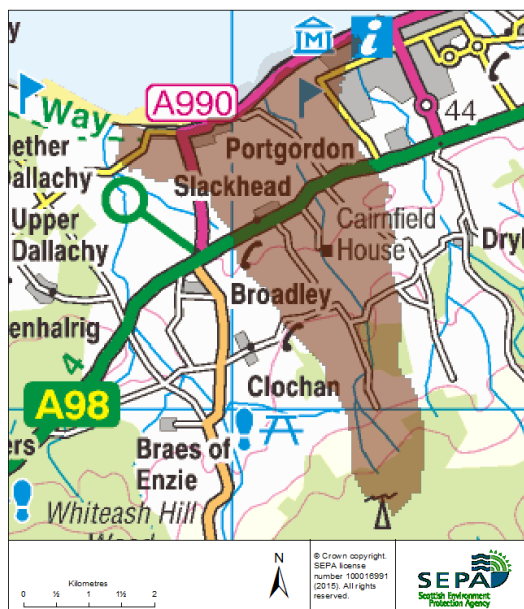


## Portgordon (Potentially Vulnerable Area 06/01)

Local Plan District	Local authority	Main catchment
North East	Moray Council	Banff Coast



### Summary of Progress for Portgordon

There are fewer than 10 residential and non-residential properties at risk of flooding in this PVA. The Annual Average Damages are approximately £8,500. The majority of these damages are attributed to surface water flooding, however, it is recognised that wave overtopping causes flooding to a number of properties in Portgordon and Buckie.

Since the NELFRMP was published in May 2016, a flood protection study has been undertaken for Portgordon. The findings of this study will be taken forward for consideration in the NELFRMP for Cycle 2. A high level Surface Water Management Plan has been undertaken for Moray, in which Buckie is a priority area. Any actions to mitigate flooding identified in this Plan will be taken forward for consideration in Cycle 2.

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## Overview of actions to manage flooding in Portgordon

PVA	Flood protections scheme/works	Natural flood management works	New flood warning	Flood protection study	Natural flood management study	Surface water plan/study	Strategic mapping and modelling	Maintain flood protection scheme*	Maintain flood warning	Flood forecasting	Property level protection scheme	Community flood action groups	Self help	Awareness raising	Maintenance	Site protection plans	Emergency plans/response	Planning policies
06/01				X		X	X		X	X			X	X	X		X	X

## Summary of progress of actions to manage flood risk in Portgordon (PVA 06/01)

Action	Status (Red; Amber; Green)	Description	Delivery Lead	Planned Dates	Progress in Delivery, including key deliverables and dates	Revised dates and planned actions to complete / address delay
<b>Flood protection study</b>	<b>G</b>	Flood study for Portgordon to investigate coastal flooding, including wave action.	Moray Council	2019	The flood study for Portgordon is complete.	No further action required.
<b>Surface water plan/study</b>	<b>G</b>	Surface Water Management Plan for the Portgordon/Buckie area will be developed by Moray Council.	Moray Council	2019	A high level Surface Water Management Plan was completed in 2017.	Additional investigation will be undertaken in identified hotspots.
<b>Strategic mapping and modelling</b>	<b>A</b>	SEPA will be seeking to develop the flood hazard mapping in the Banff to Lossiemouth area to improve understanding of the coastal flood	SEPA	2018	Following the establishment of a coastal flood hazard map development framework	It is intended to complete this action in 2019.

		risk.			<p>and characterisation of the coastline, several projects are currently underway at this location:</p> <ul style="list-style-type: none"> <li>• Development of a national coastal joint probability dataset;</li> <li>• Update to the UK design extreme sea level dataset;</li> <li>• Coastal modelling and mapping project for north-east Scotland.</li> </ul> <p>These projects will collectively enable the revision of flood mapping for the coastline from Scrabster to Arbroath including the Orkney Islands.</p>	
<b>Strategic mapping and modelling</b>	<b>G</b>	Scottish Water will undertake modelling of the Buckie sewer catchment.	Scottish Water	2019	The Scottish Water assessment of flood risk within the sewer catchment has been completed. The assessment helps to improve knowledge and understanding of surface water flood risk	Not Applicable.
<b>Maintain flood</b>	<b>G</b>	SEPA will Continue to maintain the	SEPA	Ongoing	SEPA has continued to	SEPA will continue to

