LPD PVA	P\	VA Description	Selected Action D Selected Action Location	Description	National Rank	LA Rank Lea	ad Authority	Related Actions	Co-ordination arrangement	Funding Arrangements	Delivery Period in Financial Year	Status if already started	Objective ID	Objective Description	Summary of Summary of social economic impact impact Summary of impact
13 13/0	11 W	Vest Linton	130010001 Planning policies Applies across Tweed Local Plan District	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. 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. 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/		- Pla	anning authority	modelling; Maintaining flood warning; Flood forecasting;	Scottish Borders Council will work with their planners to ensure that appropriate policies and measures are put in place to manag flood risk. This includes adhering to National, Regional and Local Planning Policies, providing advice and information into the formation 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 throug its revenue budget. SEPA's land us	gh see 2016 - 2022	Existing	13001	Avoid an overall increase in flood risk	
13 13/0)1 W	Vest Linton	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.	-	- ass	cal authorities, set / land anagers	modelling; Maintaining flood warning; Flood forecasting; Awareness raising; self help; Planning Policies;	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 a detailed in the Flood Risk Management (Scotland) Act 2009.	budget allocations over the six yea 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	2016 - 2022	Existing	13033	Reduce overall flood risk	
13 13/0	1 W	Vest Linton	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 SEP	PA .	warning; Maintenance;	d 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 likelihoo 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 S	Existing	13033	Reduce overall flood risk	
13 13/0	1 W	Vest Linton	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/Δ	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.		2016 - 2022	Existing	13033	Reduce overall flood risk	
13 13/0	1 W	Vest Linton	130330013 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. Scottish Borders Council will raise awareness as required and assist responsible authorities in any awarness raising activities they undertake. 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			esponsible othorities	modelling; Maintaining floor warning; Maintenance; Self help; Flood forecasting; Planning Policies;	Scottish Borders Council, will continue to work with other dresponsible 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.	in aid settlement. Scottish Water i funded by customer charges as set g by their economic regulator, all	is 2016 2022	Existing	13033	Reduce overall flood risk	
13 13/0	1 W	Vest Linton	130330014 Emergency Applies across Tweed Local Plan District	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. 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	itegory 1 and 2	Strategic mapping and modelling; Maintaining flood warning; Maintenance; Self help; Flood forecasting;	Scottish Borders Council, the Emergency Services and SEPA initiat the relevant Emergency Plan as appropriate in relation to MET office weather warnings and SEPA flood warning information. Th 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 d Agency Control Centre (Bunker) at Scottish Borders Council. 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.	This action is funded through multiple funding arrangements fro a number of agencies.	om 2016 - 2022	Existing	13033	Reduce overall flood risk	
13 13/0)1 W	Vest Linton	130330016 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 800km² of improved surface water data is currently available within this Local Plan District.		SEP	PA I	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.		13033	Reduce overall flood risk	
13 13/0)1 W	Vest Linton	130330019 Strategic mapping Applies across Tweed Local and modelling 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 catchment to improve knowledge and understanding of flood risk in this area as required under Section 16 of the Flood Risk Management (Scotland) Act 2009.		Sco	ottish Water	Maintain Flood Warning; Emergency plans/response; Maintenance; Self help; Flood forecasting; Planning	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 SEP flood hazard and risk maps.	through Q&S 4a (2015-2021) which is approved by its regulators and		Not started	13033	Reduce overall flood risk	
13 13/0)1 W	Vest Linton	130330030 Maintain flood Applies across Tweed Local Warning 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.		SEP	PA	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	

																Summary
D PVA	PVA Description	Selected Action ID	Selected Action Type	Location	Description	National Rank LF	Pd Rank LA Rank	Lead Authority	Related Actions	Co-ordination arrangement	Funding Arrangements	Delivery Period Financial Year	Status if already started	Objective ID	Objective Description	of Summary of of environm ental impact
13 13/02	Preston	130010001	1 Planning policies	Applies across Tweed Local Plan District	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. 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. 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/ 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.	g d if		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. 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 13/02	Preston	130330007	7 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	_	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 13/02	Preston	130330009	9 Flood forecasting		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 drovide 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.	s 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.	5 2016 - 2022	Existing	13033	Reduce overall flood risk	
13 13/02	Preston	130330011	1 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 Policie 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 CapitalBudgets.	2016 - 2022	Existing	13033	Reduce overall flood risk	
13 13/02	Preston	130330013	3 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. 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. d Scottish Borders Council will raise awareness as required and assist responsible authorities in any awarness raising activities they undertake. 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 authoriti	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.	Government through SEPA's grant in aid settlement. Scottish Water is funded by customer charges as set by their economic regulator, all	2016 - 2022	Existing	13033	Reduce overall flood risk	
13 13/02	Preston	130330014	4 Emergency plans/response		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 d 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	Maintain 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. 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.	This action is funded through multiple funding arrangements from a number of agencies.	2016 - 2022	Existing	13033	Reduce overall flood risk	
13 13/02	Preston	130330030	0 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.	S		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	

LPD PVA	PVA Descrip	iption 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 Summary of economic impact Summary of environm ental
13 13/03	Lauder	130010001 Planning nolicies	Applies across Tweed Local Plan District	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. 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. 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/ 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.			Planning authority	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. 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 13/03	Lauder	13(133(100) / 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: Strategic manning	out works should it be deemed necessary. Scottish	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 require under this action by Scottish Water are accounted for in our	1	Existing	13033	Reduce overall flood risk	
13 13/03	Lauder	13U33UUU9 FIOOD TORECASTING	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	and modelling, Maintenance; Awareness raising; Self	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 receive	s 2016 - 2022	Existing	13033	Reduce overall flood risk	
13 13/03	Lauder	130330011 Self neib		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 protection scheme; Strategic mapping and modelling, 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 CapitalBudgets.	2016 - 2022	Existing	13033	Reduce overall flood risk	
13 13/03	Lauder	130330013 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. 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. Scottish Borders Council will raise awareness as required and assist responsible authorities in any awarnes raising activities they undertake. 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/gour-home/flooding-information			Responsible authorities	Maintain flood protection scheme; Strategic mapping and modelling, Maintenance; self help; Flood forecasting; Planning policies; Emergency plans/response.	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	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 a 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	Applies across Tweed Local Plan District	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. Scottish Water are a Category 2 responder under the Civil Contingencies Act 2004 and will support regiona and local resilience partnerships as required.	N/A	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. 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 in areas that have signed up to the Resilient Communities Initiative.	This action is funded through multiple funding arrangement from a number of agencies.	2016 - 2022	Existing	13033	Reduce overall flood risk	
13 13/03	Lauder	130330016		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.			SEPA	Maintain flood protection scheme; Emergency plans/response, Maintenance; self help; Flood forecasting; Planning policies; Awareness raising.		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 o 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	Continue to maintain the Lauder Station Yard Flood Protection Scheme.	N/A	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 efficency. 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.	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	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 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.			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 programm	2016-2019	Not started	13033	Reduce overall flood risk	

								Pullium Paried in	Firmuial Charles if also	-4.				
LPD PVA	PVA Description Select	ected Action ID Selected Action Typ	De Location	Description Nation Scottish Planning Policy and accompanying Planning Advice Notes set out Scottish Ministers' priorities for the operation of the planning system and for	ional Rank LA Rank LA Rank	ead Authority Related Actions	Co-ordination arrangement	Funding Arrangements Year	Status if alrea started	Objective ID	Objective Description	Summary of economic impact	Summary of social impact	Summary of environmental impact
				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 patients and planning polities see Appear.										
				be avoided. For further information on the application of national planning policies see Annex 2. 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.			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 the place to the p							
13 13/04	Eddleston, Peebles, Innerleithen, Selkirk, Stow and Galashiels	130010001 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			National, Regional and Local Planning Policies, providing advice and information into in the formal planning process and ensuring sites going forward in the Local Developme g; Plan have had an initial assessment regarding flood risk.	through its revenue budget. SEPA's land use planning activities are funded by Scottish Government	Existing	13001	Avoid an overall increase in flood risk			
				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 divil 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/			SEPA's land use planning activities will be co-ordinated with the activities of other responsible authorities as required.	through SEPA's grant in aid settlement.						
				the panning system, including guidance on nood risk and panning is available on SEPA weedsterning. The panning system, including guidance on nood risk and panning legislation and is required to comment on all outline or full planning applications which are referred by a local authority.										
