	Scottish Borders Council Revenue and Capital Budgets.	2016 - 2022	Existing	13033	Reduce overall flood risk				
	13/13/09	Kelso	130330013	Awareness raising	Applies across Tweed Local Plan District	<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. SEPA will engage with communities through the Scottish Borders Council Resilient Communities initiative. 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>Scottish Borders Council will raise awareness as required and assist responsible authorities in any awareness raising activities they undertake.</p> <p>Scottish Water 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.</p> <p>More general information and flooding guidance will be available on the website at: https://www.scottishwater.co.uk/you-and-your-home/your-home/flooding-information</p>				Responsible authorities	Strategic mapping and modelling; maintain flood warning; Maintenance; Self help; Flood forecasting; Surface water plan/study; Planning policies; Emergency plans/response.	Scottish Borders Council, will continue to work with other responsible authorities to raise awareness. This will include but not limited to utilising the resilient communities' groups' setup by SBC and assisting those groups at a local level to raise awareness within their communities. Engagement with communities relating to other actions will also help develop awareness within this PVA.	Scottish Borders Council activities will be funded through its revenue budget. SEPA's awareness raising activities are funded by Scottish Government through SEPA's grant in aid settlement. Scottish Water is funded by customer charges as set by their economic regulator, all business activities required under this action by Scottish Water are accounted for in our capital or operational expenditure.	2016 - 2022	Existing	13033	Reduce overall flood risk				
	13/13/09	Kelso	130330014	Emergency plans/response	Applies across Tweed Local Plan District	<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. The emergency response by these organisations is co-ordinated through regional and local resilience partnerships. This response may be supported by the work of voluntary organisations.</p> <p>Scottish Water are a Category 2 responder under the Civil Contingencies Act 2004 and will support regional and local resilience partnerships as required.</p>	N/A		N/A	Category 1 and 2 Responders	Strategic mapping and modelling; maintain flood warning; Maintenance; Self help; Flood forecasting; Surface water plan/study; Planning policies; Awareness raising.	Scottish Borders Council, the Emergency Services and SEPA initiate the relevant Emergency Plan as appropriate in relation to MET office weather warnings and SEPA flood warning information. This includes a coordinated approach with representation from all Category 1 and Category 2 responders including Scottish Water, voluntary groups and public utility companies through the Joint Agency Control Centre (Bunker) at Scottish Borders Council.	This action is funded through multiple funding arrangements from a number of agencies.	2016 - 2022	Existing	13033	Reduce overall flood risk				
	13/13/09	Kelso	130330019	Strategic mapping and modelling	Applies across Tweed Local Plan District	<p>Scottish Water will carry out an assessment of flood risk within the highest risk sewer catchments to improve knowledge and understanding of surface water flood risk.</p> <p>Scottish Water will undertake further investigation and modelling in the Kelso sewer catchments to improve knowledge and understanding of flood risk in this area as required under Section 16 of the Flood Risk Management (Scotland) Act 2009.</p>				Scottish Water	Surface water plan/study; maintain flood warning; Maintenance; Self help; Flood forecasting; Emergency Plans/response; Planning policies; Awareness raising.	Scottish Water will work with responsible authorities to incorporate relevant information into these studies and by regularly keeping the responsible authorities informed of their progress. Scottish Water will provide responsible authorities with the outputs of the Section 16 assessment which, where relevant, may be used to inform surface water management plans and SEPA flood hazard and risk maps.	Scottish Water funding is committed in its capital programme through ONS 4a (2015-2021) which is approved by its regulators and customers.	Kelso DOA 2016 - 2020	Not started	13033	Reduce overall flood risk				
	13/13/09	Kelso	130330030	Maintain flood warning	Applies across Tweed Local Plan District	Continue to maintain the Kelso to Coldstream flood warning area which is part of the Tweed river flood warning scheme. When flood events occur in an area with an existing flood warning service, SEPA will seek to verify the flood forecasts and warnings. SEPA will use feedback and post-event data to ensure that our flood warning service is timely and accurate.				SEPA	Surface water plan/study; Strategic mapping and modelling; Maintenance; Self help; Flood forecasting; Emergency Plans/response; Planning policies; Awareness raising.	SEPA will work with the local authority to ensure that any new information about flood risk is considered in the existing flood warning system.	The maintenance of SEPA's flood warning service is funded by Scottish Government through SEPA's grant in aid settlement.	Ongoing	Existing	13033	Reduce overall flood risk				

LPD	PVA	PVA Description	Selected Action ID	Selected Action Type	Location	Description	National Rank	LPD Rank	LA Rank	Lead Authority	Related Actions	Co-ordination arrangement	Funding Arrangements	Delivery Period in Financial Year	Status if already started	Objective ID	Objective Description	Summary of economic impact	Summary of social impact	Summary of environmental impact	
	13/13/10	Jedburgh	130010001	Planning policies	Applies across Tweed Local Plan District	<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. For further information on the application of national planning policies see Annex 2.</p> <p>Scottish Borders Council is an internal consultee into the planning process and is required to comment on all planning related queries as requested by the planning authority.</p> <p>SEPA has a statutory role in relation to the provision of flood risk advice to planning authorities. This role is expressed in Section 72 of the FRM Act, 2009. SEPA also has a duty to co-operate with planning authorities in the preparation of development plans. When consulted in relation to planning applications for development or site allocations in development plans, and where the planning authority considers there may be a risk of flooding, SEPA will provide advice. The advice provided by SEPA will be with respect to the risk of flooding and on the basis of the relevant information it holds which is suitable for planning purposes. It will also be in line with the principles and duties set out in the FRM Act. Further information about how SEPA engage in the planning system, including guidance on flood risk and planning is available on SEPA website http://www.sepa.org.uk/environment/land/planning/</p> <p>Scottish Water is a statutory consultee within the planning legislation and is required to comment on all outline or full planning applications which are referred by a local authority.</p>					Planning authority	<p>Flood protection study; Maintain flood protection scheme; Strategic mapping and modelling; Maintain flood warning; Flood forecasting; Community flood action groups; Awareness Raising; Self help; Property level protection scheme; Surface water plan study; Maintenance; Emergency plans/response.</p>	<p>Scottish Borders Council will work with their planners to ensure that appropriate policies and measures are put in place to manage flood risk. This includes adhering to National, Regional and Local Planning Policies, providing advice and information into the formal planning process and ensuring sites going forward in the Local Development Plan have an initial assessment regarding flood risk.</p> <p>SEPA's land use planning activities will be co-ordinated with the activities of other responsible authorities as required.</p>	<p>Scottish Borders Council will continue to fund this action through its revenue budget. SEPA's land use planning activities are funded by Scottish Government through SEPA's grant in aid settlement.</p>	2016 - 2022	Existing	13001	Avoid an overall increase in flood risk			
