

ANNEX A

The following formal flood protection schemes are complete.

Scheme	(a) Properties Protected	(b) Completion Date	(c)(i) Initial Cost (£ million) (1)	(c) (ii) Estimated Final Cost (£ million) (2)
Huntly	63	2017	4.9	3.8
Newmill	18	2017	1.9	1.8
Dundee	200	2018	6.2	6.9
Kirkwall	750	2018	1.8	1.8
White Cart Water Phase 3	100	2019	5.9	7.2
Camlachie Burn	410	2019	1.2	1.8
Smithton and Culloden	129	2021	15.2	10
Bouvrie Burn	Not held	2020	0.4	0.4
Broxburn (Liggat Syke) Phase 1	Not held	P1 2019	Not held	Not held
New Cumnock	95	2022	3.3	8.4
Broughty Ferry	450	2022	10	16.3
Drumadrochit	35	2022	3.4	5.1
Stonehaven	376	2023	19.9	27.5
Arbroath	530	2023	11.4	13.5
Caol and Lochyside	290	2023	8.4	15.2

Schemes under construction are as follows:

Scheme	(ii) Properties protected	(i) Completion Date	(iii A) Initial cost (£ million) (1)	(iii B) Estimated final cost (£ million) (2)
Upper Garnock	600	2024	15.5	18.5
Hawick	970	2024	37.4	78.6
Campbeltown	770	2024	9.3	15.2
Millport Coastal	657	2024	12.1	48.6
Stranraer	350	2024	0.4	1.4

Schemes under development are as follows:

Scheme	Stage	(ii) Properties protected	(iii A) Initial cost (£ million) (1)	(iii B) Estimated Final Cost of Scheme (2)
Kilmacolm – Glenmosston Burn	Confirmed (3)	Not held	0.5	0.5
Comrie	Confirmed (3)	189	15.7	40.0
Quarrier's Village	Confirmed (3)	60	0.2	0.2

Dumfries - Whitesands	Confirmed (3)	166	18.9	37.5
Water of Leith (Coltbridge, Gorgie, Saughton) Phase 3	Confirmed (3)	75	Not held	Not held
Mill Burn Millport	Confirmed (3)	124	1.1	1.7
Musselburgh	Under development	2500	8.9	95.9
Milnathort	Under development	79	1.9	0.9
Dumbarton - Gruggies Burn	Under development	370	14.5	20.0
Newton Stewart/ River Cree	Under development	270	7.5	19.1
South Kinross	Under development	Not held	3.2	15.1
Bridge of Allan	Under development	Not held	4.4	17.0
Callander	Under development	30	2.4	4.7
Haddington	Under development	320	8.5	8.5
Stirling	Under development	810	26.2	85.6
Grangemouth FPS	Under development	2980	111.5	420
St Andrews - Kinness Burn	Under development	133	3.2	3.2
South Fords	Under development	58	1.4	1.4
Scone	Under development	44	0.7	0.8

(1) Note: Initial costs as provided by local authorities in 2016-17.

(2) Note: Final Scheme costs are the latest estimates provided by local authorities. Differences between these latest estimates and initial cost estimates arise as a result of inflationary pressures and because flood protection schemes are put forward for prioritisation at various stages of their development to fit with Flood Risk Management Planning cycle set out in the FRM Act. Costs are revised over time as designs are finalised and more detailed investigations are carried out and as new information emerges.

More detailed information on each of the schemes can be obtained from the relevant local authorities whose responsibility it is to develop and deliver flood protection schemes and who are best placed to answer specific questions on each of the schemes.

(3) Note: Formally confirmed under Flood Risk Management (Scotland) Act (2009).