				A natural flood management study will be undertaken for Galashiels and Stow to assess whether runoff control, river / floodplain restoration and			Scottish Borders Council will commision a natural flood management study for							Natural flood management actions can have a positive impact on the ecological quality of the environment by restoring and enhancing natural habitats. Gala Water (water body ID 5280) is located within the study area and the physical condition of this river is identified by
13 13/04	Eddleston, Peebles, Innerleithen, Selkirk, Stow	130150003 Natural flood	Galashiels, Stow	A liatural moot inalagement study win or uncertaken for Galasines and stow to assess whether fund control, meet y incomplain restortable and sediment management could help reduce flood risk. The study will take a catchment approach and consider the potential benefits, disbenefits and interaction between actions upstream and downstream. The aim of the study is to develop proposals which will look to supplement the protection already provided by existing flood defences in Galashiels. Proposed actions should be coordinated with river basin management planning. To be in accord N/A		scheme; Natural flood management study; Strategic mapping and modelling; Maintai	Galashiels and Stow. The study will assess the catchment as whole to determine if there is any potential for natural flood management works to reduce flood risk in Stow and increase the level of flood protection in Galshiels Town Centre (currently	Funding for a natural flood management study will be subject	Not started	13015, 13016,	Reduce economic damages to residential and non-residential properties and flood risk to community facilities in Galashiels	The economic impact of natural flood management actions is difficult to define. However, these actions reduce flood risk for high likelihood events. Seven residential and non-residential properties could	Social impacts will depend on the outcome of the study and recommended can actions. A reduction in flood risk would have a positive benefit to the health an wellbeing of the community. Natural flood management actions can restore an	SEPA to be at less than good status. Proposed actions should be d coordinated with river basin management planning. To be in accord
13 13/04	and Galashiels	management study	Galasineis, Stow	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 or Moorfoot Hills Special Area of Conservation. The following nationally and locally designated sites are also present in the study area and could be positively or negatively impacted by the action: conservation areas and listed buildings.		flood warning: Flood forecasting: Community flood action groups; Awareness raising: Ouncil Self help; Surface water plan/study; maintenance; Emergency plans/response.	Scottish Borders Council will coordinate the study with SEPA, Tweed Forum,	to budget allocations over the six years of the plan, 2016-2022.	Not started	13017	caused by flooding from the Gala Water and River Tweed	potentially benefit from natural flood management actions in this location.	enhance natural environments and create opportunities for recreation and tourism.	
							landowners, community groups, general public and other interested parties.							following nationally and locally designated sites are also present in the study area and could be positively or negatively impacted by the action: conservation areas and listed buildings.
														Flood protection studies should consider the positive and negative
				A flood protection study will be undertaken for Peebles, Innerleithen and Broughton to assess whether modification of conveyance, installation /			Countries Develope Council will have forward a flood analysis on the fire Develop							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
				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			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.						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 an	
13 13/04	Eddleston, Peebles, Innerleithen, Selkirk, Stow and Galashiels	130130005 Flood protection stu	Peebles, Innerleithen	management options should consider runoff control, river / floodplain restoration and sediment management. The study will co-ordinate with the Eddleston Walter restoration project managed by the Tweed Forum. The study will take a catchiment approach anoisider the potential benefits, disbenefits and interaction between actions upstream and downstream. Part of this proposed flood protection study is located in PVA 13/08. The benefits		rottish Flood protection scheme/works; Maintain flood protection scheme, Natural flood orders orders for amagement study; Strategic mapping and modelling, Maintain flood warning; Flood forecasting; Community flood action groups; Awareness raising; Self help; Surface	Surface water management Plan when considering options to reduce flood risk.	allocations over the six years of the	Not started	13013	Reduce economic damages to residential and non-residential properties and flood risk to community facilities in Peebles caused by river flooding from the Eddleston Water and River Tweed	The study could benefit 839 residential properties and 149 non-residential properties at risk of flooding this location, with potential damages avoided of up to £52 million. 128 of these properties are at risk fir high likelihood events and may benefit from natural flood management actions.	wellbeing of the community. In addition the study could benefit five community	y 5307, 5314, 5319, 5325, 5321 and 5329). Opportunities to improve the condition of the river should be considered by coordinating with
				and impacts will 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 across, National Scenic Areas, scheduled monuments, listed buildings, Sites of Special Scientific Interest and ancient		water plan/study; maintenance; Emergency plans/response.	include but not limited to; other responsible authorities under the FRM (Scotland) Ac 2009, Tweed Forum, local communites and groups, affected landowners, other						restore and enhance natural environments and create opportunities for recreation and tourism.	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
				woodlands are also present in the study area and could be positively or negatively impacted.			national bodies and relevant departments within Scottish Borders Council.							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 13/04	Eddleston, Peebles, Innerleithen, Selkirk, Stow	130070006 Flood protection scheme/works	Selkirk	The Selkirk Flood Protection Scheme is currently under construction, scheduled to be completed in early 2017. The scheme includes flood defences, flood storage in St. Mary's Loch, bridge raising/ replacement, overflow channels and natural flood management. The scheme will offer a variable standard of protection, with most areas being protected to 1 in 200 years plus climate change. Long Phillip Burn will be protected to 1 in 100 years plus climate	N/A	COLLISTI	Scottish Borders Council will ensure the successful completion of the Selkirk Flood Protection which gives a high level of protection (min 1:100 plus climate change - ma 1:500 plus climate change, to the lowlying areas of Sekirk. The scheme is programming completions each 2011.	Protection Scriente has already	Ongoing	13009, 13010,	Reduce economic damages to residential and non-residential properties in Selkirk caused by flooding from the Ettrick Water,	The flood protection scheme has an estimated benefit cost ratio of 2.2.	A reduction in flood risk will have a positive benefit to the health and wellbeing of the community and socially vulnerable people located within the flood protection scheme area. There may be negative impacts through disturbance to	consideration of potentially significant impacts from the construction and future use of the scheme and ways in which these can be
	and Galashiels			change and the Selkirk Riverside will be offered 1 in 500 years plus climate change which is the highest level of protection for a publically funded scheme.		ouncil water plan/study; maintenance; Emergency plans/response.	for completeion early 2017.	currently under construction, due for completeion early 2017.		13011, 13012	Long Philip Burn and Shaw Burn		the local community during the construction phase and changes in visual amenity and land use as a result of these works.	mitigated. Natural flood management will have a positive impact on the environment through restoration and enhancement.
							Scottish Borders has a duty to assess bodies of water and conduct clearance and repo							
13 13/04	Eddleston, Peebles, Innerleithen, Selkirk, Stow and Galashiels	130330007 Maintenance		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		cottish studies; Maintain flood protection scheme; Natural flood management study; Strateg orders mapping and modelling; Maintain flood warning; Flood forecasting; Community flood	works which would substantially reduce flood risk. Where necessary Scottish Border gic Council will coordinate with landowners and other responsible authorities where a rid is identified and carry out works should it be de	risk Scottish Water is funded by customer charges as set by our 2016 - 2022	Existing	13033	Reduce overall flood risk			
	and Galasiners			including those which help to reduce flood risk.		action groups; Awareness raising; Self help; Surface water plan/study; Emergency plans/response.	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.							
						Flood protection study; Flood protection scheme/works; Natural flood management		expenditure. SEPA's flood forecasting service is						
13 13/04	Eddleston, Peebles, Innerleithen, Selkirk, Stow and Galashiels	130330009 Flood forecasting		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	studies; Maintain flood protection scheme; Natural flood management study; Strateg BPA mapping and modelling; Maintain flood warning; Maintenance; Community flood action groups; Awareness raising; Self help; Surface water plan/study; Emergency	SEPA / Met Office joint initiative. Hydrological information is provided by SEPA and meteorological information is provided by the Met Office. SEPA uses the information	funded through Scottish Government's grant in aid allocation. The Met Office receives	Existing	13033	Reduce overall flood risk			
	Eddleston. Peebles.			Everyone is responsible for protecting themselves and their property from flooding. Property and business owners can take simple steps to reduce		plans/response. Flood protection study; Flood protection scheme/works; Natural flood management studies: Maintain flood protection scheme: Natural flood management study: Stratee	Scottish Borders Council will work with other responsible authorities to support gic residents, businesses and local resilient communities groups as required. This will be	funding from the UK Government.						
13 13/04	Innerleithen, Selkirk, Stow and Galashiels	130330011 Self help	Applies across Tweed Local Plan District	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	manning and modelling Maintain flood warning Maintenance Community flood	done by developing and reviewing emergency plans, facilitating resilient communities plans and continuing to provide and develop Scottish Borders Council subsidised floo products scheme.	oc Scottish Borders Council Revenue	Existing	13033	Reduce overall flood risk			
	Eddleston, Peebles,					Flood protection study; Flood protection scheme/works; Natural flood management	Scottish Borders Council will continue to update and maintain the Bakehouse Burn Flood Warning Group. The Council will ensure that checks on the flood warning				Reduce economic damages to residential and non-residential			
13 13/04	Innerleithen, Selkirk, Stow and Galashiels	130150012 Community flood action groups	Galashiels, Stow	Galashiels Bakehouse Burn Flood Warning Group operates in this area. The group is supported by Scottish Borders Council and aims to increase community resilience to flooding.	N/A	mapping and modelling; Maintain flood warning; Maintenance; Self help; Awareness	gic recipients are carried out a regular intervals and updated accordingly. The Council w is also provide advice to those recipients on how best to protect thermselves from flooding and encourage others in the flood warning area to sign up to the warning	Budget 2016 - 2022	Existing	13015, 13016, 13017	properties and flood risk to community facilities in Galashiels caused by flooding from the Gala Water and River Tweed	The economic impact of this action is difficult to estimate.	Positive impact through provision of support to local community and businesses	s. N/A
						Flood protection study; Flood protection scheme/works; Natural flood management	group. Scottish Borders Council will continue to update and maintain the Long Philip Burn Flood Warning Group. The Council will ensure that checks on the flood warning							
13 13/04	Eddleston, Peebles, Innerleithen, Selkirk, Stow and Galashiels	130070012 Community flood action groups	Selkirk	Selkirk Long Phillip Burn Flood Warning Group operates in this area. The group is supported by Scottish Borders Council and aims to increase community resilience to flooding.	N/A	ommunity studies; Maintain flood protection scheme; Natural flood management study; Strateg mapping and modelling; Maintain flood warning; Maintenance; Self help; Awareness	gic recipients are carried out a regular intervals and updated accordingly. The Council was provide advice to those recipients on how best to protect thermselves from flooding and encourage others in the flood warning are	Budget	Existing	13009, 13010,	Reduce economic damages to residential and non-residential properties in Selkirk caused by flooding from the Ettrick Water, Long Philip Burn and Shaw Burn	The economic impact of this action is difficult to estimate.	Positive impact through provision of support to local community and businesse	s. N/A
				SEPA and the responsible authorities have a duty to raise public awareness of flood risk. Improved awareness of flood risk and actions that prepare			group.							