	13/13/10	Jedburgh	130330007	Maintenance	Applies across Tweed Local Plan District	<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 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>				Scottish Borders Council, asset / land managers	<p>Planning policies; Maintain flood protection scheme; Strategic mapping and modelling; Maintain flood warning; Flood forecasting; Community flood action groups; Awareness Raising; Self help; Property level protection scheme; Surface water plan study; Flood protection study; Emergency plans/response.</p>	<p>Scottish Borders Council has a duty to assess bodies of water and conduct clearance and repair works which would substantially reduce flood risk. Where necessary Scottish Borders Council will coordinate with landowners and other responsible authorities where a risk is identified and carry out works should it be deemed necessary. Scottish Borders Council will prepare a schedule of clearance and repair in accordance with the duties placed on Local Authorities as detailed in the Flood Risk Management (Scotland) Act 2009.</p>	<p>Scottish Borders Council funding for maintenance will be subject to budget allocations over the six years of the plan, 2016-2022. Scottish Water is funded by customer charges as set by our economic regulator, all business activities required under this action by Scottish Water are accounted for in our capital or operational expenditure.</p>	2016 - 2022	Existing	13003	Reduce overall flood risk				
	13/13/10	Jedburgh	130260008	Property level protection scheme	Jedburgh	<p>Scottish Borders Council has agreed with residents and housing associations in Jedburgh that flood resilient doors will be fitted to the most vulnerable properties.</p>	N/A		N/A	Scottish Borders Council	<p>Planning policies; Maintain flood protection scheme; Strategic mapping and modelling; Maintain flood warning; Flood forecasting; Community flood action groups; Awareness Raising; Self help; Maintenance; Surface water plan study; Flood protection study; Emergency plans/response.</p>	<p>Flood resilient doors and windows have been installed as part of the Jedburgh Skipsprunning Burn Flood Protection Scheme. A similar scheme will also be considered as one of the options to manage flood risk in the Jedburgh (Jed Water) Flood Protection Study.</p>	<p>Funding for a Flood protection study will be subject to budget allocations over the six years of the plan, 2022-2028.</p>	2022-2028	Not started	13026	Reduce economic damages to residential and non-residential properties and flood risk to community facilities in Jedburgh caused by flooding from the Jed Water and Skipsprunning Burn	<p>9 non-residential properties at risk for a 10 year event with a PVD (do nothing over 100 year period) of £1.5 million</p>	<p>This action will allow the public to protect themselves from high frequency flood events. A reduction of flood risk and its associated impact on property would have positive benefits to the community and wellbeing.</p>	<p>Some of the properties identified could impact on a conservation area.</p>	
	13/13/10	Jedburgh	130330009	Flood forecasting	Applies across Tweed Local Plan District	<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 allow 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>	N/A		N/A	SEPA	<p>Planning policies; Maintain flood protection scheme; Strategic mapping and modelling; Maintain flood warning; Property level protection scheme; Community flood action groups; Awareness Raising; Self help; Maintenance; Surface water plan study; Flood protection study; Emergency plans/response.</p>	<p>SEPA / Met Office joint initiative. Hydrological information is provided by the Met Office. SEPA uses the information to predict the likelihood and timing of river, coastal and surface water flooding.</p>	<p>SEPA's flood forecasting service is funded through Scottish Government's grant in aid allocation. The Met Office receives funding from the UK Government.</p>	2016 - 2022	Existing	13003	Reduce overall flood risk				
	13/13/10	Jedburgh	130330011	Self help	Applies across Tweed Local Plan District	<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. Scottish Borders Council offers discounted flood protection products to homes and businesses at risk in the Scottish Borders.</p>	N/A		N/A	-	<p>Planning policies; Maintain flood protection scheme; Strategic mapping and modelling; Maintain flood warning; Property level protection scheme; Community flood action groups; Awareness Raising; Flood forecasting; Maintenance; Surface water plan study; Flood protection study; Emergency plans/response.</p>	<p>Scottish Borders Council will work with other responsible authorities to support residents, businesses and local resilient communities groups as required. This will be done by developing and reviewing emergency plans, facilitating resilient communities plans and continuing to provide and develop Scottish Borders Council subsidised flood products scheme.</p>	<p>Scottish Borders Council Revenue and Capital Budgets</p>	2016 - 2022	Existing	13003	Reduce overall flood risk				
	13/13/10	Jedburgh	130260012	Community flood action groups	Jedburgh	<p>Jedburgh Skipsprunning Burn Flood Warning Group operates in this area. The group is supported by Scottish Borders Council and aims to increase community resilience to flooding.</p>	N/A		N/A	Community	<p>Planning policies; Maintain flood protection scheme; Strategic mapping and modelling; Maintain flood warning; Property level protection scheme; Self help; Awareness Raising; Flood forecasting; Maintenance; Surface water plan study; Flood protection study; Emergency plans/response.</p>	<p>Scottish Borders Council will continue to update and maintain the Skipsprunning Burn Flood Warning Group. The Council will ensure that checks on the flood warning recipients are carried out a regular intervals and updated accordingly. The Council will also provide advice to those recipients on how best to protect themselves from flooding and encourage others in the flood warning area to sign up to the warning group.</p>	<p>Scottish Borders Council Revenue Budget</p>	2016 - 2022	Existing	13026	Reduce economic damages to residential and non-residential properties and flood risk to community facilities in Jedburgh caused by flooding from the Jed Water and Skipsprunning Burn	<p>The economic impact of this action is difficult to estimate.</p>	<p>Positive impact through provision of support to local community and businesses.</p>	N/A	
	13/13/10	Jedburgh	130330013	Awareness raising	Applies across Tweed Local Plan District	<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. SEPA will engage with communities through the Scottish Borders Council Resilient Communities initiative. 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>As part of SEPA's education programme and to contribute to community resilience SEPA is sponsoring a play by Rightlines Productions called 'Rapid Departure'. This interactive play about flooding will tour locations in Scotland throughout 2016, including this Potentially Vulnerable Area. The performances will raise awareness of how flooding could impact their community and how they can take steps to prepare for it.</p> <p>Scottish Borders Council will raise awareness as required and assist responsible authorities in any awareness raising activities they undertake.</p> <p>Scottish Water 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.</p> <p>More general information and flooding guidance will be available on the website at: https://www.scottishwater.co.uk/you-and-your-home/your-home/flooding-information</p>	N/A		N/A	Responsible authorities	<p>Planning policies; Maintain flood protection scheme; Strategic mapping and modelling; Maintain flood warning; Property level protection scheme; Self help; Community flood action groups; Flood forecasting; Maintenance; Surface water plan study; Flood protection study; Emergency plans/response.</p>	<p>Scottish Borders Council will continue to work with other responsible authorities to raise awareness. This will include but not be limited to utilising the resilient communities' group setup by SAC and assisting those groups at a local level to raise awareness within their communities. Engagement with communities relating to other actions will also help develop awareness within this PVA.</p>	<p>Scottish Borders Council activities will be funded through its revenue budget. SEPA's awareness raising activities are funded by Scottish Government through SEPA's grant in aid settlement. Scottish Water is funded by customer charges as set by their economic regulator; all business activities required under this action by Scottish Water are accounted for in our capital or operational expenditure.</p>	2016 - 2022	Existing	13003	Reduce overall flood risk				