<b>warning</b>		'Portgordon to Cullen' flood warning area which is part of the Moray Firth coastal flood warning scheme			operate the flood warning service	operate the flood warning service.
<b>Flood forecasting</b>	<b>G</b>	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.	SEPA	Ongoing	SEPA continues to provide flood forecasting.	
<b>Self help</b>	<b>A</b>	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.	Property owners	Ongoing	SEPA continues to assist members of the public to sign up to Floodline.  Moray Council has not received any requests for assistance from property owners in this area.	
<b>Awareness raising</b>	<b>G</b>	Moray Council will seek opportunities to raise awareness of flood risk and actions that prepare individuals, homes and businesses as described in	Responsible Authorities	Ongoing	SEPA's principle awareness raising approaches have been through: 1. Direct campaigning and	SEPA will continue to raise awareness of flood risk through direct campaigning, general awareness raising,

		the Act.			<p>general awareness raising. 2. Education and tools. 3. Partnership delivery development.</p> <p>Moray Council has consulted with the public in relation to the Portgordon Flood Protection Study.</p>	<p>developing education and engagement tools, creating new partnerships and improving its flood forecasting and warning services (e.g. Scottish Flood Forecasting Service and Floodline). This will continue with many of the actions reported for the interim progress summary. Further information is contained within SEPA's Flood Warning Development Framework, published in 2017 and for the period 2017 to 2021.</p> <p>Raising Awareness will form part of each of the 3 key themes identified:</p> <ul style="list-style-type: none"> <li>• Aim 1: Maintenance of existing and delivery of new flood warning schemes.</li> <li>• Aim 2: Development and innovation.</li> <li>• Aim 3: Engagement with partners and customers.</li> </ul> <p>Moray Council will undertake additional awareness raising activities</p>
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						as and when required.
<b>Maintenance</b>	<b>G</b>	Local authorities have a duty to assess watercourses and carry out clearance and repair works where such works would substantially reduce flood risk. Moray Council has a schedule of clearance and repair, which identifies routine maintenance and repairs to address areas known to be at risk of flooding.	Moray Council, asset / land managers	Ongoing	Moray Council inspects flood management assets within its region according to an inspection schedule. This schedule is reviewed annually to ensure resources are targeted at the areas at greatest risk.	Moray Council will continue with its programme of clearance and repair work, which is reviewed annually.
<b>Emergency plans/response</b>	<b>G</b>	Providing an emergency response to flooding is the responsibility of many organisations, including local authorities, the emergency services and SEPA.	Category 1 and 2 Responders	Ongoing	SEPA continues to support emergency planning.  Moray Council Emergency Planners have in place and maintain Emergency Plans for all contingencies	Moray Council's emergency plan is reviewed and updated when required.
<b>Planning Policy</b>	<b>G</b>	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.	Planning Authority	Ongoing	Moray Council, as a Planning Authority, ensures that new developments satisfy relevant guidance and policies on flooding and drainage.	Continue to consider flood risk when determining planning applications. Ensure final version of emerging 2020 Local Plan maintains robust policy to avoid new development in areas that are at risk of flooding or would increase flood risk elsewhere, and encourages the most sustainable approach to managing surface water.

- **GREEN** – Action has been delivered or is on time and cost;
- **AMBER** – Action delayed or above cost but will be delivered with Plan cycle
- **RED** – Action delayed or above cost and at risk of not being delivered with Plan cycle

## Newmill (Potentially Vulnerable Area 06/06)

Local Plan District	Local authority	Main catchment
North East	Moray Council	River Deveron



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### Summary of Progress for Newmill

There are approximately 13 residential and fewer than 10 non-residential properties at risk of flooding. The Annual Average Damages are approximately £24,000. These damages are evenly distributed between surface water and river flooding.

Since the NELFRMP was published in May 2016, a flood protection scheme for Newmill has been constructed and this scheme is now operational. This scheme provides protection from surface water runoff to eighteen properties that were previously at risk of flooding. A high level Surface Water Management Plan has been undertaken for Moray, in which Keith is a priority area. Any actions to mitigate flooding identified in this plan will be taken forward for consideration in Cycle 2.



## Overview of actions to manage flooding in Newmill

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

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

Action	Status (Red; Amber; Green)	Description	Delivery Lead	Planned Dates	Progress in Delivery, including key deliverables and dates	Revised dates and planned actions to complete / address delay
<b>Flood protection Scheme</b>	<b>G</b>	Moray Council will construct a flood protection scheme in Newmill to address surface water flooding issues. The scheme includes a network of ditches, a cascade, flood walls and a replacement bridge.	Moray Council	2016 - 2021	The Newmill Flood Protection Scheme was completed in December 2016 and is now operational.	No further action required.
<b>Surface water plan/study</b>	<b>G</b>	Moray Council is developing a Surface Water Management Plan for the Keith/Newmill area.	Moray Council	2019	Moray Council completed a Surface Water Management Plan for Keith / Newmill in 2017.	Actions identified in the Surface Water Management Plan will be taken forward for inclusion in the LFRMP for Cycle 2.