				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.				Scottish Borders Council activities will be funded through its revenue						
	Eddleston, Peebles,			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 Floodline customers in any newly protected flood warning area.		studies: Maintain flood protection scheme: Natural flood management study: Strateg	Scottish Borders Council, will continue to work with other responsible authorities to gic raise awareness. This will include but not limited to utilising the resilient communitie	iec' Government Unrough SEPA'S grant						
13 13/04	Innerleithen, Selkirk, Stow and Galashiels	130330013 Awareness raising		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 traintily Vulnerable Area. The performances aim to lead people to consider how flooding could impact their community and how they can take steps to prepare for it.		esponsible	y 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 w also help develop awareness within this PVA.	funded by customer charges as set by their economic regulator, all	Existing	13033	Reduce overall flood risk			
				Scottish Borders Council will raise awareness as required and assist responsible authorities in any awarness raising activities they undertake. Scottish Water will support SEPA and responsible authorities with their awareness raising activities as required and provide targeted flooding				business activities required under this action by Scottish Water are accounted for in our capital or operational expenditure.						
				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.				operational experiental e.						
				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										
							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							
	Eddleston, Peebles,	Emergency	Applies across Twee	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		Flood protection study; Flood protection scheme/works; Natural flood management ategory 1 and studies; Maintain flood protection scheme; Natural flood management study; Strateg		er) This action is funded through						
13 13/04	Innerleithen, Selkirk, Stow and Galashiels		Local Plan District	N/A 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	Responders Responders flood action groups; Flood forecasting; Surface water plan/study; Australian flood warning, Maintenance; Self help; Community flood action groups; Flood forecasting; Surface water plan/study; Awareness raising.	Scottich Roaders Council and other responsible authorities continue to review and	multiple funding arrangements 2016 - 2022 from a number of agencies.	Existing	13033	Reduce overall flood risk			
							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.							
								Strategic mapping						
								improvements in t are dependant on authority study an and timings of a su	a local nd scheme					
				SEPA will seek to develop flood mapping in the Gala Water, Ettrick Water, Upper Tweed, Eddleston Water and Biggar Burn areas to improve			The Selkirk Flood Protection Scheme is currently under construction. SEPA will work with the local authority to ensure that strategic mapping and modelling developmen reflect the changes in flood risk resulting from new flood protection scheme where	water study. SEPA	will await these					
13 13/04	Eddleston, Peebles, Innerleithen, Selkirk, Stow		nd Applies across Tweed Local Plan District	SEPA will seek to incorporate additional surface water data into the flood maps to improve understanding of flood risk. Approximately 800km ² of		Flood protection study; flood protection scheme/works; Natural flood management studies; Maintain flood protection scheme; Natural flood management study; EPA Emergency plans/response; Maintain flood warning; Maintenance; Self help;	Innerleithen and Broughton and a natural flood management study is proposed for Galashiels and Stow. A surface water management plan is proposed for the Peebles	SEPA's strategic mapping and incorporating it int modelling activities are funded by scrattish Government through positive assessment	to the oject to a Not started	13033	Reduce overall flood risk			
	and Galashiels			improved surface water data is currently available within this Local Plan District. The inclusion of additional surface water hazard data resulting from the completion of local authority surface water management plans and Scottish Water integrated catchment studies will be considered as these projects are completed.		Community flood action groups; Flood forecasting; Surface water plan/study; Awareness raising.	area and a surface water management plan and associated integrated catchment stu is proposed for the Galashiels, Melrose and Tweedbank area. SEPA will work with thr responsible authorities to ensure that new information about flood risk resulting froi the proposed studies is considered in SEPA's strategic mapping and modelling	SEPA's grant in aid settlement. Timescales are ind	licative I seek to					
							developments where appropriate and relevant.	during 2016 in ord further refine time The intention is to	escales. update					
								the strategic river 2018-2021 and sur water maps in 201	rface					
							Scottish Borders Council will maintain the Selkirk Flood Protection Scheme following completeion in early 2017 to ensure it continues to provide a high level of protection	in .						
13 13/04	Eddleston, Peebles, Innerleithen, Selkirk, Stow and Galashiels	130070017 Maintain flood protection scheme	Selkirk	Maintain the new Selkirk Flood Protection Scheme following completion in early 2017. The scheme includes direct defences on the Ettrick, direct defences and natural flood management on the Longphilip Burn and the St Marys Loch Intelligent Water Management System.	N/A	cottish orders flood protection study; Flood protection scheme/works, Natural flood management study; Strateg mapping and modelling; Emergency response/plan; Maintenance; Self help; Commun flood action groups; Flood forecasting; Surface water plan/study; Awareness raising.		subject to budget allocations over the six years of the plan, 2016 - 2022	Existing	13009, 13010,	Reduce economic damages to residential and non-residential properties in Selkirk caused by flooding from the Ettrick Water, Long Philip Burn and Shaw 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 loc- community as these works are carried out.	
							through consultation with other responsible authorities, stakeholders and landowne as required. Scottish Borders Council will continue to maintain the Galashiels Flood Protection	ers						
13 13/04	Eddleston, Peebles, Innerleithen, Selkirk, Stow	130150017 Maintain flood protection scheme	Galashiels, Stow	Maintain the new Galashiels Flood Protection Scheme completed in October 2014. The scheme includes direct defences on the Gala Water, from Wheatlands Road to Comely Bank, and provides a 1 in 75 year standard of protection to the centre of Galashiels.	N/A	Flood protection study; Flood protection scheme/works; Natural flood management study; Strateg studies; Maintain flood protection scheme; Natural flood management study; Strateg mapping and modelling; Emergency response/plan; Maintenance; Self help; Commun	Scheme to ensure the scheme continues to operate at peak efficency. gic inspections will be scheduled as appropriate as part of the Council's duties under the	Funding for maintenance will be subject to budget allocations over the six years of the plan, 2016 - 2022	Existing	13015, 13016, 13017	Reduce economic damages to residential and non-residential properties and flood risk to community facilities in Galashiels		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 loc	
	and Galashiels	p. o tection scheme		, Proceeding one could by Unionics.		ouncil mapping and modelling; Emergency response/plan; Maintenance; Seir neip; Commun flood action groups; Flood forecasting; Surface water plan/study; Awareness raising.	Br. 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 landowneas required.	2022.			caused by flooding from the Gala Water and River Tweed		temporary negative impacts through disturbance and inconvenience to the loci community as these works are carried out.	,
	Eddleston Paghlos					cottish Flood protection study; Flood protection scheme/works; Natural flood management		Funding for maintenance will be			Reduce economic damages to residential and non-residential		A reduction of flood risk and its associated impact on property and	
13 13/04	Eddleston, Peebles, Innerleithen, Selkirk, Stow and Galashiels	130140017 Maintain flood protection scheme	Innerleithen	Continue to maintain the existing Innerleithen Hall Street Flood Protection Scheme. The scheme was designed to mitigate the flooding of St Ronan's Terrace, Hall Street and High Street from surface-runoff and watercourses upstream of Hall Street.	N/A	orders studies; Maintain flood protection scheme; Natural flood management study; Strateg mapping and modelling; Emergency response/plan; Maintenance; Self help; Commun		e subject to budget allocations over the six years of the plan, 2016-	Existing	13014	Reduce economic damages to residential and non-residential properties and flood risk to community facilities in Innerleithen caused by flooding from the River Tweed and Leithen Water		infrastructure would have positive benefits to the community. There may be temporary negative impacts through disturbance and inconvenience to the loc- community as these works are carried out.	
							as required. Scottish Borders Council will continue to maintain the Peebles South Park Flood							
13 13/04	Eddleston, Peebles, Innerleithen, Selkirk, Stow and Galashiels	130130017 Maintain flood protection scheme	Peebles	Continue to maintain the existing Edderston Burn Flood Prevention Scheme.	N/A	cottish flood protection study; Flood protection scheme/works; Natural flood management studies; Natural flood management study; Strategic mapping and modelling; Emergency response/plan; Maintenance; Self help; Community flood action groups;	Protection Scheme to ensure the scheme continues to operate at peak efficency. 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		Existing	13013	Reduce economic damages to residential and non-residential properties and flood risk to community facilities in Peebles caused by river flooding from the Eddleston Water and River Tweed		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 loca	
	Galas/IICIS					Flood forecasting; Surface water plan/study; Awareness raising; Planning policies.	Flood Risk Management (Scotland) Act 2009. Any maintenance required will be through consultation with other responsible authorities, stakeholders and landowner as required.	2022			,		community as these works are carried out.	