	13/13/10	Jedburgh	130330014	Emergency plans/response	Applies across Tweed Local Plan District	<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. The emergency response by these organisations is co-ordinated through regional and local resilience partnerships. This response may be supported by the work of voluntary organisations.</p> <p>Scottish Water are a Category 2 responder under the Civil Contingencies Act 2004 and will support regional and local resilience partnerships as required.</p>	N/A		N/A	Category 1 and 2 Responders	<p>Planning policies; Maintain flood protection scheme; Strategic mapping and modelling; Maintain flood warning; Property level protection scheme; Self help; Community flood action groups; Flood forecasting; Maintenance; Surface water plan study; Flood protection study; Awareness Raising.</p>	<p>Scottish Borders Council, the Emergency Services and SEPA initiate the relevant Emergency Plan as appropriate in relation to MET office weather warnings and SEPA flood warning information. This includes a coordinated approach with representation from all Category 1 and Category 2 responders including Scottish Water, voluntary groups and public utility companies through the Joint Agency Control Centre (Banker) at Scottish Borders Council.</p> <p>Scottish Borders Council and other responsible authorities continue to review and develop their Emergency Plans as new information becomes available. This also includes the continued use of Community sandbag stores located at publicly accessible areas including fire stations and school grounds. Resilient Communities sandbag stores are now also widely distributed across the Scottish Borders in areas that have signed up to the Resilient Communities Initiative.</p>	<p>This action is funded through multiple funding arrangements from a number of agencies.</p>	2016 - 2022	Existing	13003	Reduce overall flood risk				
	13/13/10	Jedburgh	130260017	Maintain flood protection scheme	Jedburgh	<p>Continue to maintain the existing flood defences along the Jed Water including the Jed Water Flood Protection Scheme and Jedburgh Skipsprunning Burn Culvert Flood Protection Scheme.</p>	N/A		N/A	Scottish Borders Council	<p>Planning policies; Emergency plans/response; Strategic mapping and modelling; Maintain flood warning; Property level protection scheme; Self help; Community flood action groups; Flood forecasting; Maintenance; Surface water plan study; Flood protection study; Awareness Raising.</p>	<p>Scottish Borders Council will continue to maintain the Jedburgh (Richmond Row) Flood Protection Scheme to ensure the scheme continues to operate at peak efficiency. Inspections will be scheduled as appropriate as part of the Council's duties under the Flood Risk Management (Scotland) Act 2009. Any maintenance required will be through consultation with other responsible authorities, stakeholders and landowners as required.</p>	<p>Funding for maintenance will be subject to budget allocations over the six years of the plan, 2016-2022.</p>	Ongoing	Existing	13026	Reduce economic damages to residential and non-residential properties and flood risk to community facilities in Jedburgh caused by flooding from the Jed Water and Skipsprunning Burn	<p>A reduction of flood risk and its associated impact on property and infrastructure would have positive benefits to the community. There may be temporary negative impacts through disturbance and inconvenience to the local community as these works are carried out.</p>	<p>There are no international, national or local level environmental designations that are likely to be impacted by this action.</p>		
	13/13/10	Jedburgh	130330015	Strategic mapping and modelling	Applies across Tweed Local Plan District	<p>Scottish Water will carry out an assessment of flood risk within the highest risk sewer catchments to improve knowledge and understanding of surface water flood risk.</p> <p>Scottish Water will undertake further investigation and modelling in the Jedburgh sewer catchments to improve knowledge and understanding of flood risk in this area as required under Section 6 of the Flood Risk Management (Scotland) Act 2009.</p>				Scottish Water	<p>Planning policies; Emergency plans/response; Surface water plan study; Maintain flood warning; Property level protection scheme; Self help; Community flood action groups; Flood forecasting; Maintenance; Maintain flood protection scheme; Flood protection study; Awareness Raising.</p>	<p>Scottish Water will work with responsible authorities to incorporate relevant information into these studies and by regularly keeping the responsible authorities informed of their progress. Scottish Water will provide responsible authorities with the outputs of the Section 6 assessment which, where relevant, may be used to inform surface water management plans and SEPA flood hazard and risk maps.</p>	<p>Scottish Water funding is committed in its capital programme through OAS 44 (2012-2021) which is approved by its regulators and customers.</p>	2016-2020	Not started	13003	Reduce overall flood risk				
	13/13/10	Jedburgh	130330016	Maintain flood warning	Applies across Tweed Local Plan District	<p>Continue to maintain the Campdown to Jedburgh and the Jedburgh to Jedfoot Bridge flood warning areas which are part of the Jed Water river flood warning scheme. When flood events occur in an area with an existing flood warning service, SEPA will seek to verify the flood forecasts and warnings. SEPA will use feedback and post-event data to ensure their flood warning service is timely and accurate.</p>				SEPA	<p>Planning policies; Emergency plans/response; Surface water plan study; Strategic mapping and modelling; Property level protection scheme; Self help; Community flood action groups; Flood forecasting; Maintenance; Maintain flood protection scheme; Flood protection study; Awareness Raising.</p>	<p>SEPA will work with the local authority to ensure that any new information about flood risk is considered in the existing flood warning system.</p>	<p>The maintenance of SEPA's flood warning service is funded by Scottish Government through SEPA's grant in aid settlement.</p>	2016 - 2022	Existing	13003	Reduce overall flood risk				

LPD	PVA	PVA Description	Selected Action ID	Selected Action Type	Location	Description	National Rank	LPD Rank	LA Rank	Lead Authority	Related Actions	Co-ordination arrangement	Funding Arrangements	Delivery Period in Financial Year	Status if already started	Objective ID	Objective Description	Summary of economic impact	Summary of social impact	Summary of environmental impact	
