

# Forth Estuary Local Plan District (LPD 10)

Draft Flood Risk Management Strategy 2021-2027

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# Forth Estuary Local Plan District (LPD 10)

## Draft Flood Risk Management Strategy 2021-2027

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The Forth Estuary Local Plan District covers around 3,300km<sup>2</sup> and has a population of approximately 1.4 million people. It spans an area north and south of the Forth Estuary which is mostly low-lying and urbanised, and includes part of Scotland's Central Belt. The Local Plan District has 380km of coastline that includes Fife Ness, the Firth of Forth and the Berwickshire coast. Urban areas include the City of Edinburgh, Dunbar, Dunfermline, Eyemouth, Falkirk, Glenrothes, Kinross, Kirkcaldy and Livingston.

There are large areas of agricultural land, with more natural grasslands and forest to the south and west. A number of lochs and reservoirs are present including Loch Leven and Loch Ore in the north and the Carron Valley Reservoir in the west. Gladhouse Reservoir and the reservoirs of the Pentland Hills are in the south of the Local Plan District. The main rivers include the River Tyne, River Esk, Water of Leith, River Almond, River Leven and River Carron.

There is river, surface water and coastal flood risk. A number of large floods have affected this Local Plan District. In the summer of 2019 heavy rainfall led to a series of surface water floods in towns across the area. In February 2020, heavy rainfall resulted in significant flooding of a number of residential and commercial properties in Kinross from the South Quiech and surface water flooding. Recent flooding occurred in many locations in August 2020 due to high intensity rainfall.

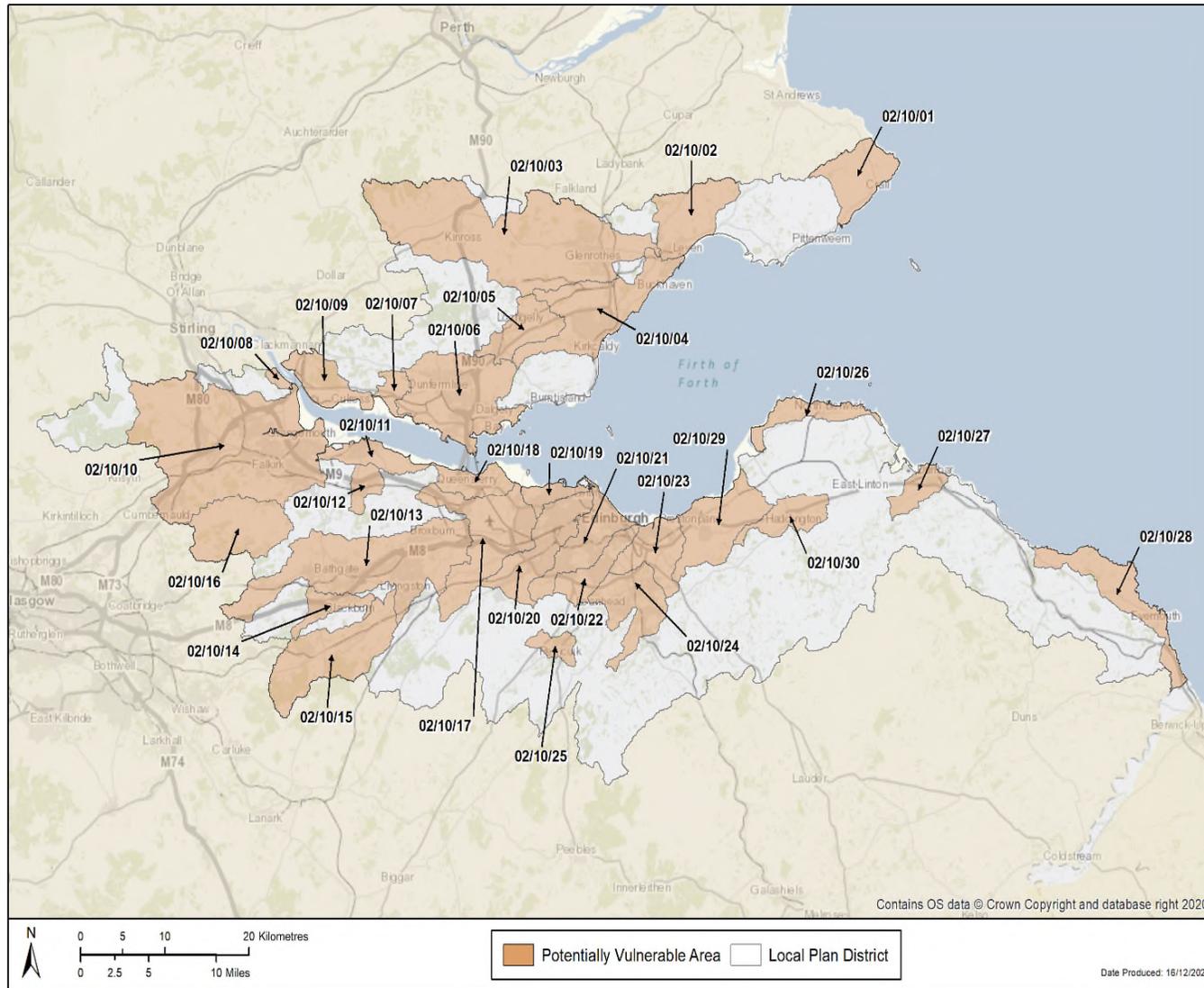
Currently it is estimated that there are around 115,000 people and 65,000 homes and businesses at risk from flooding. This may increase to 160,000 people and 89,000 homes and businesses by the 2080s due to climate change. The expected annual cost of flooding over a long period of time is around £44.4 million.