				A Surface Water Management Plan will be undertaken for Peebles, this will set objectives for the management of surface water flood risk and identify the most sustainable actions to achieve the objectives.		Flood protection study; Flood protection scheme/works; Natural flood management	Scottish Borders Council will co-ordinate surface water management planning with Scottish Water, SEPA and liaise with the local community.							
13 13/04	Eddleston, Peebles, Innerleithen, Selkirk, Stow and Galashiels	130050018 Surface water plan/study	Peebles	Scottish Borders Council will prepare a Surface Water Management Plan (SWMP) to cover Peebles. This will identify the most sustainable measures to manage urban drainage and the risk of surface water flooding in Peebles 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, management planning, and support of the surface water and influence future capital investment, drainage maintenance, land-use planning, and support of the surface water and influence future capital investment, drainage maintenance, land-use planning, and support of the surface water and influence future capital investment, drainage maintenance, land-use planning, and support of the surface water and influence future capital investment, drainage maintenance, land-use planning, and support of the surface water and influence future capital investment, drainage maintenance, land-use planning, and water of the surface water and influence future capital investment, drainage maintenance, land-use planning, and water of the surface water and influence future capital investment, drainage maintenance, land-use planning, and water of the surface water and influence future capital investment, drainage maintenance, land-use planning, and water of the surface water and influence future capital investment, drainage maintenance, land-use planning, and water of the surface water and influence future capital investment.	N/A		gic Scottish Water will work with and support surface water management planning	Funding for a surface water management plan will be subject to budget allocations over the six pages of the plan 2016-2022 Peebles DOA 2016	Not started	13005	Reduce economic damages and number of residential properties at risk of surface water flooding in Peebles as far as practical			
				emergency planning etc. 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 16 or integrated catchment studies, to assist with the surface water management planning process.		raising; Planning policies.	surface water management plans.	years of the plan, 2016-2022.						
				A Surface Water Management Plan will be undertaken for Galashiels, Melrose and Tweedbank this will set objectives for the management of surface			Scottish Borders Council will co-ordinate surface water management planning with Scottish Water. SFPA and liaise with the local community. The Surface Water							
	Eddleston, Peebles,	12024004B Surface water	Galashiels Melroce	water flood risk and identify the most sustainable actions to achieve the objectives. Scottish Borders Council will prepare a Surface Water Management Plan (SWMP) to cover Galashiels, Melrose and Tweedbank. This will identify the nd most sustainable measures to manage urban drainage and the risk of surface water flooding in Galashiels, Melrose and Tweedbank as well as sources of		Flood protection study; Flood protection scheme/works; Natural flood management studies; Maintain flood protection scheme; Natural flood management study; Strateg	gic Study being led by Scottish Water.	Funding for a surface water			Reduce economic damages and number of residential properties at			
13 13/04	Innerleithen, Selkirk, Stow and Galashiels	130340018 Surface water plan/study	Galashiels, Melrose a Tweedbank	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.		orders mapping and modelling; Emergency response/plan; Maintenance; Self help; Commun ouncil flood action groups; Flood forecasting; maintain flood protection scheme; Awareness raising.	nity Scottish Water will work with and support surface water management planning	budget allocations over the six Melrose DOA 2018	018 - 2020 Not started 8	13034	risk of surface water flooding in Galashiels, Melrose and Tweedbank as far as practical			
				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 16 or integrated catchment studies, to assist with the surface water management planning process.										
	Eddleston, Peebles,		C-1. 1	An integrated catchment study covering the Galashiels catchment will be carried out to support the surface water management planning process in (SWMP priority areas). The study will improve knowledge and understanding of the interactions between the above ground and below ground drainage network e.g. with the sewer network, watercourses and (where applicable) the sea. This will improve the understanding of local surface water flood risk.		cottish Water partnership partnership partnership partnership partnership	Scottish Water will work collaboratively with project partners throughout the studies	This project is being funded by Scottish Water in partnership with Scottish Borders Council. Scottish			Reduce economic damages and number of residential properties at			
13 13/04	Innerleithen, Selkirk, Stow and Galashiels	130340019 Surface water plan/study	Galashiels, Melrose a Tweedbank	Unterstand timescales and funding arrangements between Scottish Water and Scottish Borders Council (edit as necessary) will take the studies though the Scoping and Modelling phases to define the significant flooding issues in the catchment. After this has been completed, it is expected that the integrated catchment study partnerships will remain in place and will progress with the Optioneering phase to establish the preferred solution(s) to the significant	,	partnership mapping and modelling; Surface water plan/study; Emergency response/plan; Maintenance; Self help; Community flood action groups; Flood forecasting; maintain flood protection scheme; Awareness raising.		Water funding is committed in its capital programme through Q&S 4a (2015-2021) which is approved	Ongoing	13034	risk of surface water flooding in Galashiels, Melrose and Tweedbank as far as practical			
				flooding issues. Scottish Water will review the assessment of flood risk within the highest risk sewer catchments to improve knowledge and understanding of surface				by its regulators and customers. Scottish Water funding is Galashiels DOA 20						
13 13/04	Eddleston, Peebles, Innerleithen, Selkirk, Stow and Galashiels	130330019 Strategic mapping ar modelling	nd Applies across Tweed Local Plan District	water flood risk. Scottish Water will undertake further investigation and modelling in the Galashiels, Melrose, Peebles, Selkirk and Walkerburn sewer catchments to		cottish Water	information into these studies and by regularly keeping the responsible authorities informed of their progress. Scottish Water will provide responsible authorities with to outputs of the Section 16 assessment which, where relevant, may be used to inform	committed in its capital programme Melrose DOA 2018 the through Q&S 4a (2015-2021) which is approved by its regulators and Selikrk DOA 2016	8 Not started - 2019	13033	Reduce overall flood risk			
				improve knowledge and understanding of flood risk in this area as required under Section 16 of the Flood Risk Management (Scotland) Act 2009. Continue to maintain the Ettrick Valley, Selkirk to Lindean and the Selkirk (Bannerfield and Riverside Estate) flood warning areas which are part of the Ettrick Water river flood warning scheme.			surface water management plans and SEPA flood hazard and risk maps.	customers. Walkerburn DOA 2	2010					
				Ettrick Water river flood warning scheme. Continue to maintain the Stow, Galashiels (Netherdale) and Galashiels (including Bowland) flood warning areas which are on the Gala Water and are part of the Gala and Leader Water river flood warning scheme.										
	Eddleston, Peebles,		Applies	Continue to maintain the Peebles and the Shiplaw to Crossburn (including Eddleston) flood warning areas which are part of the Eddleston Water river		Flood protection study; Flood protection scheme/works; Natural flood management studies; Maintain flood protection scheme; Natural flood management study: Strateg	The Selkirk Flood Protection Scheme is currently under construction. A flood protection study is proposed for Peebles, Innerleithen and Broughton and a natural flood management study is proposed for Galashiels and Stow. SEPA will work with the state of the second st	The maintenance of SEPA's flood						
13 13/04	Innerleithen, Selkirk, Stow and Galashiels	130330030 Maintain flood warning	Applies across Tweed Local Plan District	Continue to maintain the Leithen Water at Innerleithen flood warning area which is part of the Leithen Water river flood warning scheme.		mapping and modelling; Surface water plan/study; Emergency response/plan; Maintenance; Self help; Community flood action groups; Flood forecasting; Awarenes raising.		Scottish Government through	Existing	13033	Reduce overall flood risk			
				Continue to maintain the Tweed in Peebles, Tweed from Peebles to Yair Bridge and the Tweedbank to Floors flood warning areas which are part of the Tweed river flood warning scheme. Continue to maintain the Yarrow Valley flood warning area which is part of the Yarrow Water river flood warning scheme.			9-7-0-1							
				Continue to maintain the varrow valley hood warning area which is part of the varrow water river hood 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.										