13	13/11	Denholm	130010001	Planning policies	Applies across Tweed Local Plan District	<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. For further information on the application of national planning policies see Annex 2.</p> <p>Scottish Borders Council is an internal consultee into the planning process and is required to comment on all planning related queries as requested by the planning authority.</p> <p>SEPA has a statutory role in relation to the provision of flood risk advice to planning authorities. This role is expressed in Section 72 of the FRM Act, 2009. SEPA also has a duty to co-operate with planning authorities in the preparation of development plans. When consulted in relation to planning applications for development or site allocations in development plans, and where the planning authority considers there may be a risk of flooding, SEPA will provide advice. The advice provided by SEPA will be with respect to the risk of flooding and on the basis of the relevant information it holds which is suitable for planning purposes. It will also be in line with the principles and duties set out in the FRM Act. Further information about how SEPA engage in the planning system, including guidance on flood risk and planning is available on SEPA website http://www.sepa.org.uk/environment/land/planning/</p> <p>Scottish Water is a statutory consultee within the planning legislation and is required to comment on all outline or full planning applications which are referred by a local authority.</p>				Planning authority	Maintain flood protection scheme; Maintain flood warning; Flood forecasting; Awareness raising; Self help; Maintenance; Emergency plans/response.	SEPA's land use planning activities will be co-ordinated with the activities of other responsible authorities as required.	Scottish Borders Council will work with their planners to ensure that appropriate policies and measures are put in place to manage flood risk. This includes adhering to National, Regional and Local Planning Policies, providing advice and information into the formal planning process and ensuring sites going forward in the Local Development Plan have had an initial assessment regarding flood risk.	Scottish Borders Council will continue to fund this action through its revenue budget. SEPA's land use planning activities are funded by Scottish Government through SEPA's grant in aid settlement.	2016 - 2022	Existing	13001	Avoid an overall increase in flood risk			
13	13/11	Denholm	130330007	Maintenance	Applies across Tweed Local Plan District	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 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.				Scottish Borders Council, asset / land managers	Maintain flood protection scheme; Maintain flood warning; Flood forecasting; Awareness raising; Self help; Planning policies; Emergency plans/response.	Scottish Borders has a duty to assess bodies of water and conduct clearance and repair works which would substantially reduce flood risk. Where necessary Scottish Borders Council will coordinate with landowners and other responsible authorities where a risk is identified and carry out works should it be deemed necessary. Scottish Borders Council will prepare a schedule of clearance and repair in accordance with the duties placed on Local Authorities as detailed in the Flood Risk Management (Scotland) Act 2009.	Scottish Borders Council funding for maintenance will be subject to budget allocations over the six years of the plan, 2016-2022. Scottish Water is funded by customer charges as set by our economic regulator, all business activities required under this action by Scottish Water are accounted for in our capital or operational expenditure.	2016 - 2022	Existing	13033	Reduce overall flood risk				
13	13/11	Denholm	130330009	Flood forecasting	Applies across Tweed Local Plan District	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.	N/A			SEPA	Maintain flood protection scheme; Maintenance; Flood forecasting; Awareness raising; Self help; Planning policies; Emergency plans/response.	SEPA / Met Office joint initiative. Hydrological information is provided by SEPA and meteorological information is provided by the Met Office. SEPA uses the information to predict the likelihood and timing of river, coastal and surface water flooding.	SEPA's flood forecasting service is funded through Scottish Government's grant in aid allocation. The Met Office receives funding from the UK Government.	2016 - 2022	Existing	13033	Reduce overall flood risk				
13	13/11	Denholm	130330011	Self help	Applies across Tweed Local Plan District	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. Scottish Borders Council offers discounted flood protection products to homes and businesses at risk in the Scottish Borders.	N/A			—	Maintain flood protection scheme; Maintenance; Flood forecasting; Awareness raising; Maintain flood warning; Planning policies; Emergency plans/response.	Scottish Borders Council will work with other responsible authorities to support residents, businesses and local resilient communities groups as required. This will be done by developing and reviewing emergency plans, facilitating resilient communities plans and continuing to provide and develop Scottish Borders Council subsidised flood products scheme.	Scottish Borders Council Revenue and Capital Budgets.	2016 - 2022	Existing	13033	Reduce overall flood risk				
13	13/11	Denholm	130330013	Awareness raising	Applies across Tweed Local Plan District	<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>SEPA will engage with communities through the Scottish Borders Council Resilient Communities initiative. 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>Scottish Borders Council will raise awareness as required and assist responsible authorities in any awareness raising activities they undertake.</p> <p>Scottish Water 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.</p> <p>More general information and flooding guidance will be available on the website at: https://www.scottishwater.co.uk/you-and-your-home/your-home/flooding-information</p>				Responsible authorities	Maintain flood protection scheme; Maintenance; Flood forecasting; Self help; Maintain flood warning; Planning policies; Emergency plans/response.	Scottish Borders Council, will continue to work with other responsible authorities to raise awareness. This will include but not limited to utilising the resilient communities' groups' setup by SBC and assisting those groups at a local level to raise awareness within their communities. Engagement with communities relating to other actions will also help develop awareness within this PVA.	Scottish Borders Council activities will be funded through its revenue budget. SEPA's awareness raising activities are funded by Scottish Government through SEPA's grant in aid settlement. Scottish Water is funded by customer charges as set by their economic regulator, all business activities required under this action by Scottish Water are accounted for in our capital or operational expenditure.	2016 - 2022	Existing	13033	Reduce overall flood risk				
13	13/11	Denholm	130330014	Emergency plans/response	Applies across Tweed Local Plan District	<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. The emergency response by these organisations is co-ordinated through regional and local resilience partnerships. This response may be supported by the work of voluntary organisations.</p> <p>Scottish Water are a Category 2 responder under the Civil Contingencies Act 2004 and will support regional and local resilience partnerships as required.</p>	N/A			Category 1 and 2 Responders	Maintain flood protection scheme; Maintenance; Flood forecasting; Self help; Maintain flood warning; Planning policies; Awareness Raising.	Scottish Borders Council, the Emergency Services and SEPA initiate the relevant Emergency Plan as appropriate in relation to MET office weather warnings and SEPA flood warning information. This includes a coordinated approach with representation from all Category 1 and Category 2 responders including Scottish Water, voluntary groups and public utility companies through the Joint Agency Control Centre (Bunker) at Scottish Borders Council.	This action is funded through multiple funding arrangements from a number of agencies.	2016 - 2022	Existing	13033	Reduce overall flood risk				
13	13/11	Denholm	130270017	Maintain flood protection scheme	Applies across Tweed Local Plan District	Continue to maintain the existing Denholm Flood Protection Scheme. The scheme is designed to divert surface water runoff from surrounding fields into a culvert system that flows into the River Teviot.	N/A			Scottish Borders Council	Maintenance; Flood forecasting; Self help; Emergency plans/response; Planning policies; Awareness Raising; Maintain flood warning.	Scottish Borders Council will continue to maintain the Denholm Flood Protection Scheme to ensure the scheme continues to operate at peak efficiency.	Funding for maintenance will be subject to budget allocations over the six years of the plan, 2016-2022.	Ongoing	Existing	13001	Avoid an overall increase in flood risk		A reduction of flood risk and its associated impact on property and infrastructure would have positive benefits to the community. There may be temporary negative impacts through disturbance and inconvenience to the local community as these works are carried out.		
