

Assessment of Progress

This section sets out an assessment of the progress towards implementing the actions set out in the North East Local Plan District – Local Flood Risk Management Plan.

There are actions that apply across the whole of the NELPD and actions that are specific to each of the 23 Potentially Vulnerable Areas (as defined under Section 13 of the Act) in the North East LPD, which are shown below in Figure 1.



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

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

A progress summary of the actions set out in the Plan is shown overleaf in Figure 2. Progress is shown using a traffic light system based on data collected during February 2022, where each item is marked as Red, Amber or Green (RAG) to describe the status of the action as follows:

Green – Action has been completed.

Amber – Action has commenced but has not progressed as far as envisaged in the Plan.

Red – Action has not commenced.

The distribution of actions by Potentially Vulnerable Area is shown in Table 4. Further detail on specific actions can be found in the relevant Potentially Vulnerable Area section within Chapter 5.

*Note: N/A is used where there is no formal Flood Protection Scheme or flood warning scheme present.

APPENDIX 1

PVA	Flood protections scheme/work	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 Portgordon				G		G	A		G	G			A	G	G		G	G
06/02 Portsoy							G			G			G	G	G		G	G
06/03 Banff							A		G	G			G	G	G		G	G
06/04 Macduff							A		G	G			G	G	G		G	G
06/05 Fraserburgh and Rosehearty						A	R		G	G			G	G	G		G	G
06/06 Newmill	G					G	G	G	G	G		G	A	G	G		G	G
06/07 Turriff							G		G	G			G	G	G		G	G
06/08 Peterhead			G			A	G			G			G	G	G		G	G
06/09 Methlick										G			G	G	G		G	G
06/10 Huntly	G					A	G	G	G	G			G	G	G		G	G
06/11 Inch				G			R			G			G	G	G		G	G
06/12 Ellon				G			G			G			G	G	G		G	G
06/13 Inverurie and Kintore				G		A	A		G	G			G	G	G		G	G
06/14 Heugh-head										G			G	G	G	A	G	G
06/15 Bridge of Don			G	A		A	A		G	G	G		G	G	G		G	G
06/16 Denmore				G		A	G	G		G	G		G	G	G		G	G
06/17 Westhill						A	G			G			G	G	G		G	G
06/18 Deeside			G	A		A	G	G	G	G	G	A	G	G	G		G	G
06/19 Peterculter	A				G	A	G			G	G		G	G	G		G	G
06/20 Aboyne						A	G		G	G			G	G	G		G	G
06/21 Banchory and Torphins							G		G	G			G	G	G		G	G
06/22 Ballater				G			G		G	G		G	G	G	G		G	G
06/23 Stonehaven	A		G	G		A	G	G	G	G		G	G	G	G		G	G

1 Progress with PVA-specific Actions

This chapter is focused on the actions being taken to manage flood risk in the Potentially Vulnerable Areas. For each Potentially Vulnerable Area, background information including a summary of flood impacts and the actions to manage flooding is presented. Additional information on flooding within each Potentially Vulnerable Area is available within the North East Flood Risk Management Strategy, available on the SEPA website here - <http://apps.sepa.org.uk/FRMStrategies/>

The background information sets the scene for the planned actions to manage flooding that have been prioritised for delivery between 2016 and 2022. The Potentially Vulnerable Area level action tables set out the flood management objective that is to be achieved, provide a description of the action, identify who will be responsible for the delivery and implementation and a timetable of when the actions will be undertaken. The Local Plan District wide actions noted in Section 4 apply to all Potentially Vulnerable Areas.

This information is provided for each of the 23 Potentially Vulnerable Areas (in cycle 1). Each Potentially Vulnerable Area has a separate sub-section with each sub-section following the same format.

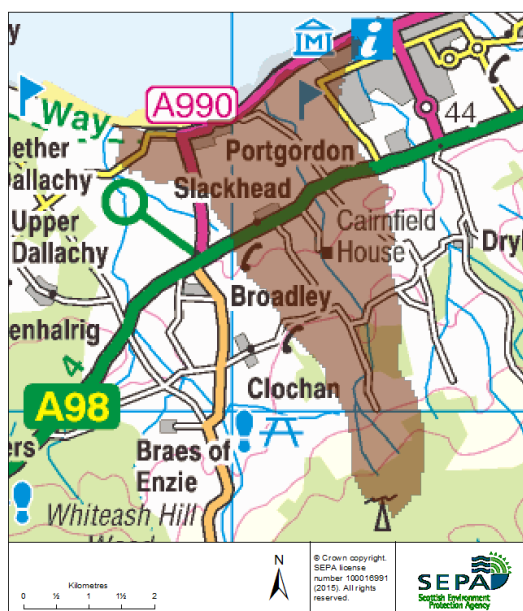
The flood management objectives are the shared aims for managing flooding. Actions describe where and how flood risk will be managed. Objectives and actions have been set by SEPA and agreed by the flood risk management responsible authorities following consultation.

Many organisations, such as Scottish Water and energy companies, actively maintain and manage their own assets including the risk from flooding. Where known, these actions are described here. Scottish Natural Heritage and Historic Environment Scotland work with site owners to manage flooding where appropriate at designated environmental and/or cultural heritage sites. These actions are not detailed further in the Local Flood Risk Management Plan.

1.1 North East Plan District

- 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.