D PVA		PVA Description	Selected Action ID Selected Action Type	Location	Description	National Rank LPd R	ank LA Ran	k Lead Authority	Related Actions	Co-ordination arrangement	Funding Arrangements	Delivery Period in Financial Year	Status if already started	Objective IE	Objective Description	Summary of economic impact	Summary of social impact	Summary of environmental impact
13 13/0	5	Earlston	130010001 Planning policies	Applies across Tweed Local Plan District	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 support 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 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. 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. SEPA has a statutory role in relation to the provision of flood risk advice to planning authorities. This role is expressed 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 advi 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 Ac 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/ 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.	in in ice.		Planning authority	Flood protection study; Maintain flood protection scheme; Strategic mapping and modelling; Maintain Flood warning; Flood forecasting; Awareness raising; Shelp; 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. 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 revenu budget. SEPA's land use planning activities are funded by Scottish Government through		Existing	13001	Avoid an overall increase in flood risk			
13 13/0!	5	Earlston	130190005 Flood protection study	Earlston	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 / floodplai 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 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 als present in the study area and could be positively or negatively impacted.	25 of 168	2 of 6	Scottish Borders Council	Maintain flood protection scheme; Strategic mapping modelling; Maintain flood warning; Flood forecasting; Awareness raising; Self help; Maintenance; Emergency plans/response; Planning policies.	stakeholders and relevant groups these will include bu	years of the plan, 2016-	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 / Turfford 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 £16 million. Sixty-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 reductiflood risk would have a positive benefit to the health and wellbei of the community. In addition the study could benefit two emerger services and one healthcare facili located within the study area. Natural flood management actio can restore and enhance natural environments and create opportunities for recreation and tourism.	opportunities to ennance and restor 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
13 13/09	5	Earlston	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 pull 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.	blic		Scottish Borders Council, asset / lan managers	Flood protection study; Maintain flood protection scheme; Strategic mapping and modelling; Maintain fl warning; Flood forecasting; Awareness raising; Self hel Emergency plans/response; Planning policies.	risk is identified and carry our works should it be	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 requires under this action by	2016 - 2022 d	Existing	13033	Reduce overall flood risk			
13 13/0!	5	Earlston	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, nation flood guidance statements which are issued to Category 1 and 2 Responders. The flood guidance statements provide a 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 better chance of reducing the impact of flooding on their home or business. For more information please visit SEPA's website.	e N/A	N/A	SEPA	Flood protection study; Maintain flood protection scheme; Strategic mapping and modelling; Maintain fl 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.	grant in aid allocation. Th	e 2016 - 2022	Existing	13033	Reduce overall flood risk			
13 13/0	5	Earlston	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 include 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 Bord-Council offers discounted flood protection products to homes and businesses at risk in the Scottish Borders.	N/A	N/A	_	Flood protection study; Maintain flood protection scheme; Strategic mapping and modelling; Maintain fl warning; Maintenance; Awareness raising; Flood forecasting; Emergency plans/response; Planning polic	nlans facilitating resilient communities plans and	is Scottish Borders Council Revenue and	2016 - 2022	Existing	13033	Reduce overall flood risk			
13 13/0	3	Earlston	130330013 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. 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 authoritie 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. Scottish Borders Council will raise awareness as required and assist responsible authorities in any awarness raising activities they undertake. 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	es. id		Responsible author	Flood protection study; Maintain flood protection scheme; Strategic mapping and modelling; Maintain fl 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 with this PVA.	Government through SEPA's grant in aid settlement. Scottish Water is funded by customer charges as set I	2016 - 2022	Existing	13033	Reduce overall flood risk			
13 13/09	5	Earlston	130330014 Emergency plans/response	Applies across Tweed Local Plan District	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. Scottish Water are a Category 2 responder under the Civil Contingencies Act 2004 and will support regional and local resilience partnerships as required.	ne N/A	N/A	Category 1 and 2 Responders	Flood protection study; Maintain flood protection scheme; Strategic mapping and modelling; Maintain fl 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 warning 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. 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 Border in areas that have signed up to the Resilient Communities Initiative.	This action is funded through multiple funding arrangements from a number of agencies.	2016 - 2022	Existing	13033	Reduce overall flood risk			
13 13/09	5	Earlston		Applies across Tweed Local Plan District	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. SEPA will seek to develop flood mapping in the Leader Water area to improve understanding of flood risk. The extent 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	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 strategic mapping and modelling developments where appropriate and relevant.	and modelling activities are funded by Scottish 's Government through		of a y Not started	13033	Reduce overall flood risk			
13 13/09	5	Earlston	130190017 Maintain flood protection scheme	Earlston	Continue to maintain the existing Turfford Burn Flood Protection Scheme which reduces the risk of river flooding along the Turfford Burn.	g N/A	N/A	Scottish Borders Council	Flood protection study; Strategic mapping and modelli Emergency plans/response; Maintain flood warning; Maintenance; Self help; Flood forecasting; Awareness raising; Planning policies.		Funding for maintenance will be subject to budget allocations over the six years of the plan, 2016-	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 / Turfford Burn		A reduction of flood risk and its associated impact on property ar infrastructure would have positive benefits to the community. There may be temporary negative impathrough disturbance and inconvenience to the local community as these works are carried out.	There are no international, national
13 13/0	5	Earlston		Applies across Tweed Local Plan District	Scottish Water will carry out an assessment of flood risk within the highest risk sewer catchments to improve knowled and understanding of surface water flood risk. 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.	dge		Scottish Water	Flood protection study; Maintain flood protection scheme; Emergency plans/response; Maintain flood warning; Maintenance; Self help; Flood forecasting; Awareness raising; Planning policies.	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	d Scottish Water funding is committed in its capital programme through Q& 4a (2015-2021) which is approved by its regulator	Eariston DOA 2016 - 2017	Not started	13033	Reduce overall flood risk			
13 13/09	5	Earlston	130330030 Maintain flood warning	Applies across Tweed Local Plan District	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. 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	Flood protection study; Maintain flood protection scheme; Emergency plans/response; Strategic Mapping and modelling; Maintenance; Self help; Flood forecasti Awareness raising; Planning policies.		The maintenance of SEPA flood warning service is funded by Scottish Government through SEPA's grant in aid settlement.	s Ongoing	Existing	13033	Reduce overall flood risk			

PVA	PVA	A Description	Selected Action ID Type	Location	Description National Rank	LPd Rank LA Rar	nk 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 imp
13 13/06	Cold	dstream	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; 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 Border 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 200	years of the plan, 2016- 2022. Scottish Water is funded by customer charge as set by our economic ers regulator, all business activities required under		Existing	13033	Reduce overall flood risk			
13 13/06	Cold	dstream	130330009 F1000 10140351109	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	Strategic Mapping and modelling; Maintain flood warning; Maintenance; Awareness raising; Self help; Planning Policies; Emergency plans/response.	SEPA / Met Office joint initiative. Hydrological informatio 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		Existing	13033	Reduce overall flood risk			
13 13/06	Cold	dstream	I 3033001 I Self nein	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	_	Strategic Mapping and modelling; Maintain flood warning; Maintenance; Awareness raising; Flood Forecasting; Planning Policie 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 don by developing and reviewing emergency plans, facilitating resilient communities plans and continuing to provide and develop Scottish Borders Council subsidised flood product scheme.	ne Scottish Borders Council g Revenue and d CapitalBudgets.	2016 - 2022	Existing	13033	Reduce overall flood risk			
13 13/06	Cold	dstream	130330013 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. 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. Scottish Borders Council will raise awareness as required and assist responsible authorities in any awarness raising activities they undertake. 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.	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 walso help develop awareness within this PVA.	through SEPA's grant in aic settlement. Scottish Wate is funded by customer	2016 - 2022	Existing	13033	Reduce overall flood risk			
13 13/06	Cold	dstream		Applies across Tweed Local Plan District	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 coordinated 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	Category 1 and 2 Responders	Strategic Mapping and modelling; Maintain flood warning; Maintenance; Self help; Flood Forecasting; Planning Policies; Awareness raising.	Scottish Borders Council and other responsible authorities	This action is funded through multiple funding arrangements from a number of agencies.	2016 - 2022	Existing	13033	Reduce overall flood risk			
13 13/06	Cold	dstream	130330019	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 Coldstream 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	Emergency plans/response; Maintain flood warning; Maintenance; Self help; Floo Forecasting; Planning Policie Awareness raising.		scottish Water funding is committed in its capital programme through Q&S at 4a (2015-2021) which is approved by its regulators	2019	16 - Not started	13033	Reduce overall flood risk			
13 13/06	Cold	dstream	130330030 Maintain flood warning	Applies across Tweed Local Plan District	Continue to maintain the Coldstream Town 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	Emergency plans/response; Strategic mapping and modelling; Maintenance; Se help; Flood Forecasting; Planning Policies; Awareness raising.	new information about flood risk is considered in the	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			

Summary of economic impact	Summary of social impact	Summary of environmental impac

PVA	PVA Description	Selected Action ID	Selected Action Type	Location	Description Nationa	al 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 13/07	Biggar			Applies across Tweed Local Plan District	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. 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			Planning authority	Maintain flood warning; Flood forecasting; Awareness raising;	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.		2016 - 2022	Existing	13001	Avoid an overall increase in flood risk			
					http://www.sepa.org.uk/environment/land/planning/ 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. A flood protection study has been recommended for Biggar to assess whether flood storage, modification of				Flood protection scheme/works;									Flood protection studies should consider the positive and negative impar
13 13/07	Biggar	130210005	Flood protection	n Biggar	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, disbenefits 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 5325) 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.	168	4 of 4	South Lanarkshire Council	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;	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 Biggs The study will also include an assessment of natural flood management options within the catchment. South Lanarkshire 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	2016-2021	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-resproperties at risk of flooding in this location, with potential dam avoided of up to £2.3 million. Twenty-five of these properties ar from high likelihood flooding and may benefit from natural flood management actions.	ges activities and enhance natural flood management actions, can restore and enhance natural community. Natural flood management actions can restore and enhance natural	proposed actions on the ecological quality of the environment and desi Where possible opportunities to enhance and restore the environment sought, for example through natural flood management. The Biggar Wa body ID 5325) is located within the study area and the physical conditioriver is identified by SEPA to be at less than good status. Opportunities the condition of the river should be considered by coordinating with river management planning. Conservation areas, scheduled monuments and buildings are also present in the study area and could be positively or n impacted.