SEPA lead development of the Flood Risk Management Strategies for Scotland and delivery of flood warning services. Local flood risk management planning for the Forth

Estuary Local Plan District is led by Falkirk Council, who are the lead local authority. Other responsible authorities include 11 other local authorities and Scottish Water. They are supported by Scottish Government agencies including Forestry and Land Scotland, Scottish Forestry and Transport Scotland.

Within this Local Plan District, actions are regularly carried out by SEPA and responsible authorities to help prepare communities for potential flooding and reduce the impact of any flooding that does occur. More information on these actions will be added to this section for 22 March 2021.

Potentially Vulnerable Areas (PVA) were designation in 2018 based on the potential current or future risk from all sources of flooding. This designation was informed by the National Flood Risk Assessment ([link](#)). As part of continued analysis of flood risk, the National Flood Risk Assessment and PVAs will be reviewed every six years to take on board any new information. There are 30 PVAs in this Local Plan District. Following sections provide more information on these area



**Figure 1. Potentially Vulnerable Areas in Forth Estuary Local Plan District**

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Click the [blue text](#) to select your area of interest

PVA Ref	PVA NAME	Local Authority
02/10/01	<a href="#">Crail</a>	Fife
02/10/02	<a href="#">Leven and Lower Largo</a>	Fife
02/10/03	<a href="#">Kinross, Milnathort and Glenrothes</a>	Fife, Perth & Kinross
02/10/04	<a href="#">Kirkcaldy</a>	Fife
02/10/05	<a href="#">Cardenden and Cowdenbeath</a>	Fife
02/10/06	<a href="#">Inverkeithing, Rosyth and Dunfermline</a>	Fife
02/10/07	<a href="#">Cairneyhill</a>	Fife
02/10/08	<a href="#">Airth</a>	Falkirk
02/10/09	<a href="#">Kincardine and Culross</a>	Fife
02/10/10	<a href="#">Falkirk and Grangemouth</a>	Falkirk, North Lanarkshire
02/10/11	<a href="#">Bo'ness</a>	Falkirk
02/10/12	<a href="#">Linlithgow</a>	West Lothian
02/10/13	<a href="#">Livingston, Broxburn and Bathgate</a>	West Lothian
02/10/14	<a href="#">Whitburn</a>	West Lothian
02/10/15	<a href="#">West Calder and Fauldhouse</a>	West Lothian
02/10/16	<a href="#">Slamannan</a>	Falkirk
02/10/17	<a href="#">Edinburgh West</a>	City of Edinburgh