13	13/11	Denholm	130330030	Maintain flood warning	Applies across Tweed Local Plan District	Continue to maintain the Hawick to Monteviot flood warning area which is part of the River Teviot river flood warning scheme. When flood events occur in an area with an existing flood warning service, SEPA will seek to verify the flood forecasts and warnings. SEPA will use feedback and post-event data to ensure that our flood warning service is timely and accurate.				SEPA	Maintain flood protection scheme; Maintenance; Flood forecasting; Self help; Emergency plans/response; Planning policies; Awareness Raising.	SEPA will work with the local authority to ensure that any new information about flood risk is considered in the existing flood warning system.	The maintenance of SEPA's flood warning service is funded by Scottish Government through SEPA's grant in aid settlement.	Ongoing	Existing	13033	Reduce overall flood risk				

LFD	PVA	PVA Description	Selected Action ID	Selected Action Type	Location	Description	National Rank	LFD Rank	LA Rank	Lead Authority	Related Actions	Co-ordination arrangement	Funding Arrangements	Delivery Period in Financial Year	Status if already started	Objective ID	Objective Description	Summary of economic impact	Summary of social impact	Summary of environmental impact
13	13/12	Hawick	13010001	Planning policies	Applies across Tweed Local Plan District	<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. For further information on the application of national planning policies see Annex 2.</p> <p>Scottish Borders Council is an internal consultee into the planning process and is required to comment on all planning related queries as requested by the planning authority.</p> <p>SEPA has a statutory role in relation to the provision of flood risk advice to planning authorities. This role is expressed in Section 72 of the FRM Act, 2009. SEPA also has a duty to co-operate with planning authorities in the preparation of development plans. When consulted in relation to planning applications for development or site allocations in development plans, and where the planning authority considers there may be a risk of flooding, SEPA will provide advice. The advice provided by SEPA will be with respect to the risk of flooding and on the basis of the relevant information it holds which is suitable for planning purposes. It will also be in line with the principles and duties set out in the FRM Act. Further information about how SEPA engage in the planning system, including guidance on flood risk and planning is available on SEPA website http://www.sepa.org.uk/environment/fund/planning/</p> <p>Scottish Water is a statutory consultee within the planning legislation and is required to comment on all outline or full planning applications which are referred by a local authority.</p>				Planning authority	<p>Flood protection scheme works; Natural flood management study; Strategic mapping and modelling; Maintain flood warning; Flood forecasting; Community action groups; Awareness raising; Self help; Surface water plan/study; Flood Protection Scheme; Emergency plans/response.</p>	<p>Scottish Borders Council will work with their planners to ensure that appropriate policies and measures are put in place to manage flood risk. This includes adhering to National, Regional and Local Planning Policies, providing advice and information into the formal planning process and ensuring sites going forward in the Local Development Plan have had an initial assessment regarding flood risk.</p> <p>SEPA's land use planning activities will be co-ordinated with the activities of other responsible authorities as required.</p>	<p>Scottish Borders Council will continue to fund this action through its revenue budget. SEPA's land use planning activities are funded by Scottish Government through SEPA's grant in aid settlement.</p>	2016 - 2022	Existing	13001	Avoid an overall increase in flood risk			
13	13/12	Hawick	13030002	Natural flood management study	Hawick	<p>A natural flood management study will be undertaken for Hawick to assess whether runoff control and sediment management could help reduce flood risk. The study will take a catchment approach and consider the potential benefits, disbenefits and interaction between upstream and downstream. The aim of the study is to develop proposals which will look to implement the proposed Hawick Flood Protection Scheme. To be in accordance with the FRM Strategy, the responsible authority should seek to ensure as part of the study that the action will not have an adverse effect on the integrity of the Whitlaw and Branholme Special Area of Conservation, Borders Woods Special Area of Conservation or River Tweed Special Area of Conservation. Conservation areas, listed buildings, Sites of Special Scientific Interest and ancient woodlands are also present in the study area and could be positively or negatively impacted.</p>	N/A		N/A	Scottish Borders Council	<p>Flood protection scheme works; Planning policies; Strategic mapping and modelling; Maintain flood warning; Flood forecasting; Community action groups; Awareness raising; Self help; Surface water plan/study; Flood Protection Scheme; Emergency plans/response.</p>	<p>Scottish Borders Council will commission a natural flood management study for Hawick. The study will assess the catchment as a whole to determine if there is any potential for natural flood management works to reduce flood risk and to further increase the level of flood protection in Hawick. The proposed Hawick Flood Protection Scheme will provide protection to a 1 in 75 year level.</p> <p>Scottish Borders Council will coordinate the study with SEPA, Tweed Forum, landowners, community groups, general public and other interested parties.</p>	<p>Funding for a natural flood management study will be subject to budget allocations over the six years of the plan, 2016-2022.</p>	2016-2020	Not started	13002, 13001	Reduce economic damages to residential and non-residential properties and flood risk to community facilities caused by flooding from the River Teviot. Reduce risk to people in Hawick caused by flooding from the River Teviot.	<p>The economic impact of natural flood management actions is difficult to define. However, these actions can reduce flood risk for high likelihood areas. 255 residential and non-residential properties could potentially benefit from natural flood management actions in this location.</p> <p>Social impacts will depend on the outcome of the study and recommended actions. A reduction in flood risk would have a positive benefit to the health and wellbeing of the community and socially vulnerable people located within the flood protection scheme area. In addition there are three educational buildings which have been identified as potentially benefitting from this action. There may be negative impacts through disturbance to the local community during the construction phase.</p> <p>Natural flood management actions can have a positive impact on the ecological quality of the environment by restoring and enhancing natural habitats. To be in accordance with the FRM Strategy, the responsible authority should seek to ensure as part of the study that the action will not have an adverse effect on the integrity of the Whitlaw and Branholme Special Area of Conservation, Borders Woods Special Area of Conservation or River Tweed Special Area of Conservation. Conservation areas, listed buildings, Sites of Special Scientific Interest and ancient woodlands are also present in the study area and could be positively or negatively impacted.</p>		