13 13/07	Biggar	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 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, asse / 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 w 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,		Existing	13033	Reduce overall flood risk			
13 13/07	Biggar	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		SEPA / Met Office joint initiative. Hydrological information is provided by SEPA and meteorologic information is provided by the Met Office. SEPA uses the information to predict the likelihood antiming of river, coastal and surface water flooding.	Government's grant in aid	2016 - 2022	Existing	13033	Reduce overall flood risk			
13 13/07	Biggar	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.		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 an reviewing emergency plans.	d South Lanarkshire Council	2016 - 2022	Existing	13033	Reduce overall flood risk			
13 13/07	Biggar	130330013	Awareness raising		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 authoritie	es Maintenance; Self help; Flood	South Lanarkshire Council, will continue to work with other responsible authorities to raise awareness. This will include engagement with communities relating to other actions will also held develop awareness within this PVA.	o South Lanarkshire Council	2016 - 2022	Existing	13033	Reduce overall flood risk			
13 13/07	Biggar	130330014	Emergency plans/response	Applies across Tweed Local Plan District	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. 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	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 Plar 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	130330016		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 throug SEPA's grant in aid settlement.	positive assessment. Timescales are indicative only and SEPA will seek to bett	Not started	13033	Reduce overall flood risk			
13 13/07	Biggar	130210017	Maintain flood protection scheme	Biggar	Continue to maintain the existing flood accommodation system at Biggar High School. N/A		N/A	South Lanarkshire Council		South Lanarkshire Council will continue to maintain the existing flooding accomodation scheme a Biggar High School to ensure the scheme continues to operate at peak efficency.	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 de are likely to be impacted by this action.
13 13/07	Biggar	130330019	mapping and	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.	committed in its capital programme through Q&S 4a		Not started	13033	Reduce overall flood risk			

LPD PVA PVA Descriptio	n Selected Action Type Selected Action Type	Location	Description	National Rank	LPd Rank LA Rank	Lead Authority	Related Actions	Co-ordination arrangement	Funding Delivery Period in Financia Arrangements 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	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. 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. 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/			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. 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.	Existing	13001	Avoid an overall increase in flood risk			Floog protection studies snould consider the
13 13/08 Broughton	130130005 Flood protection study	Broughton	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 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.	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.		Funding for a Flood protection study will be subject to budget allocations over the six years of the plan, 2016-2022	Not started	13022	Reduce economic damages to residential and non-residential properties and flood risk to community facilities in Broughton caused by river flooding	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	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	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, Tarth Water, Dead Burn,
13 13/08 Broughton	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.			Council, asset /	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.	Existing	13033	Reduce overall flood risk			
13 13/08 Broughton	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		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 provide by SEPA and meteorological information is provided by the Met Office. SEPA uses the information to predict the likelihood and timir of river, coastal and surface water flooding.	Scottish	Existing	13033	Reduce overall flood risk			
13 13/08 Broughton	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		Planning policies; Strategic mapping and modelling; Flood forecasting; Awareness raising; Maintenance; Floprotection 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 subsidis flood products scheme.	Scottish Borders Council Revenue 2016 - 2022	Existing	13033	Reduce overall flood risk			
13 13/08 Broughton	130330013 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. 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. Scottish Borders Council will raise awareness as required and assist responsible authorities in any awarness raising activities they undertake. 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			authorities	and modelling; Flood forecasting; Sel help; Maintenance; Flood protection	Scottish Borders Council, will continue to work with other responsib authorities to raise awareness. This will include but not limited to utilising the resilient communities' groups' setup by SBC and assistir 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.	Existing	13033	Reduce overall flood risk			
13 13/08 Broughton	130330014 Emergency plans/respo	Applies across nse Tweed Local Plan District	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. 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		and modelling; Flood forecasting; Sel	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 include a coordinated approach with representation from all Category 1 and Category 2 responders including Scottish Water, voluntary groups at public utility companies through the Joint Agency Control Centre (Bunker) at Scottish Borders Council. f 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.	This action is funded through multiple funding	Existing	13033	Reduce overall flood risk			
13 13/08 Broughton	130330016 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		A flood protection study is proposed for Peebles, Innerleithen and Broughton. SEPA will work with the local authority to ensure that ne 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.	w are funded by strategic maps subject to a		13033	Reduce overall flood risk			

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LPD PVA PVA Description Selected Action II	Selected Action Type Location	Description	National Rank	LPd Rank	LA Rank	Lead Authority Related Actions	Co-ordination arrangement	Arrangements	Delivery Period in S Financial Year s	tatus if already tarted	Objective ID	Objective Description	Summary of economic impact	Summary of social impact	Summary of environmental impact
13 13/09 Kelso	Applies across Tweed Local Plan District	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. 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. 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/				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. SEPA's land use planning activities will be co-ordinated with the activities of other responsible authorities as required.	to fund this action	2016 - 2022 E	xisting	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 w 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.	set by our economic		xisting	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 responder 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 raising; Self help; Surface water plan/study;	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 E	xisting	13033	Reduce overall flood risk			
13 13/09 Kelso	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	flood warning; Maintenance; Awareness — raising; Flood forecasting; Surface water plan/study; Planning policies; Emergency	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 CapitalBudgets.	2016 - 2022 E	ixisting	13033	Reduce overall flood risk			
13 13/09 Kelso	130330013 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. 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. Scottish Borders Council will raise awareness as required and assist responsible authorities in any awarnes raising activities they undertake. 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	e			Responsible authorities flood warning; Maintenance; Self help; Flood forecasting; Surface water	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 devel awareness within this PVA.	Water is filinged by	2016 - 2022 E	xisting	13033	Reduce overall flood risk			
13 13/09 Kelso	130330014 Emergency Applies across Tweed Local Plan District	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 Responder 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; Surface water plan/study; Planning policies; Awareness raising.	Scottish Borders Council, the Emergency Services and SEPA initiate the relevant Emergence 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 and Category 2 responders including Scottish Water, voluntary groups and public utility companies through the Joint Agency Control Centre (Bunker) at Scottish Borders Council. 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 includir fire stations and school grounds. Resilient Communities sandbag stores are now also wide distributed across the Scottish Borders in areas that have signed up to the Resilient Communities Initiative.	This action is funded through multiple funding arrangements from a number of agencies.	2016 - 2022 E	xisting	13033	Reduce overall flood risk			
13 13/09 Kelso	130330019 Strategic mapping Applies across Tweed and modelling 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 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.				Planning nolicies: 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.		lot started	13033	Reduce overall flood risk			
13 13/09 Kelso	130330030 Maintain flood Applies across Tweed warning 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 floor forecasts and warnings. SEPA will use feedback and post-event data to ensure that our flood warning service is timely and accurate.				SEPA heln: Flood forecasting: Emergency	SEPA will work with the local authority to ensure that any new information about flood ris 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 E	xisting	13033	Reduce overall flood risk			

										Delivery Period in	Status if already				
LPD PVA	PVA Description	Selected Action ID Selected Action Type Location	Description Scottish Planning Policy and accompanying Planning Advice Notes set out Scottish Ministers' priorities		LPd Rank LA Ra	ank Lead Authority	Related Actions	Co-ordination arrangement	Funding Arrangements	Financial Year	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	for the operation of the planning system and for the development and use of land. In terms of flood rimanagement, 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 ural 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. 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. SEPA has a statutory role in relation to the provision of flood risk advice to planning authorities. This	isk ur or t		Planning authority	Flood protection study; Maintain flood protection scheme; Strategic mapping and modeling; Maintain flood warning; Flood forecasting; Community flood action groups; Awareness Raising; Self help; Propert level protection scheme; Surface water plan study; Maintenance; Emergency plans response.	National, Regional and Local Planning Policies, providing advice and information into the formal planning process an ensuring sites going forward in the Local Development Plan	continue to fund this action through its revenue budget. d SEPA's land use planning activities are funded by Scottish Government through SEPA's grant in aid	2016 - 2022	Existing	13001	Avoid an overall increase in flood risk		
13 13/10	Jedburgh	130330007 Maintenance Applies across Tweet Local Plan District	Scottish Water is a statutory consultee within the planning legislation and is required to comment on a outline or full planning applications which are referred by a local authority. 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.			Scottish Borders Council, asset / land managers	protection scheme; Strategic mappin and modeling; Maintain flood warning; Flood forecasting; Community flood action groups; Awareness Raising; Self help; Propert level protection scheme; Surface water plan study; Flood protection	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 to ut 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	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	2016 - 2022	Existing	13033	Reduce overall flood risk		
13 13/10	Jedburgh	130260008 Property level protection scheme Jedburgh	Scottish Borders Council has agreed with residents and housing associations in Jedburgh that flood resilient doors will be fitted to the most vulnerable properties.	N/A	N/A	Scottish Borders Council	Planning policies; Maintain flood protection scheme; Strategic mappin and modeling; Maintain flood warning; Flood forecasting; Community flood action groups; Awareness Raising; Self help; Maintenance; Surface water plan study; Flood protection study; Emergency plans/response. Planning policies; Maintain flood	Flood resilient doors and windows have been installed as part of the Jedburgh Skiprunning Burn Flood Protection Scheme. A similar scheme will also be considered as one of the options to manage flood risk in the Jedburgh (Jed Wate	protection study will be subject to budget allocations	s 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 Skiprunning Burn	9 non-residential properties at risk for a 10 year event with a PVD (do nothing over 100 year appraisal period) of £1.5 million	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.