<b>PVA Ref</b>	<b>PVA NAME</b>	<b>Local Authority</b>
02/10/18	<a href="#">South Queensferry</a>	City of Edinburgh
02/10/19	<a href="#">Edinburgh North</a>	City of Edinburgh
02/10/20	<a href="#">Edinburgh, Water of Leith</a>	City of Edinburgh
02/10/21	<a href="#">Edinburgh, Braid Burn</a>	City of Edinburgh
02/10/22	<a href="#">Edinburgh, Niddrie Burn and Burdiehouse</a>	City of Edinburgh, Midlothian
02/10/23	<a href="#">Musselburgh</a>	East Lothian, Midlothian
02/10/24	<a href="#">Dalkeith, Lasswade and Newtongrange</a>	Midlothian
02/10/25	<a href="#">Penicuik</a>	Midlothian
02/10/26	<a href="#">North Berwick</a>	East Lothian
02/10/27	<a href="#">Dunbar and West Barns</a>	East Lothian
02/10/28	<a href="#">Berwickshire Coast</a>	Scottish Borders
02/10/29	<a href="#">Cockenzie, Port Seton, Longniddry and Prestonpans</a>	East Lothian
02/10/30	<a href="#">Haddington</a>	East Lothian

## 02/10/01 (Crail)

This area is designated as a Potentially Vulnerable Area due to flood risk to Crail. The main source of flood risk is considered to be the Crail Burn. It should be noted that there is currently low confidence in flood risk data for this area.

There is 1 area in this PVA, which has been the focus of further assessment, this is identified below. Further information on the proposed objectives and actions to manage flood risk within this area will be provided in Phase 2 of the consultation (launching on 22nd March 2021).

### List of target areas

Crail (Target Area 216)

## 02/10/02 (Leven and Lower Largo)

This area is designated as a Potentially Vulnerable Area due to flood risk to Leven and Lower Largo. The main source of flooding is surface water, along with river flood risk from the River Leven and other watercourses, sometimes in combination with high tides. There is a history of flooding in this area, with records of flooding to properties, road closures and damage to some infrastructure in Leven.

There are 2 areas in this PVA, which have been the focus of further assessment, these are listed below. Further information on the proposed objectives and actions to manage flood risk within this area will be provided in Phase 2 of the consultation (launching on 22nd March 2021).

### List of target areas

Leven (Target Area 244)  
Lower Largo and Lundin Links (Target Area 298)

## 02/10/03 (Kinross, Milnathort and Glenrothes)

This area is designated as a Potentially Vulnerable Area due to flood risk to Glenrothes, Kinglassie, Kinross, Markinch and Milnathort. The main source of flooding is surface water and river flooding from the River Leven and its tributaries, the South Queich, Gelly Burn and Clash Burn. There is a long history of flooding in this area, with recent flooding caused by surface water and River South Quick in Kinross.

There are 3 areas in this PVA, which have been the focus of further assessment, these are listed below. Further information on the proposed objectives and actions to manage flood risk within this area will be provided in Phase 2 of the consultation (launching on 22nd March 2021).

### List of target areas

Glenrothes, Kinglassie and Markinch	(Target Area 231)
Kinross	(Target Area 239)
Milnathort	(Target Area 303)

## 02/10/04 (Kirkcaldy)

This area is designated as a Potentially Vulnerable Area due to flood risk in Buckhaven, East Wemyss, Kirkcaldy and Methil from river, coastal and surface water. There is a long history of flooding in this area, with recent coastal flooding causing flooding of roads and parking and damage to the sea wall.

There are 3 areas in this PVA, which have been the focus of further assessment, these are listed below. Further information on the proposed objectives and actions to manage flood risk within this area will be provided in Phase 2 of the consultation (launching on 22nd March 2021).

### List of target areas

East Wemyss	(Target Area 226)
Kirkcaldy	(Target Area 240)
Methil and Buckhaven	(Target Area 302)

## 02/10/05 (Cardenden and Cowdenbeath)

This area is designated as a Potentially Vulnerable Area due to flood risk at Cardenden and Cowdenbeath. The main source of flooding is surface water and river flooding from the River Ore and its tributaries. There have been a number of reports of river and surface water floods affecting these communities, including recent floods in August 2020 from the River Den.

There are 2 areas in this PVA, which have been the focus of further assessment, these are listed below. Further information on the proposed objectives and actions to manage flood risk within this area will be provided in Phase 2 of the consultation (launching on 22nd March 2021).