Further information can be found in NELFRMP under PVA 06/01.

https://www.aberdeenshire.gov.uk/media/17347/pva-06_01-portgordon.pdf

Key progress:

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

© Crown copyright. SEPA licence number 100016991 (2015). All rights reserved.
 Reproduced from North East Flood Risk Management Strategy, SEPA (December 2015)

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				G		G	A		G	G			A	G	G		G	G

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	Future Actions
Flood protection study	G	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.
Surface water plan/study	G	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.
Strategic mapping and modelling	A	SEPA will be seeking to develop the flood hazard mapping in the Banff to Lossiemouth area to improve understanding of the coastal flood risk.	SEPA	2018	Following the establishment of a coastal flood hazard map development framework and characterisation of the coastline, several projects are	It is intended to complete this action in 2019.

					<p>currently underway at this location:</p> <ul style="list-style-type: none"> • Development of a national coastal joint probability dataset; • Update to the UK design extreme sea level dataset; • Coastal modelling and mapping project for north-east Scotland. <p>These projects will collectively enable the revision of flood mapping for the coastline from Scrabster to Arbroath including the Orkney Islands.</p>	
Strategic mapping and modelling	G	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	
Maintain flood warning	G	SEPA will Continue to maintain the 'Portgordon to Cullen' flood warning area which is part of the Moray Firth coastal flood warning scheme	SEPA	Ongoing	SEPA has continued to operate the flood warning service	SEPA will continue to operate the flood warning service.
Flood forecasting	G	The Scottish Flood Forecasting Service is a joint initiative between SEPA and the Met Office that produces daily, national flood	SEPA	Ongoing	SEPA continues to provide flood forecasting.	

APPENDIX 1

		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.				
Self help	A	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.	Moray Council has not received any requests for assistance from property owners in this area.
Awareness raising	G	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. Moray Council has consulted with the public in relation to	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

APPENDIX 1

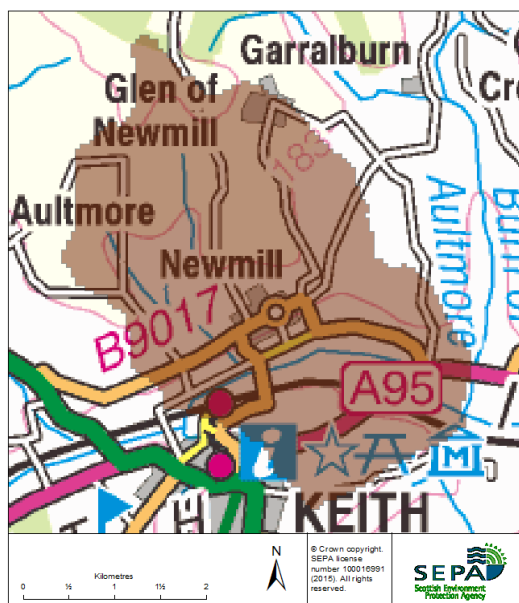
					the Portgordon Flood Protection Study.	<p>Floodline). This will continue with many of the actions reported for the interim progress summary. Further information is contained within SEPA's Flood Warning Development Framework, published in 2017 and for the period 2017 to 2021.</p> <p>Raising Awareness will form part of each of the 3 key themes identified:</p> <ul style="list-style-type: none"> • Aim 1: Maintenance of existing and delivery of new flood warning schemes. • Aim 2: Development and innovation. • Aim 3: Engagement with partners and customers. <p>Moray Council will undertake additional awareness raising activities as and when required.</p>
Maintenance	G	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	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	Moray Council will continue with its programme of clearance and repair work, which is reviewed annually.

APPENDIX 1

		maintenance and repairs to address areas known to be at risk of flooding.			targeted at the areas at greatest risk.	
Emergency plans/response	G	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.
Planning Policy	G	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.

- Newmill (Potentially Vulnerable Area 06/06)

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



© Crown copyright. SEPA licence number 100016991 (2015). All rights reserved.
 Reproduced from North East Flood Risk Management Strategy, SEPA (December 2015)

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.

Further information can be found in NELFRMP under PVA 06/06.

https://www.aberdeenshire.gov.uk/media/17341/pva-06_06-newmill.pdf

Key progress:

- Moray Council have continued to main the flood scheme including ditch clearance and sediment clearance

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	G					G	G	G	G	G		G	A	G	G		G	G

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
Flood protection Scheme	G	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.
Surface water plan/study	G	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

APPENDIX 1

						for inclusion in the LFRMP for Cycle 2.
Strategic mapping and modelling	G	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.
Maintain Flood Protection Scheme	G	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.
Maintain flood warning	G	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.
Flood forecasting	G	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.	

APPENDIX 1

Community Flood Action Group	G	Newmill Community Association has worked with Moray Council, and tenants to reduce the impact of surface water flooding.	Community	Ongoing	Newmill Community Association and Moray Council worked together to keep local residents informed during the construction of the Newmill Flood Protection Scheme	Moray Council will continue to work with this group on request.
Self help	A	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.	
Awareness raising	G	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

APPENDIX 1

					informed during the construction of the Newmill Flood Protection Scheme	<p>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"> • Aim 1: Maintenance of existing and delivery of new flood warning schemes. • Aim 2: Development and innovation. • Aim 3: Engagement with partners and customers. <p>Moray Council will undertake additional awareness raising activities as and when required.</p>
Maintenance	G	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	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.

APPENDIX 1

		maintenance and repairs to address areas known to be at risk of flooding.				
Emergency plans/response	G	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.
Planning Policy	G	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.