13 13/10	Jedburgh	130330009 Flood forecasting Applies across Tweet 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 all 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.	so N/A	N/A	SEPA	protection scheme; Strategic mappin and modeling; 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. Planning policies; Maintain flood	SEPA / Met Office joint initiative. Hydrological information 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 surfac water flooding.	Scottish Government's grant	2010 - 2022	Existing	13033	Reduce overall flood risk		
13 13/10	Jedburgh		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 businesse d 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	_	and modeling; Maintain flood warning; Property level protection scheme; Community flood action groups; Awareness Raising; Flood	g 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.	Revenue and CapitalBudgets	. 2016 - 2022	Existing	13033	Reduce overall flood risk		
13 13/10	Jedburgh	130260012 Community flood action groups Jedburgh	Jedburgh Skiprunning Burn Flood Warning Group operates in this area. The group is supported by Scottish Borders Council and aims to increase community resilience to flooding.	N/A	N/A	Community	protection scheme; Strategic mappin and modeling; Maintain flood warning; Property level protection scheme; Self help; Awareness Raising Flood forecasting; Maintenance; Surface water plan study; Flood protection study; Emergency plans/response.	Council will ensure that checks on the flood warning group. The	Scottish Borders Council Revenue Budget	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 Skiprunning Burn	The economic impact of this action is difficult to estimate.	Positive impact through provision of support to local community and businesses. N/A
13 13/10	Jedburgh		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. As part of SEPA's education programme and to contribute to community resilience SEPA is sponsoring play by Rightlines Productions called 'Rapid Departure'. This interactive play about flooding will tour docations in Scotland throughout 2016, including this Potentially Vulnerable Area. The performances aim to lead people to consider how flooding could impact their community and how they can take ste to prepare for it. Scottish Borders Council will raise awareness as required and assist responsible authorities in any awarness raising activities they undertake. 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	ps		Responsible authorities	and modeling; Maintain flood warning; Property level protection scheme; Self help; Community flood action groups; Flood forecasting; Maintenance; Surface water plan	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' group 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.		2016 - 2022	Existing	13033	Reduce overall flood risk		
13 13/10	Jedburgh		Providing an emergency response to flooding is the responsibility of many organisations, including loca 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 d Responders. The emergency response by these organisations is co-ordinated through regional and loca 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	Category 1 and 2 Responders	protection scheme; Strategic mappin and modeling; Maintain flood warning; Property level protection scheme; Self help; Community flood action groups; Flood forecasting; Maintenance; Surface water plan	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. 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.	This action is funded through multiple funding arrangements from a number of agencies.	2016 - 2022	Existing	13033	Reduce overall flood risk		
13 13/10	Jedburgh	130260017 Maintain flood protection scheme Jedburgh	Continue to maintain the existing flood defences along the Jed Water including the Jed Water Flood Protection Scheme and Jedburgh Skiprunning Burn Culvert Flood Protection Scheme.	N/A	N/A	Scottish Borders Council	and modeling; Maintain flood warning; Property level protection scheme; Self help; Community flood action groups; Flood forecasting; Maintenance; Surface water plan	Scottish Borders Council will continue to maintain the Jedburgh (Richmond Row) Flood Protection Scheme to ensure the scheme continues to operate at peak efficency. 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.	Funding for maintenance wil be subject to budget allocations over the six years of the plan, 2016-2022.	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 Skiprunning 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.
13 13/10	Jedburgh	130330019 Strategic mapping and modelling Applies across Tweer 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. d 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 16 of the Flood Risk Management (Scotland) Act 2009.	0		Scottish Water	plan/study; Maintain flood warning; Property level protection scheme; Se help; Community flood action group: Flood forecasting; Maintenance; Maintain flood protection scheme;	Scottish Water will work with responsible authorities to incorporate relevant information into these studies and by elf 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.	³ 2016-2020	Not started	13033	Reduce overall flood risk		
13 13/10	Jedburgh	130330030 Maintain flood Applies across Tweed warning Local Plan District	Continue to maintain the Camptown to Jedburgh and the Jedburgh to Jedfoot Bridge flood warning areas which are part of the Jed Water river flood warning scheme. d 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				2016 - 2022	Existing	13033	Reduce overall flood risk		

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LPD PVA	PVA Description	Selected Action Selected Action Type	Location	Description	National Rank	LPd Rank	LA Rank	Lead Authority	Related Actions	Co-ordination arrangement		Delivery Period in inancial 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 nolicies	Applies across Tweed Local Plan District	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. 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. 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 purpose: 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/ 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.	3 3 5.			Planning authority	Maintain flood protection scheme; 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. SEPA's land use planning activities will be co-ordinated with the activities of other responsible authorities as required.	will continue to fund this action through its revenue budget. SEPA's land use	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.	ne			Scottish Borders Council, asset / land managers	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.	allocations over the six h years of the plan, 2016- 2022. Scottish Water is funded by customer charges as set by our economic regulator, all business activities required	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 responder 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.	1		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		N/A	-	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 2 CapitalBudgets.	2016 - 2022	Existing	13033	Reduce overall flood risk		
13 13/11	Denholm	130330013 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. 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 promotic of SEPA's flood forecasting and warning services (Floodline). Where they exist, SEPA will engage with community resilience groups and community safety partnerships. Scottish Borders Council will raise awareness as required and assist responsible authorities in any awarness raising activities they undertake. 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 project 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	e e on			Responsible authorities	Maintenance; Flood forecasting; Self help; Maintain flood warning; Planning policies; Emergency plans/response.	other responsible authorities to raise awareness. This	charges as set by their	2016 - 2022	Existing	13033	Reduce overall flood risk		
13 13/11	Denholm	130330014 Emergency plans/response	Applies across Tweed Local Plan District	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. 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	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. 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.	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		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 efficency. 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.	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	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 floof 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		

LPD PVA	PVA Description	Selected Action ID Selected Action 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	Objective ID	Objective Description	Summary of economic impact Summary of social impact Summary of environmental impact
13 13/12	Hawick	Applies acro 130010001 Planning policies Tweed Local District	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 manageme 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 long-term vulnerability of parts of our coasts and islands. Under this approach, new development in areas wi medium to high likelihood of flooding should be avoided. For further information on the application of natio planning policies see Annex 2. 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.	t, he h al	Planning authority	Flood protection scheme works; Natural flood management study; Strategic mapping and modelling; Maintain flood warning; Flood 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 flood warning; Flood	Scottish Borders Council will continue to fund this action through its revenue budget. SEPA's land use planning activities are funded by Scottis Government through SEPA's grant in aid settlement.	2016 - 2022	Existing	13001	Avoid an overall increase in flood risk	
13 13/12	Hawick	Natural flood 130300003 management Hawick study	A natural flood management study will be undertaken for Hawick to assess whether runoff control and sedin management could help reduce flood risk. The study will take a catchment approach and consider the poten benefits, disbenefits and interaction between actions upstream and downstream. The aim of the study is to develop proposals which will look to supplement the proposed Hawick Flood Protection Scheme. 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 Whitlaw and Branxholme 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 presen the study area and could be positively or negatively impacted.	N/A N/A	Scottish Borders Council	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; Maintenance; Emergency plans/response. Scottish Borders Council will commission a natural flood management study for Hawick. The study will assess the catchment as 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. Scottish Borders Council will coordinate the study with SEPA, Tweed Forum, landowners, community groups, general public and other interested parties.	Funding for a natural flood	2016-2020	Not started	13030, 13031	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	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 study area. Natural flood management actions can reduce flood risk for high likelihood events. 255 residential and non-residential properties could potentially benefit from natural flood management actions in this location. 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 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 Whitlaw and Branxholme Special Area of Conservation, Borders Woods Special Area of Conservation or River Tweed Special Area of 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.
