

Draft Delivery Plan for Consultation

Newcastleton (Potentially Vulnerable Area 14/03)

Action	Action ID	Description	Status and Timing	Funding	Responsibility
ONGOING AND CONFIRMED ACTIONS. Actions that are either underway or where the funding has been confirmed for 2016-2021.					
Land use planning.	-	Application of national and local planning policies including objectives and actions Local Plan District development plan.	Ongoing.	Scottish Borders Council's revenue budget.	Scottish Borders Council.
Self help / awareness raising.	-	Self help actions (individuals taking action to protect themselves and their property against flooding) can be undertaken by any individuals, businesses, organisations or communities at risk of flooding. They are applicable to all sources and probabilities of flooding. They focus on awareness and understanding of the flood risk.	Ongoing.	Individuals, businesses, organisations and communities. SEPA. Scottish Borders Council's revenue and capital budgets.	Individuals, businesses, organisations and communities. SEPA (awareness raising, flood warnings). Scottish Borders Council (awareness raising, flood warnings, subsidised flood products scheme and resilient communities groups).
Emergency planning.	-	Emergency response plans are applicable for all sources of flooding. They set out the steps to be taken during a flood event	Ongoing.	Scottish Borders Council's revenue budget.	Scottish Borders Council.

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		to maximise safety and minimise impacts where possible.			
Watercourse clearance and repair.		Watercourse clearance and repair can prevent debris accumulating within channels, which may otherwise result in increased flood risk. This can be undertaken as a regular planned activity or in response to a flood event.	Ongoing.	Scottish Borders Council's revenue budget where responsibility for clearance and repair lies with the Local Authority and works will substantially reduce flood risk.	Scottish Borders Council and Riparian Owners.
Property level protection.	140031700	<i>Property level protection can reduce flood impact by restricting water entering a property, or using construction techniques which are resilient to flood water. It is most beneficial for flood depths less than 0.6m in areas of high probability flooding.</i>	Scottish Borders Council operates a subsidised flood products scheme to assist property owners to implement property level protection where this will reduce flood risk. The effectiveness of property level protection is dependent on availability of flood warnings. Ongoing.	Scottish Borders Council's capital budget.	Property Owner.

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Flood warning schemes.	140031800	<i>Flood warning actions enable people and organisations to prepare for an event. They enable the risk of the event to be reduced by moving people / possessions out of the floodplain and by placing temporary barriers to reduce flooding impacts.</i>	There is a SEPA river flood warning scheme in place for Newcastleton. Ongoing.	SEPA.	SEPA.
Maintain Newcastleton flood warning scheme.	140403631810	This action has been identified for all existing flood warning schemes. It will be appropriate where the existing scheme meets the needs of the local community.	Ongoing.	The maintenance of SEPA's flood warning service is funded by Scottish Government through SEPA's grant in aid settlement. In addition, the Government provide grant funding to enable SEPA to implement new flood warning schemes.	SEPA.
Newcastleton covered by a surface water management plan.	14037238	The area must be covered by a surface water management plan or plans that set objectives for the management of surface water flood risk and identify the most	Ongoing. Recommended actions agreed by all partners identified by 2019.	Scottish Borders Council's revenue budget.	Scottish Borders Council.

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		sustainable actions to achieve the objectives.			
Maintenance of existing Newcastleton Drainage Improvement Scheme Phase 1.	-	Existing surface water relief sewer in South Hermitage Street in Newcastleton provides flood protection to residential and non-residential properties.	Ongoing.	Scottish Borders Council's revenue budget.	Scottish Borders Council.
Section 16 Assessment of the risk of flooding from sewerage systems.	-	Scottish Water to undertake an assessment identifying where in Newcastleton it considers a flood is likely to originate from its sewerage system and estimating the volume of sewerage which is likely to be released in the event of such flood.	Scottish Water to undertake the Section 16 Assessment in the period 1 April 2015 to 31 March 2021.	Scottish Water.	Scottish Water.

POTENTIAL ACTIONS. The actions below are being consulted upon to support the process of identifying preferred actions. Preferred actions may not be able to be implemented during the period 2016-2021 due to project lead-in times and / or funding constraints.