### List of target areas

Cardenden and Auchterderran	(Target Area 209)
Cowdenbeath	(Target Area 215)

## 02/10/06 (Inverkeithing, Rosyth and Dunfermline)

This area is designated as a Potentially Vulnerable Area due to flood risk to Crossford, Dunfermline, Inverkeithing and Rosyth from coastal, river, and surface water flooding. The main risk comes from surface water and river flooding. There is a long history of flooding in this area, with recent surface water flooding affecting homes and roads across this area in August 2019, and further surface water flooding in Rosyth in January 2020.

There are 4 areas in this PVA, which have been the focus of further assessment, these are listed below. Further information on the proposed objectives and actions to manage flood risk within this area will be provided in Phase 2 of the consultation (launching on 22nd March 2021).

### List of target areas

Crossford	(Target Area 217)
Dunfermline	(Target Area 224)
Inverkeithing	(Target Area 236)
Rosyth	(Target Area 312)

## 02/10/07 (Cairneyhill)

This area is designated as a Potentially Vulnerable Area due to flood risk to Cairneyhill and Torryburn from coastal, river and surface water. The main source of flooding in Cairneyhill is river flooding and surface water whilst in Torryburn the main source is coastal. There is a history of flooding in this area, particularly in Cairneyhill, including recent flooding of properties and roads from the Torry Burn.

There are 2 areas in this PVA, which have been the focus of further assessment, these are listed below. Further information on the proposed objectives and actions to manage flood risk within this area will be provided in Phase 2 of the consultation (launching on 22nd March 2021).

#### List of target areas

Cairneyhill	(Target Area 207)
Torryburn	(Target Area 318)

### 02/10/08 (Airth)

This area is designated as a Potentially Vulnerable Area due to coastal flood risk to the Airth area. Coastal flooding of land and damage to flood defences and the water treatment works has been recorded.

There is 1 area in this PVA, which has been the focus of further assessment, this is identified below. Further information on the proposed objectives and actions to manage flood risk within this area will be provided in Phase 2 of the consultation (launching on 22nd March 2021).

#### List of target areas

Airth	(Target Area 185)
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### 02/10/09 (Kincardine and Culross)

This area is designated as a Potentially Vulnerable Area due to flood risk to Kincardine and Culross. The main source of flooding is coastal from the Firth of Forth and surface water and there is also risk of river flooding in Kincardine. There are a few records of flooding in this area, with the most recent flooding occurring in Culross in 2019 and 2020 from surface water.

There are 2 areas in this PVA, which have been the focus of further assessment, these are listed below. Further information on the proposed objectives and actions to manage flood risk within this area will be provided in Phase 2 of the consultation (launching on 22nd March 2021).

#### List of target areas

Culross	(Target Area 234)
Kincardine	(Target Area 237)

## 02/10/10 (Falkirk and Grangemouth)

This area is designated as a Potentially Vulnerable Area due to flood risk to a number of communities, including Denny, Dunipace, Carron, Carronshore, Falkirk and Grangemouth. The main source of flood risk is river, coastal and surface water flooding. The main watercourses are the River Carron and Grange Burn and their tributaries, including the Westquarter Burn and Bonny Water. There is a long history of flooding from a variety of sources in this area, with recent surface water flooding to the railway line near Larbert causing travel disruption in January 2020. Coastal flooding to Grangemouth has also been recorded.

There are 8 areas in this PVA, which have been the focus of further assessment, these are listed below. Further information on the proposed objectives and actions to manage flood risk within this area will be provided in Phase 2 of the consultation (launching on 22nd March 2021).

### List of target areas

Bonnybridge	(Target Area 201)
Carron and Carronshore	(Target Area 211)
Denny and Dunipace	(Target Area 220)
Falkirk	(Target Area 228)
Grangemouth west	(Target Area 232)
Larbert and Stenhousemuir	(Target Area 243)
Cumbernauld east	(Target Area 286)
Polmont, Redding and Westquarter	(Target Area 308)

## 02/10/11 (Bo'ness)

This area is designated as a Potentially Vulnerable Area due to flood risk to Bo'ness and Grangemouth (east). The main source of flooding is coastal with flood risk in Grangemouth (east) also coming from the River Avon. Coastal flood protection measures protect Bo'ness from coastal flooding. There are some reports of flooding affecting this area.

There are 2 areas in this PVA, which have been the focus of further assessment, these are listed below. Further information on the proposed objectives and actions to manage flood risk within this area will be provided in Phase 2 of the consultation (launching on 22<sup>nd</sup> March 2021).