13	13/12	Hawick	13030003	Flood protection scheme/works	Hawick	<p>A flood protection scheme has been proposed for Hawick. The scheme would consist of flood defence walls and embankments to provide protection to the town from flooding from the River Teviot. Scottish Borders Council is also looking at flood proofing specific buildings and the provision of storage and pumping of sewerage flows. The scheme would provide a 1 in 75 year standard of protection.</p>	16 of 42		1 of 1	Scottish Borders Council	<p>Natural flood management study; Planning policies; Strategic mapping and modelling; Maintain flood warning; Flood forecasting; Community action groups; Awareness raising; Self help; Surface water plan/study; Flood Protection Scheme; Emergency plans/response.</p>	<p>The development of Hawick Flood Protection Scheme is currently on going. Scottish Borders Council will continue to liaise with all responsible authorities, members of the public, local groups and other national bodies through the development of the scheme.</p>	<p>Funding for the Flood Protection Scheme will be subject to budget allocations over the six years of the plan, 2016-2022.</p>	2019 - 2022	Under development	13003, 13001	Reduce economic damages to residential and non-residential properties and flood risk to community facilities caused by flooding from the River Teviot. Reduce risk to people in Hawick caused by flooding from the River Teviot.	<p>The proposed scheme may benefit 683 residential properties and 233 non-residential properties which are estimated to be at risk of flooding from a 1 in 75 year flood. Damages avoided are currently estimated to be £84 million. The benefit cost ratio of the scheme is calculated to be 2.86:1.00 depending on local ground conditions.</p> <p>A reduction in flood risk would have a positive benefit to the health and wellbeing of the community and socially vulnerable people located within the flood protection scheme area. In addition there are three educational buildings which have been identified as potentially benefitting from this action. There may be negative impacts through disturbance to the local community during the construction phase.</p> <p>Flood protection schemes can have both positive and negative impacts on the ecological quality of the environment depending on how they are designed. The proposed scheme has been designed to be set back from the river to limit direct impact on the water environment. However, the detailed impact will be considered as part of Environmental Impact Assessment. To be in accord with the FRM Strategy, the responsible authority (and where applicable, the licensing authority) will seek to ensure that the works do not have an adverse effect on the integrity of the River Tweed Special Area of Conservation.</p>		
13	13/12	Hawick	13033007	Maintenance	Applies across Tweed Local Plan District	<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 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>				Scottish Borders Council, asset / land managers	<p>Natural flood management study; Planning policies; Strategic mapping and modelling; Maintain flood warning; Flood forecasting; Community action groups; Awareness raising; Self help; Surface water plan/study; Flood Protection Scheme; Emergency plans/response.</p>	<p>Scottish Borders has a duty to assess bodies of water and conduct clearance and repair works which would substantially reduce flood risk. Where necessary Scottish Borders Council will coordinate with landowners and other responsible authorities where a risk is identified and carry out works should it be deemed necessary. Scottish Borders Council will prepare a schedule of clearance and repair in accordance with the duties placed on Local Authorities as detailed in the Flood Risk Management (Scotland) Act 2009.</p>	<p>Scottish Borders Council funding for maintenance will be subject to budget allocations over the six years of the plan, 2016-2022. Scottish Water is funded by customer charges as set by its economic regulator, all business activities required under this action by Scottish Water are accounted for in our capital or operational expenditure.</p>	2016 - 2022	Existing	13033	Reduce overall flood risk			
13	13/12	Hawick	13033009	Flood forecasting	Applies across Tweed Local Plan District	<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>	N/A		N/A	SEPA	<p>Natural flood management study; Planning policies; Strategic mapping and modelling; Maintain flood warning; Flood forecasting; Community action groups; Awareness raising; Self help; Surface water plan/study; Flood Protection Scheme; Emergency plans/response.</p>	<p>SEPA / Met Office joint initiative. Hydrological information is provided by SEPA and meteorological information is provided by the Met Office. SEPA uses the information to predict the likelihood and timing of river, coastal and surface water flooding.</p>	<p>SEPA's flood forecasting service is funded through Scottish Government's grant in aid allocation. The Met Office receives funding from the UK Government.</p>	2016 - 2022	Existing	13033	Reduce overall flood risk			
13	13/12	Hawick	13033011	Self help	Applies across Tweed Local Plan District	<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 Floodwise and Resilient Communities initiatives, and ensuring that properties and businesses are insured against flood damage. Scottish Borders Council offers discounted flood protection products to homes and businesses at risk in the Scottish Borders.</p>	N/A		N/A	—	<p>Natural flood management study; Planning policies; Strategic mapping and modelling; Maintain flood warning; Flood forecasting; Surface water plan/study; Flood Protection Scheme; Emergency plans/response.</p>	<p>Scottish Borders Council will work with other responsible authorities to support residents, businesses and local resilient communities groups as required. This will include continuing to review emergency plans and resilient communities plans and continuing to provide and develop Scottish Borders Council subsidised flood products scheme.</p>	<p>Scottish Borders Council Revenue and Capital Budgets.</p>	2016 - 2022	Existing	13033	Reduce overall flood risk			
13	13/12	Hawick	13033012	Community flood action groups	Hawick	<p>Hawick Volunteer Flood Group operates in this area. The group aims to increase community resilience to flooding.</p>	N/A		N/A	Community	<p>Natural flood management study; Planning policies; Strategic mapping and modelling; Maintain flood warning; Flood forecasting; Surface water plan/study; Flood Protection Scheme; Emergency plans/response.</p>	<p>Scottish Borders Council will continue to support and liaise with the Hawick Volunteer Flood Group and Resilient Communities Group. This will include continuing to review emergency plans and resilient communities plans and supporting community groups in becoming more resilient and better prepared to deal with flooding.</p>	<p>Scottish Borders Council Revenue Budget</p>	2016 - 2022	Existing	13030, 13001	Reduce economic damages to residential and non-residential properties and flood risk to community facilities caused by flooding from the River Teviot. Reduce risk to people in Hawick caused by flooding from the River Teviot.	<p>The economic impact of this action is difficult to estimate.</p> <p>Positive impact through provision of support to local community and businesses.</p>	N/A	
13	13/12	Hawick	13033013	Awareness raising	Applies across Tweed Local Plan District	<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. SEPA will engage with communities through the Scottish Borders Council Resilient Communities initiative. 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 (Floodwise). Where they exist, SEPA will engage with community resilience groups and community safety partnerships.</p> <p>For the new flood protection scheme, SEPA will support the local authority's communications and engagement activities with media activity, local public awareness events and education engagement with schools. SEPA will also deliver joint communications with local authorities for Floodwise customers in any newly protected flood warning area.</p> <p>Scottish Borders Council will raise awareness as required and assist responsible authorities in any awareness raising activities they undertake.</p> <p>Scottish Water 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.</p> <p>More general information and flooding guidance will be available on the website at: https://www.scottishwater.co.uk/you-and-your-home/your-home/flooding-information</p>				Responsible authorities	<p>Natural flood management study; Planning policies; Strategic mapping and modelling; Maintain flood warning; Flood forecasting; Surface water plan/study; Flood Protection Scheme; Emergency plans/response.</p>	<p>Scottish Borders Council will continue to work with other responsible authorities to raise awareness. This will include but not limited to utilising the resilient communities' groups' setup by SEPA and assisting those groups at a local level to raise awareness within their communities. Engagement with communities relating to other actions will also help develop awareness within this PVA.</p>	<p>Scottish Borders Council activities will be funded through its revenue budget. SEPA's awareness raising activities are funded by Scottish Government through SEPA's grant in aid settlement. Scottish Water is funded by customer charges as set by its economic regulator, all business activities required under this action by Scottish Water are accounted for in our capital or operational expenditure.</p>	2016 - 2022	Existing	13033	Reduce overall flood risk			