13 13/12	Hawick	130300006 Flood protection scheme/works	A flood protection scheme has been proposed for Hawick. The scheme would consist of flood defence walls embankments to provide protection to the town from flooding from the River Teviot. Scottish Borders Coun also looking at flood-proofing specific buildings and the provision of storage and pumping of seepage flows. Scheme would provide a 1 in 75 year standard of protection.	il is 16 of 42 1 of 1	Scottish Borders Council	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; Maintenance; Emergency plans/response.	Funding for the Flood Protectic Scheme will be subject to Sudget allocations over the six years of the plan, 2016-2022.	2019 - 2022	Under developm	nent 13030, 13031	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	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 2.88-3.03 depending on local ground conditions. 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 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 2.88-3.03 depending on local ground conditions. 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 port 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.
13 13/12	Hawick	Applies acro 130330007 Maintenance Tweed Local District	Local authorities have a duty to assess watercourses and carry out clearance and repair works where such wo 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 sewe network. Asset owners and riparian landowners are responsible for the maintenance and management of the own assets including those which help to reduce flood risk.		Scottish Borders Council, asset / land managers	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. 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 fundii for maintenance will be subject to budget allocations over the six years of the plan, 2016-202 Scottish Water is funded by customer charges as set by ou economic regulator, all busine: activities required under this action by Scottish Water are accounted for in our capital or operational expenditure.	2. 2016 - 2022	Existing	13033	Reduce overall flood risk	
13 13/12	Hawick	130330009 Flood Applies acro forecasting Tweed Local District	statements provide an assessment of the risk of flooding for a five day period allowing responders time to be		SEPA	Natural flood management study; Planning policies; Strategic mapping and modelling; Maintain flood warning; Maintenance; Community action groups; Awareness raising; Self help; Surface water plan/study; Flood Protection Scheme; Emergency plans/response. SEPA / Met Office joint initiative. Hydrological information is provided by SEPA and meteorologica 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 servic is funded through Scottish Government's grant in aid allocation. The Met Office receives funding from the UK Government.	e 2016 - 2022	Existing	13033	Reduce overall flood risk	
13 13/12	Hawick	Applies acro 130330011 Self help Tweed Local District	hannen. This includes preparing a flood plan and flood kit, installing property level protection, signing up to	st N/A N/A	_	Natural flood management study; Planning policies; Strategic mapping and modelling; Maintain flood warning; Maintenance; Community action groups; Awareness raising; Flood forecasting; Surface water plan/study; Flood Protection Scheme; 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.		2016 - 2022	Existing	13033	Reduce overall flood risk	
13 13/12	Hawick	Community 130300012 flood action Hawick groups	Hawick Volunteer Flood Group operates in this area. The group aims to increase community resilience to flooding.	N/A N/A	Community	Natural flood management study; Planning policies; Strategic mapping and modelling; Maintain flood warning; Maintenance; Self help; Awareness raising; Flood forecasting; Surface water plan/study; Flood Protection Scheme; Emergency plans/response. 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.	Scottish Borders Council	2016 - 2022	Existing	13030, 13031	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.	The economic impact of this action is difficult to estimate. Positive impact through provision of support to local community and businesses. N/A
13 13/12	Hawick	Awareness	SEPA and the responsible authorities have a duty to raise public awareness of flood risk. Improved awareness flood risk and actions that prepare individuals, homes and businesses for flooding can reduce the overall imp 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 SEPA's flood forecasting and warning services (Floodline). Where they exist, SEPA will engage with communit resilience groups and community safety partnerships. For the new flood protection scheme, SEPA will support the local authority's communications and engageme activities with media activity, local public awareness events and education engagement with schools. SEPA was also deliver joint communications with local authorities for Floodline customers in any newly protected flood warning area. Scottish Borders Council will raise awareness as required and assist responsible authorities in any awarness raising activities they undertake. 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 detail 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	ct. f	Responsible authori	Natural flood management study; Planning policies; Strategic mapping and modelling; Maintain flood warning; Maintenance; Self help; Community flood action groups; Flood forecasting; Surface water plan/study; Flood Protection Scheme; 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 Governmenthrough SEPA's grant in aid settlement. Scottish Water is funded by customer charges as set by their economic regulato all business activities required under this action by Scottish Water are accounted for in our capital or operational expenditure.	2016 - 2022 s r,	Existing	13033	Reduce overall flood risk	
13 13/12	Hawick	130330014 Emergency Tweed Local District	emergency response by these organisations is co-ordinated through regional and local resilience partnership	N/A N/A	Category 1 and 2 Responders	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. help; Community flood action groups; Flood forecasting; Surface water plan/study; Flood Protection Scheme; 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. 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.	This action is funded through multiple funding arrangement: from a number of agencies.	s 2016 - 2022	Existing	13033	Reduce overall flood risk	
13 13/12	Hawick	Strategic Applies acro 130330016 mapping and Tweed Local modelling District	extent and timing of improvements will depend on detailed scoping and data availability. Where this work	es	SEPA	Natural flood management study; Planning policies; Emergency plans/response; Maintain flood warning; Maintenance; Self help; Community flood action groups; Flood forecasting; Surface water plan/study; Flood Protection Scheme; Awareness raising.	t modelling activities are funded	gh Timescales are indicative only and SEPA	Not started will	13033	Reduce overall flood risk	
13 13/12	Hawick	130280018 Surface water plan/study Hawick	A Surface Water Management Plan will be undertaken for Hawick, this will set objectives for the managemen surface water flood risk and identify the most sustainable actions to achieve the objectives. 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 long-term action plan to manage surface water and influence future capital investment, drainage maintenant land-use planning, emergency planning etc. 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 16 or integrated catchment studies, to assist with the surface water management planning process.	a N/A N/A	Scottish Borders Council	Natural flood management study; Planning policies; Emergency plans/response; Maintain flood warning; Maintenance; Self help; Community flood action groups; Flood forecasting; Strategic mapping and modelling; Flood Protection Scheme; Awareness raising. Scottish Borders Council will co-ordinate surface water management planning with Scottish Water, Scottish Borders Council will co-ordinate surface water management planning with Scottish Water, Scottish Borders Council will co-ordinate surface water management planning with Scottish Water, Scottish Borders Council will co-ordinate surface water management planning with Scottish Water, Scottish Borders Council will co-ordinate surface water management planning with Scottish Water, Scottish Borders Council will co-ordinate surface water management planning with Scottish Water, Scottish Borders Council will co-ordinate surface water management planning with Scottish Water, Scottish Borders Council will co-ordinate surface water management planning with Scottish Water, Scottish Water will work with and support surface water management planning with Scottish Water, Scottish Water will work with and support surface water management planning with Scottish Water, Scottish Borders Council will co-ordinate surface water management planning with Scottish Water, Scottish Borders Council will co-ordinate surface water management planning with Scottish Water, Scottish Water will work with and support surface water management planning with Scottish Water, Scottish Borders Council will co-ordinate surface water management planning with Scottish Water, Scottish Borders Council will co-ordinate surface water management planning with Scottish Water, Scottish Borders Council will co-ordinate surface water management planning with Scottish Water, Scottish Borders Council will co-ordinate surface water management planning with Scottish Water, Scottish Borders Council will co-ordinate surface water management planning with Scottish Water, Scottish Borders Council will co-ordinate surfa	Funding for a surface water management plan will be subject to be detected by	Scottish Water - Hawick DOA 2016 - 202	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	Strategic Applies acro 130330019 mapping and Tweed Local modelling District			Scottish Water	Natural flood management study; Planning policies; Emergency plans/response; Maintain flood warning; Maintenance; Self help; Community flood action groups; Flood forecasting; Surface water plan/study; Flood Protection Scheme; Awareness raising.	committed in its capital	'	Not started	13033	Reduce overall flood risk	
13 13/12	Hawick		Continue to maintain the Hawick (Slitrig) flood warning area which is part of the Slitrig Water river flood warn scheme. SS Continue to maintain the Hawick (Teviot) and the Hawick to Monteviot flood warning areas which are 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 timely and accurate.		SEPA	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.	warning service is funded by	Ongoing	Existing	13033	Reduce overall flood risk	

LPD PVA	PVA Description	Selected Action ID	Selected Action	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	Objective ID	Objective Description
13 13/13	Bonchester Bridge		1 Planning policie	Applies across es Tweed Local Plan District	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. 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. 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 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/				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	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	Bonchester Bridge	130330007	7 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	Bonchester Bridge	130330009	9 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 y; timing of river, coastal and surface water flooding.	Government's grant in aid	2016 - 2022	Existing	13033	Reduce overall flood risk
13 13/13	Bonchester Bridge	13033001:	1 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	_	Flood forecasting; Flood	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.		2016 - 2022	Existing	13033	Reduce overall flood risk
13 13/13	Bonchester Bridge	13033001:	3 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. Scottish Borders Council will raise awareness as required and assist responsible authorities in any awarness raising activities they undertake. 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 authoriti	Planning policies; Strategic mapping and modelling; Maintenance: Self help: Flood	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 13/13	Bonchester Bridge	13033001	4 Emergency 9 plans/response	Applies across Tweed Local Plan District	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. 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	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 (Bunker) at Scottish Borders Council. 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.	This action is funded through multiple funding arrangements from a number of agencies.	2016 - 2022	Existing	13033	Reduce overall flood risk

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Summary of economic impact	Summary of social impact	Summary of environmental impact