### List of target areas

Bo'ness	(Target Area 200)
Grangemouth east	(Target Area 262)

## 02/10/12 (Linlithgow)

This area is designated as a Potentially Vulnerable Area due to flood risk to Linlithgow. The main source of flooding is surface water, the River Avon and minor watercourses. A number of floods have been recorded in this area from surface water causing flooding of properties and damage to roads.

There is 1 area in this PVA, which has been the focus of further assessment, this is identified below. Further information on the proposed objectives and actions to manage flood risk within this area will be provided in Phase 2 of the consultation (launching on 22<sup>nd</sup> March 2021).

### List of target areas

Linlithgow (Target Area 246)

## 02/10/13 (Livingston, Broxburn and Bathgate)

This area is designated as a Potentially Vulnerable Area due to flood risk to a number of communities including Bathgate, Broxburn and Livingston. The main source of flooding is surface water and there is also risk from river flooding, including from the Brox Burn and Boghead Burn. Some protection is provided by flood protection scheme in Broxburn. There have been a number of reported floods, including surface water flooding in Bathgate during Storm Ciara in February 2020. Recently flooding affected Broxburn in August 2020.

There are 5 areas in this PVA, which have been the focus of further assessment, these are listed below. Further information on the proposed objectives and actions to manage flood risk within this area will be provided in Phase 2 of the consultation (launching on 22<sup>nd</sup> March 2021).

### List of target areas

Armadale	(Target Area 191)
Bathgate	(Target Area 196)
Broxburn	(Target Area 206)
Blackridge	(Target Area 282)
Livingston and Mid Calder	(Target Area 295)

## 02/10/14 (Whitburn)

This area is designated as a Potentially Vulnerable Area due to flood risk to Blackburn and Whitburn. The main source of flooding is surface water and river flooding to Whitburn from the White Burn. Recent flooding has been caused by surface water flooding and affected a number of roads.

There are 2 areas in this PVA, which have been the focus of further assessment, these are listed below. Further information on the proposed objectives and actions to manage flood risk within this area will be provided in Phase 2 of the consultation (launching on 22<sup>nd</sup> March 2021).

#### List of target areas

Blackburn	(Target Area 197)
Whitburn	(Target Area 325)

### 02/10/15 (West Calder and Fauldhouse)

This area is designated as a Potentially Vulnerable Area due to flood risk to Fauldhouse and West Calder from surface water. There are several records of flooding in this area, primarily from surface water.

There are 2 areas in this PVA, which have been the focus of further assessment, these are listed below. Further information on the proposed objectives and actions to manage flood risk within this area will be provided in Phase 2 of the consultation (launching on 22<sup>nd</sup> March 2021).

#### List of target areas

Fauldhouse	(Target Area 229)
West Calder	(Target Area 323)

### 02/10/16 (Slamannan)

This area is designated as a Potentially Vulnerable Area due to flood risk to Slamannan. The main source of flooding is surface water and river flooding from the Culloch Burn. There is a history of flooding in this area, with frequent river and surface water flooding affecting homes and roads.

There is 1 area in this PVA, which has been the focus of further assessment, this is identified below. Further information on the proposed objectives and actions to manage flood risk within this area will be provided in Phase 2 of the consultation (launching on 22<sup>nd</sup> March 2021).

#### List of target areas

Slamannan	(Target Area 314)
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## 02/10/17 (Edinburgh West)

This area is designated as a Potentially Vulnerable Area due to flood risk to Edinburgh Airport and the western part of Edinburgh including South Gyle and Edinburgh Park. The main sources of flooding are surface water and river flooding from the Gogar Burn. There is a history of flooding in this area, with frequent reports of surface water flooding, including in June 2019 when surface water flooding caused significant transport disruption to road, tram and rail services and flooding to properties.

There are 2 areas in this PVA, which have been the focus of further assessment, these are listed below. Further information on the proposed objectives and actions to manage flood risk within this area will be provided in Phase 2 of the consultation (launching on 22<sup>nd</sup> March 2021).

### List of target areas

Edinburgh west	(Target Area 264)
Edinburgh Airport	(Target Area 310)

## 02/10/18 (South Queensferry)

This area is designated as a Potentially Vulnerable Area due to coastal flood risk to South Queensferry. There are some records of floods in this area.