13	13/12	Hawick	13033014	Emergency plans/response	Applies across Tweed Local Plan District	<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. The emergency response by these organisations is co-ordinated through regional and local resilience partnerships. This response may be supported by the work of voluntary organisations.</p> <p>Scottish Water are a Category 2 responder under the Civil Contingencies Act 2004 and will support regional and local resilience partnerships as required.</p>	N/A		N/A	Category 1 and 2 Responders	<p>Natural flood management study; Planning policies; Strategic mapping and modelling; Maintain flood warning; Flood forecasting; Surface water plan/study; Flood Protection Scheme; Awareness raising.</p>	<p>Scottish Borders Council, the Emergency Services and SEPA initiate the relevant Emergency Plan as appropriate in relation to MET office weather warnings and SEPA Flood warning information. This includes a coordinated approach with representation from all Category 1 and Category 2 responders including Scottish Water, voluntary groups and public utility companies through the Joint Agency Control Centre (Bunker) at Scottish Borders Council.</p> <p>Scottish Borders Council and other responsible authorities continue to review and develop their Emergency Plans as new information becomes available. This also includes the continued use of Community Sandbag Stores located in publicly accessible areas including fire stations and school grounds. Resilient Communities sandbag stores are now also widely distributed across the Scottish Borders in areas that have signed up to the Resilient Communities Initiative.</p>	<p>This action is funded through multiple funding arrangements from a number of agencies.</p>	2016 - 2022	Existing	13033	Reduce overall flood risk			
13	13/12	Hawick	13033015	Strategic mapping and modelling	Applies across Tweed Local Plan District	<p>SEPA will seek to develop flood mapping in the River Teviot area to improve understanding of flood risk. The extent and timing of improvements will depend on detailed scoping and data availability. Where this work coincides with local authority studies, SEPA will collaboratively to ensure consistent modelling approaches are applied.</p>				SEPA	<p>Natural flood management study; Planning policies; Emergency plans/response; Maintain flood warning; Flood forecasting; Self help; Community flood action groups; Flood forecasting; Surface water plan/study; Flood Protection Scheme; Awareness raising.</p>	<p>A flood protection scheme and natural flood management study are proposed for Hawick. SEPA will work with the local authority to ensure that strategic mapping and modelling developments reflect the changes in flood risk resulting from the new flood protection scheme and new information about flood risk resulting from the proposed study where appropriate and relevant.</p>	<p>SEPA's strategic mapping and modelling activities are funded by Scottish Government through SEPA's grant in aid settlement.</p> <p>Timescales are indicative only and SEPA will seek to better understand these during 2016 in order to further refine timescales. The intention is to update the strategic river maps in 2017-2018.</p>	2016-2022	Not started	13033	Reduce overall flood risk			
13	13/12	Hawick	13028001	Surface water plan/study	Hawick	<p>A Surface Water Management Plan will be undertaken for Hawick, this will set objectives for the management of surface water flood risk and identify the most sustainable actions to achieve the objectives.</p> <p>Scottish Borders Council will prepare a Surface Water Management Plan (SWMP) to cover Hawick. This will identify the most sustainable measures to manage urban drainage and the risk of surface water flooding in Hawick as well as sources of flooding such as the sewer network, and watercourses. The SWMP will establish a long term action plan to manage surface water and influence future capital investment, drainage maintenance, land-use planning, emergency planning etc.</p> <p>Scottish Water will provide local knowledge and understanding of the sewer network. This includes Scottish Water corporate data (as applicable) and, where available, outputs of Section 56 or integrated catchment studies, to assist with the surface water management planning process.</p>	N/A		N/A	Scottish Borders Council	<p>Natural flood management study; Planning policies; Emergency plans/response; Maintain flood warning; Flood forecasting; Self help; Community flood action groups; Flood forecasting; Strategic mapping and modelling; Flood Protection Scheme; Awareness raising.</p>	<p>Scottish Borders Council will co-ordinate surface water management planning with Scottish Water, SEPA and liaise with the local community.</p> <p>Scottish Water will work with and support surface water management planning through ensuring that best available knowledge and data is used to input into the surface water management plans.</p>	<p>Funding for a surface water management plan will be subject to budget allocations over the six years of the plan, 2022-2028.</p>	2016-2021 Scottish Water - Hawick DDA 2016 - 2020	Not started	13028	Reduce economic damages and number of residential properties at risk of surface water flooding in Hawick as far as practical			
13	13/12	Hawick	13033016	Strategic mapping and modelling	Applies across Tweed Local Plan District	<p>Scottish Water will carry out an assessment of flood risk within the highest risk sewer catchments to improve knowledge and understanding of surface water flood risk.</p>				Scottish Water	<p>Natural flood management study; Planning policies; Emergency plans/response; Maintain flood warning; Flood forecasting; Self help; Community flood action groups; Flood forecasting; Surface water plan/study; Flood Protection Scheme; Awareness raising.</p>	<p>Scottish Water will work with responsible authorities to incorporate relevant information into these studies and by regularly keeping the responsible authorities informed of their progress. Scottish Water will provide responsible authorities with the outputs of the Section 56 assessment which, where relevant, may be used to inform surface water management plans and SEPA flood hazard and risk maps.</p>	<p>Scottish Water funding is committed in its capital programme through OMS 4a (2015-2021) which is approved by its regulators and customers.</p>	Hawick DDA 2016 - 2020	Not started	13033	Reduce overall flood risk			
13	13/12	Hawick	13033000	Maintain flood warning	Applies across Tweed Local Plan District	<p>Continue to maintain the Hawick (Sitzrig) flood warning area which is part of the Sitzrig River river flood warning scheme.</p> <p>Continue to maintain the Hawick (Teviot) and the Hawick (Monteviot) flood warning areas which are part of the River Teviot river flood warning scheme.</p> <p>When flood events occur in an area with an existing flood warning service, SEPA will seek to verify the flood forecasts and warnings. SEPA will use feedback and post-event data to ensure that our flood warning service is timely and accurate.</p>				SEPA	<p>Natural flood management study; Planning policies; Emergency plans/response; Strategic mapping and modelling; Maintenance; Self help; Community flood action groups; Flood forecasting; Surface water plan/study; Flood Protection Scheme; Awareness raising.</p>	<p>A flood protection scheme and a natural flood management study are proposed for Hawick. SEPA will work with the local authority to ensure that changes to hydrology and flood risk as a result of the proposed scheme and any new information about flood risk resulting from the proposed study are fully considered in the existing flood warning system.</p>	<p>The maintenance of SEPA's flood warning service is funded by Scottish Government through SEPA's grant in aid settlement.</p>	Ongoing	Existing	13033	Reduce overall flood risk			