<b>Strategic mapping and modelling</b>	<b>G</b>	Scottish Water will undertake modelling of the Keith sewer catchment.	Scottish Water	2020	The Scottish Water assessment of flood risk within the sewer catchment has started. The assessment will improve knowledge and understanding of surface water flood risk.	On track to deliver within agreed LFRMP timescales.
<b>Maintain Flood Protection Scheme</b>	<b>G</b>	Moray Council will continue to maintain the Newmill Flood Protection Scheme, including Phase 2, once completed.	Moray Council	Ongoing	Moray Council has continued to maintain the Newmill Flood Protection Scheme. Phase 2 was included in January 2017.	Moray Council will continue to maintain this scheme.
<b>Maintain flood warning</b>	<b>G</b>	SEPA will continue to maintain the 'Keith' flood warning area which is on the River Isla and forms part of the Deveron River flood warning scheme	SEPA	Ongoing	SEPA has continued to operate the flood warning service	SEPA will continue to operate the flood warning service.
<b>Flood forecasting</b>	<b>G</b>	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.	SEPA	Ongoing	SEPA continues to provide flood forecasting.	
<b>Community Flood Action Group</b>	<b>G</b>	Newmill Community Association has worked with Moray Council, and	Community	Ongoing	Newmill Community Association and Moray	<b>Moray Council will continue to work with this group on</b>

		tenants to reduce the impact of surface water flooding.			Council worked together to keep local residents informed during the construction of the Newmill Flood Protection Scheme	<b>request.</b>
<b>Self help</b>	<b>A</b>	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.	-Property owners	Ongoing	SEPA continues to assist members of the public to sign up to Floodline.  Moray Council has not received any requests for assistance from property owners in this area.	
<b>Awareness raising</b>	<b>G</b>	Moray Council will seek opportunities to raise awareness of flood risk and actions that prepare individuals, homes and businesses as described in the Act.	Responsible Authorities	Ongoing	SEPA's principle awareness raising approaches have been through: 1. Direct campaigning and general awareness raising. 2. Education and tools. 3. Partnership delivery development.  Newmill Community Association and Moray Council worked together to keep local residents	SEPA will continue to raise awareness of flood risk through direct campaigning, general awareness raising, developing education and engagement tools, creating new partnerships and improving its flood forecasting and warning services (e.g. Scottish Flood Forecasting Service and Floodline). This will continue with many of the

					informed during the construction of the Newmill Flood Protection Scheme	<p>actions reported for the interim progress summary. Further information is contained within SEPA's Flood Warning Development Framework, published in 2017 and for the period 2017 to 2021.</p> <p>Raising Awareness will form part of each of the 3 key themes identified:</p> <ul style="list-style-type: none"> <li>• Aim 1: Maintenance of existing and delivery of new flood warning schemes.</li> <li>• Aim 2: Development and innovation.</li> <li>• Aim 3: Engagement with partners and customers.</li> </ul> <p>Moray Council will undertake additional awareness raising activities as and when required.</p>
<b>Maintenance</b>	<b>G</b>	Local authorities have a duty to assess watercourses and carry out clearance and repair works where such works would substantially reduce flood risk. Moray Council has a schedule of clearance and repair, which identifies routine maintenance and repairs to address areas known to be at risk of	Moray Council, asset / land managers	Ongoing	Moray Council inspects flood management assets within its region according to an inspection schedule. This schedule is reviewed annually to ensure resources are targeted at the areas at greatest risk.	Moray Council will continue with its programme of clearance and repair work, which is reviewed annually.

		flooding.				
<b>Emergency plans/response</b>	<b>G</b>	Providing an emergency response to flooding is the responsibility of many organisations, including local authorities, the emergency services and SEPA.	Category 1 and 2 Responders	Ongoing	SEPA continues to support emergency planning.  Moray Council Emergency Planners have in place and maintain Emergency Plans for all contingencies	Moray Council's emergency plan is reviewed and updated when required.
<b>Planning Policy</b>	<b>G</b>	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.	Planning Authority	Ongoing	Moray Council, as a Planning Authority, ensures that new developments satisfy relevant guidance and policies on flooding and drainage.	Continue to consider flood risk when determining planning applications. Ensure final version of emerging 2020 Local Plan maintains robust policy to avoid new development in areas that are at risk of flooding or would increase flood risk elsewhere, and encourages the most sustainable approach to managing surface water.

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