There is 1 area in this PVA, which has been the focus of further assessment, this is identified below. Further information on the proposed objectives and actions to manage flood risk within this area will be provided in Phase 2 of the consultation (launching on 22<sup>nd</sup> March 2021).

### List of target areas

South Queensferry	(Target Area 315)
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## 02/10/19 (Edinburgh North)

This area is designated as a Potentially Vulnerable Area due to flood risk to parts of northern Edinburgh including Cramond, Silverknowes and Granton. The main source of flooding is surface water and coastal. The coastal area of Granton includes coastal flood protection which reduce the risk to this area. There are a few records of flooding in this area, including significant coastal flooding.

There is 1 area in this PVA, which has been the focus of further assessment, this is identified below. Further information on the proposed objectives and actions to manage flood risk within this area will be provided in Phase 2 of the consultation (launching on 22<sup>nd</sup> March 2021).

### List of target areas

Edinburgh north

(Target Area 265)

## 02/10/20 (Edinburgh, Water of Leith)

This area is designated as a Potentially Vulnerable Area due to risk to parts of central and southwestern Edinburgh including Stockbridge, Murrayfield and Longstone. There is risk of river flooding from the Water of Leith and Murray Burn as well as surface water. Water of Leith Flood Protection Scheme offers protection to this area. There is a long history of flooding in this area, including a combined river and surface water flood in June 2019, which flooded properties and roads. In 2003, a significant flood on the Water of Leith affected many areas of Edinburgh and resulted in the flood protection scheme.

There is 1 area in this PVA, which has been the focus of further assessment, this is identified below. Further information on the proposed objectives and actions to manage flood risk within this area will be provided in Phase 2 of the consultation (launching on 22<sup>nd</sup> March 2021).

### List of target areas

Edinburgh Water of Leith

(Target Area 266)

## 02/10/21 (Edinburgh, Braid Burn)

This area is designated as a Potentially Vulnerable Area due to flood risk to central and eastern Edinburgh including Leith, Portobello and Colinton. There is flood risk from the Braid Burn, as well as risk from coastal and surface water. The Braid Burn flood protection scheme was completed by the local authority in 2010 and offers protection to many areas. Coastal protection measures protect many areas in Leith and Portobello. There is a history of flooding from various sources, including recent floods caused by surface water.

There is 1 area in this PVA, which has been the focus of further assessment, this is identified below. Further information on the proposed objectives and actions to manage flood risk within this area will be provided in Phase 2 of the consultation (launching on 22<sup>nd</sup> March 2021).

### List of target areas

Edinburgh Braid Burn

(Target Area 267)

## 02/10/22 (Edinburgh, Niddrie Burn and Burdiehouse)

This area is designated as a Potentially Vulnerable Area due to flood risk to west and southwest Edinburgh including Niddrie, Burdiehouse and Straiton. The main source of flooding is surface water and river flooding from the Niddrie Burn and Burdiehouse Burn. A number of floods have been reported in this area including recent surface water flooding to roads.

There are 2 areas in this PVA, which have been the focus of further assessment, these are listed below. Further information on the proposed objectives and actions to manage flood risk within this area will be provided in Phase 2 of the consultation (launching on 22<sup>nd</sup> March 2021).

### List of target areas

Edinburgh Niddrie Burn and Burdiehouse	(Target Area 268)
Straiton	(Target Area 329)

## 02/10/23 (Musselburgh)

This area is designated as a Potentially Vulnerable Area due to flood risk to Musselburgh and northeast part of Dalkeith. The main source of flooding in Musselburgh is the River Esk and coastal flooding. There is also risk from surface water across the area. There is a history of flooding in this area including coastal flooding and river flooding to homes and businesses.

There are 2 areas in this PVA, which have been the focus of further assessment, these are listed below. Further information on the proposed objectives and actions to manage flood risk within this area will be provided in Phase 2 of the consultation (launching on 22<sup>nd</sup> March 2021).

### List of target areas)

Dalkeith (north east)	(Target Area 263)
Musselburgh	(Target Area 304)

## 02/10/24 (Dalkeith, Lasswade and Newtongrange)

This area is designated as a Potentially Vulnerable Area due to flood risk to Bonnyrigg, Dalkeith, Lasswade and Newtongrange. The main source of flooding in the area is surface water, and there is also risk of flooding to Lasswade from the River North Esk. There is history of flooding in these communities with river flooding having affected homes and more recently a number of minor floods from surface water.