LFD	PVA	PVA Description	Selected Action ID	Selected Action Type	Location	Description	National Rank	LFD Rank	LA Rank	Lead Authority	Related Actions	Co-ordination arrangement	Funding Arrangements	Delivery Period in Financial Year	Status if already started	Objective ID	Objective Description	Summary of economic impact	Summary of social impact	Summary of environmental impact
13	13/13	Borchester Bridge	13010001	Planning policies	Applies across Tweed Local Plan District	<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. For further information on the application of national planning policies see Annex 2.</p> <p>Scottish Borders Council is an internal consultee into the planning process and is required to comment on all planning related queries as requested by the planning authority.</p> <p>SEPA has a statutory role in relation to the provision of flood risk advice to planning authorities. This role is expressed in Section 72 of the FRM Act, 2009. SEPA also has a duty to co-operate with planning authorities in the preparation of development plans. When consulted in relation to planning applications for development or site allocations in development plans, and where the planning authority considers there may be a risk of flooding, SEPA will provide advice. The advice provided by SEPA will be with respect to the risk of flooding and on the basis of the relevant information it holds which is suitable for planning purposes. It will also be in line with the principles and duties set out in the FRM Act. Further information about how SEPA engage in the planning system, including guidance on flood risk and planning is available on SEPA website http://www.sepa.org.uk/environment/fund/planning/</p> <p>Scottish Water is a statutory consultee within the planning legislation and is required to comment on all outline or full planning applications which are referred by a local authority.</p>				Planning authority	Flood protection study; Strategic mapping and modelling; Flood forecasting; Awareness raising; Self help; Maintenance; Emergency plans/response.	Scottish Borders Council will work with their planners to ensure that appropriate policies and measures are put in place to manage flood risk. This includes adhering to National, Regional and Local Planning Policies, providing advice and information into the formal planning process and ensuring sites going forward in the Local Development Plan have had an initial assessment regarding flood risk.	Scottish Borders Council will continue to fund this action through its revenue budget. SEPA's land use planning activities are funded by Scottish Government through SEPA's grant in aid settlement.	2016 - 2022	Existing	13001	Avoid an overall increase in flood risk			
13	13/13	Borchester Bridge	13030007	Maintenance	Applies across Tweed Local Plan District	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 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.				Scottish Borders Council, asset / land managers	Planning policies; Strategic mapping and modelling; Flood forecasting; Awareness raising; Self help; Flood protection study; Emergency plans/response.	Scottish Borders has a duty to assess bodies of water and conduct clearance and repair works which would substantially reduce flood risk. Where necessary Scottish Borders Council will coordinate with landowners and other responsible authorities where a risk is identified and carry out works should it be deemed necessary. Scottish Borders Council will prepare a schedule of clearance and repair in accordance with the duties placed on Local Authorities as detailed in the Flood Risk Management (Scotland) Act 2009.	Scottish Borders Council funding for maintenance will be subject to budget allocations over the six years of the plan, 2016-2022. Scottish Water is funded by customer charges as set by our economic regulator, all business activities required under this action by Scottish Water are accounted for in our capital or operational expenditure.	2016 - 2022	Existing	13033	Reduce overall flood risk			
13	13/13	Borchester Bridge	13033009	Flood Forecasting	Applies across Tweed Local Plan District	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.	N/A	N/A	SEPA	Planning policies; Strategic mapping and modelling; Maintenance; Awareness raising; Self help; Flood protection study; Emergency plans/response.	SEPA / Met Office joint initiative. Hydrological information is provided by SEPA and meteorological information is provided by the Met Office. SEPA uses the information to predict the likelihood and timing of river, coastal and surface water flooding.	SEPA's flood forecasting service is funded through Scottish Government's grant in aid allocation. The Met Office receives funding from the UK Government.	2016 - 2022	Existing	13033	Reduce overall flood risk				
13	13/13	Borchester Bridge	13033011	Self help	Applies across Tweed Local Plan District	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. Scottish Borders Council offers discounted flood protection products to homes and businesses at risk in the Scottish Borders.	N/A	N/A	—	Planning policies; Strategic mapping and modelling; Flood forecasting; Flood protection study; Emergency plans/response.	Scottish Borders Council will work with other responsible authorities to support residents, businesses and local resilient communities groups as required. This will be done by developing and reviewing emergency plans, facilitating resilient communities plans and continuing to provide and develop Scottish Borders Council subsidised flood products scheme.	Scottish Borders Council Revenue and Capital budgets.	2016 - 2022	Existing	13033	Reduce overall flood risk				
13	13/13	Borchester Bridge	13033003	Awareness raising	Applies across Tweed Local Plan District	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. From 2016 SEPA will engage with the community through local participation in national initiatives, including partnership working with Neighbourhood Watch Scotland. In addition, SEPA will engage with local authorities and community resilience groups where possible.				Responsible authorities	Planning policies; Strategic mapping and modelling; Maintenance; Self help; Flood forecasting; Flood protection study; Emergency plans/response.	Scottish Borders Council will continue to work with other responsible authorities to raise awareness. This will include but not limited to utilising the resilient communities' groups' setup by SIC and assisting those groups at a local level to raise awareness within their communities. Engagement with communities relating to other actions will also help develop awareness within this PVA.	Scottish Borders Council activities will be funded through its revenue budget. SEPA's awareness raising activities are funded by Scottish Government through SEPA's grant in aid settlement. Scottish Water is funded by customer charges as set by their economic regulator, all business activities required under this action by Scottish Water are accounted for in our capital or operational expenditure.	2016 - 2022	Existing	13033	Reduce overall flood risk			
13	13/13	Borchester Bridge	13033004	Emergency plans/response	Applies across Tweed Local Plan District	<p>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>Scottish Borders Council will raise awareness as required and assist responsible authorities in any awareness raising activities they undertake.</p> <p>Scottish Water 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.</p> <p>More general information and flooding guidance will be available on the website at: https://www.scottishwater.co.uk/you-and-your-home/your-home/flooding-information</p>	N/A	N/A	Category 1 and 2 Responders	Planning policies; Strategic mapping and modelling; Maintenance; Self help; Flood forecasting; Flood protection study; Awareness raising.	Scottish Borders Council, the Emergency Services and SEPA initiate the relevant Emergency Plan as appropriate in relation to MET office weather warnings and SEPA flood warning information. This includes a coordinated approach with representation from all Category 1 and Category 2 responders including Scottish Water, voluntary groups and public utility companies through the Joint Agency Control Centre (JACC) at Scottish Borders Council.	This action is funded through multiple funding arrangements from a number of agencies.	2016 - 2022	Existing	13033	Reduce overall flood risk				