Relocation of properties/infrastructure away from flood risk areas.	140030200	<i>Relocation of properties or infrastructure, currently at risk of flooding, away from the flood risk area may be applicable in locations where frequent flooding is expected to a limited area that may be otherwise</i>	This is a shorted listed potential action which will be subject to further appraisal. If the action is identified as a priority, the delivery and timing will be depending on the	Scottish Borders Council's capital budget and Scottish Government's capital budget.	Scottish Borders Council.
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		<i>difficult or uneconomical to protect.</i>	funding settlement from Scottish Government. There is currently no provision in Scottish Borders Council's capital plan to 2024/25.		
Runoff Control.	140030500	<p>There are a number of areas upstream of Newcastleton which have the potential to be used for runoff control to both the Liddel Water and Black Burn. This could offer a reduction in flooding in Newcastleton.</p> <p><i>Runoff control actions look to enhance the natural catchment ability to capture and slow runoff water reaching the receiving watercourses. These actions often experience the greatest benefits in areas of high probability flooding.</i></p>	<p>This is a shorted listed potential action which will be subject to further appraisal. If the action is identified as a priority, the delivery and timing will be depending on the funding settlement from Scottish Government. There is currently no provision in Scottish Borders Council's capital plan to 2024/25.</p>	Scottish Borders Council's capital budget and Scottish Government's capital budget.	Scottish Borders Council.
River or floodplain restoration.	140030600	There are stretches of the Liddel Water, both upstream and within	This is a shorted listed potential action which will be subject to	Scottish Borders Council's capital budget and Scottish	Scottish Borders Council.

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		<p>Newcastleton, which have the potential for river/floodplain restoration actions. This could offer a reduction in flooding in Newcastleton.</p> <p><i>Restoring the river corridor to a more natural state aims to enhance the capacity of the floodplain to hold back water which can reduce the risk of flooding downstream.</i></p>	<p>further appraisal. If the action is identified as a priority, the delivery and timing will be depending on the funding settlement from Scottish Government. There is currently no provision in Scottish Borders Council's capital plan to 2024/25.</p>	<p>Government's capital budget.</p>	
<p>Construction of Direct flood Defences.</p>	<p>140031400</p>	<p>Within Newcastleton there is the potential to construct direct flood defences adjacent to the Liddel Water to protect properties from flooding. High walls are not acceptable to local residents so a limited amount of work may be possible to protect to a lower level. This could offer a reduction in flooding in Newcastleton.</p> <p><i>Direct defence actions aim to reduce the risk of</i></p>	<p>This is a shorted listed potential action which will be subject to further appraisal. If the action is identified as a priority, the delivery and timing will be depending on the funding settlement from Scottish Government. There is currently no provision in Scottish Borders Council's capital plan to 2024/25.</p>	<p>Scottish Borders Council's capital budget and Scottish Government's capital budget.</p>	<p>Scottish Borders Council.</p>

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		<i>flooding by placing a designed barrier between the flooding source and the receptors at flood risk.</i>			
Modelling and other assessments to improve knowledge of flood hazards and impacts.	140032200	<i>Improved knowledge of the risks from different events helps to develop plans to avoid or mitigate future flooding to sensitive areas.</i>	A Flood Study for Newcastleton to be developed in 2019 and 2020.	Scottish Borders Council's revenue budget.	Scottish Borders Council.
Simplify Newcastleton flood warning scheme.	140403631830	This action has been identified because other structural actions are being considered in this area which may reduce the need for a detailed flood warning scheme.	Potential actions are drawn from a short list of options that are undergoing further analysis in terms of their relative cost and benefit. The delivery and timing of those actions that are identified as being of priority are dependent on funding.	The maintenance of SEPA's flood warning service is funded by Scottish Government through SEPA's grant in aid settlement. In addition, the Government provide grant funding to enable SEPA to implement new flood warning schemes.	SEPA.
Construction of Newcastleton Drainage Improvement Scheme Phase 2.		Construction of a diversion channel to intercept flow from small burns discharging into the Lakes area of Newcastleton and to discharge this flow into new outfall channel.	This is a potential action which will be subject to further appraisal. If the action is identified as a priority, the delivery and timing will be depending on the	Scottish Borders Council's capital budget and Scottish Government's capital budget.	Scottish Borders Council.

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		Construction of new outfall channel from B6357 road to discharge into Liddel Water downstream of WWTW.	funding settlement from Scottish Government. There is currently no provision in Scottish Borders Council's capital plan to 2024/25.		
Construction of Newcastleton Drainage Improvement Scheme Phase 3.		Extension of Phase 1 surface water sewer in South Hermitage Street from Short Sike burn to discharge into outfall channel at B6357 to be constructed under Phase 2.	This is a potential action which will be subject to further appraisal. If the action is identified as a priority, the delivery and timing will be depending on the funding settlement from Scottish Government. There is currently no provision in Scottish Borders Council's capital plan to 2024/25.	Scottish Borders Council's capital budget and Scottish Government's capital budget.	Scottish Borders Council.