There are 4 areas in this PVA, which have been the focus of further assessment, these are listed below. Further information on the proposed objectives and actions to manage flood risk within this area will be provided in Phase 2 of the consultation (launching on 22<sup>nd</sup> March 2021).

#### List of target areas

Bonnyrigg and Lasswade	(Target Area 202)
Dalkeith	(Target Area 219)
Loanhead	(Target Area 296)
Newtongrange	(Target Area 300)

### 02/10/25 (Penicuik)

This area is designated as a Potentially Vulnerable Area due to flood risk to Penicuik. The main source of flooding is surface water, and there is also risk from river flooding from the Loan Burn. A number of floods have been recorded in this area, with several recent reports of flooding from the burn.

There is 1 area in this PVA, which has been the focus of further assessment, this is identified below. Further information on the proposed objectives and actions to manage flood risk within this area will be provided in Phase 2 of the consultation (launching on 22<sup>nd</sup> March 2021).

#### List of target areas

Penicuik	(Target Area 307)
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### 02/10/26 (North Berwick)

This area is designated as a Potentially Vulnerable Area due to flood risk to North Berwick. The main source of flooding is coastal from the North sea. Several floods have been recorded in this area.

There is 1 area in this PVA, which has been the focus of further assessment, this is identified below. Further information on the proposed objectives and actions to manage flood risk within this area will be provided in Phase 2 of the consultation (launching on 22<sup>nd</sup> March 2021).

#### List of target areas

North Berwick	(Target Area 305)
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## 02/10/27 (Dunbar and West Barns)

This area is designated as a Potentially Vulnerable Area due to flood risk to Dunbar and West Barns. The main sources of flood risk are coastal and surface water. There is also a risk of river flooding in West Barns from the Biel Water. There is a long history of flooding in this area, with recent coastal flooding to homes and surface water flooding.

There are 2 areas in this PVA, which have been the focus of further assessment, these are listed below. Further information on the proposed objectives and actions to manage flood risk within this area will be provided in Phase 2 of the consultation (launching on 22<sup>nd</sup> March 2021).

### List of target areas

Dunbar	(Target Area 222)
West Barns	(Target Area 322)

## 02/10/28 (Berwickshire Coast)

This area is designated as a Potentially Vulnerable Area due to flood risk to Eyemouth. The main source of flood risk is the Eye Water and coastal flooding, sometimes in combination. There are a number of records of flooding in this area, with frequent coastal flooding in the harbour area.

There is 1 area in this PVA, which has been the focus of further assessment, this is identified below. Further information on the proposed objectives and actions to manage flood risk within this area will be provided in Phase 2 of the consultation (launching on 22<sup>nd</sup> March 2021).

### List of target areas

Eyemouth	(Target Area 227)
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## 02/10/29 (Cockenzie, Port Seton, Longniddry and Prestonpans)

This area is designated as a Potentially Vulnerable Area due to flood risk to Cockenzie and Port Seton, Longniddry, Macmerry, Prestonpans and Tranent from all sources. The main sources of flooding are coastal and surface water. There are a number of recent reports of surface water flooding to these communities, affecting homes and community services.

There are 5 areas in this PVA, which have been the focus of further assessment, these are listed below. Further information on the proposed objectives and actions to manage flood risk within this area will be provided in Phase 2 of the consultation (launching on 22nd March 2021).

**List of target areas**

Cockenzie and Port Seton	(Target Area 212)
Longniddry	(Target Area 297)
Prestonpans	(Target Area 309)
Tranent	(Target Area 319)
Macmerry	(Target Area 31900)

**02/10/30 (Haddington)**

This area is designated as a Potentially Vulnerable Area due to flood risk to Haddington. The main source of flooding is the River Tyne and there is also risk from surface water. There is a long history of flooding in this area, with recent river flooding from the River Tyne and surface water.

There is 1 area in this PVA, which has been the focus of further assessment, this is identified below. Further information on the proposed objectives and actions to manage flood risk within this area will be provided in Phase 2 of the consultation (launching on 22nd March 2021).

**List of target areas**

Haddington	(Target Area 233)
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