ANNEX B – Flood Studies (recommending flood schemes or work) put forward for consideration in cycle 2

Flood study title	Study Location	Flood source
<i>Lochty Burn Flood Study</i>	<i>Carnoustie</i>	<i>River and coastal</i>
<i>Dalbeattie Flood Study</i>	<i>Dalbeattie</i>	<i>River and coastal</i>
<i>Moray Surface Water Management Plan</i>	<i>Elgin, Moray</i>	<i>Surface water</i>
<i>Aberdeen ICS Optioneering Study - Cluster 27 - Farrochie Burn</i>	<i>Stonehaven</i>	<i>River and surface water</i>
<i>Kinness Burn</i>	<i>St Andrews</i>	<i>River</i>
<i>River Peffery FPS/NFMS</i>	<i>River Peffery</i>	<i>River</i>
<i>Culross</i>	<i>Culross</i>	<i>River and coastal</i>
<i>Dunoon Surface Water Management Plan - Black Park</i>	<i>Dunoon</i>	<i>Surface water</i>
<i>Millburn Flood Alleviation Scheme A</i>	<i>Inverness</i>	<i>River and coastal</i>
<i>Pitlochry Flood Study</i>	<i>Pitlochry, Perthshire</i>	<i>River</i>
<i>Dunoon Surface Water Management Plan - Sandhaven</i>	<i>Sandhaven</i>	<i>Surface water</i>
<i>Lossiemouth Flood study</i>	<i>Seatown, Lossiemouth,</i>	<i>Coastal</i>
<i>Bridgend, Perth – Surface Water Flood Protection Works</i>	<i>Bridgend, Perth</i>	<i>Pluvial/Surface Water</i>
<i>Bells Burn Study</i>	<i>Linlithgow</i>	<i>River and Surface Water and Combined Sewer</i>
<i>Isle of Arran, Brodick Flood Risk Assessment</i>	<i>Brodick</i>	<i>River and coastal</i>
<i>Barry Burn Flood Study</i>	<i>Carnoustie</i>	<i>River and coastal</i>
<i>Kilcreggan Surface Water Management Plan - Tigh Dearg Road</i>	<i>Kilcreggan</i>	<i>Surface water</i>
<i>Monifieth Appraisal Report</i>	<i>Monifieth Burn, Monifieth</i>	<i>River and coastal</i>
<i>Blackford Flood Study</i>	<i>Blackford Village</i>	<i>River</i>
<i>Downfield and Dundee / Monifieth and Sidlaws Flood Protection Study</i>	<i>Dundee</i>	<i>River</i>
<i>Ellon Flood Study</i>	<i>Ellon, Aberdeenshire</i>	<i>River and surface water</i>
<i>Insch Flood Study</i>	<i>Insch Aberdeenshire</i>	<i>River and surface water</i>
<i>Inverurie & Port Elphinstone Flood Study</i>	<i>Inverurie & Port Elphinstone, Aberdeenshire</i>	<i>River and surface water</i>
<i>Golspie Flood Protection Study</i>	<i>Golspie</i>	<i>Coastal</i>
<i>Oban Flood Study</i>	<i>Oban, Argyll and Bute</i>	<i>River, coastal and surface water</i>
<i>Dundee Coastal Study Stage 2 - Airport Frontage</i>	<i>Dundee - Airport</i>	<i>Coastal</i>

Flood study title	Study Location	Flood source
<i>Lochgilphead Flood Study</i>	<i>Lochgilphead, Argyll and Bute</i>	<i>River and coastal</i>
<i>Aberfeldy Flood Study</i>	<i>Aberfeldy</i>	<i>River</i>
<i>Ballater Flood Study</i>	<i>Ballater, Aberdeenshire</i>	<i>River</i>
<i>Bishopbriggs Surface Water Management Plan</i>	<i>Bishopbriggs, East Dunbartonshire</i>	<i>River and surface water</i>
<i>Fairlie - Flood Alleviation Project</i>	<i>Fairlie - North Ayrshire</i>	<i>River</i>
<i>Footdee Coastal Study (Stage 1 and 2)</i>	<i>Footdee, Aberdeen</i>	<i>Coastal</i>
<i>Forfar Flood Study</i>	<i>Forfar, Angus</i>	<i>River and surface water</i>
<i>Irvine Valley Feasibility Study</i>	<i>Irvine Valley, East Ayrshire</i>	<i>River</i>
<i>Lower Irvine Feasibility Study</i>	<i>Irvine, North Ayrshire</i>	<i>River</i>
<i>Kirriemuir Flood Study</i>	<i>Kirriemuir, Angus</i>	<i>River and surface water</i>
<i>Moniaive Flood Study</i>	<i>Moniaive</i>	<i>River</i>
<i>Montrose Coastal Flood Study</i>	<i>Montrose, Angus</i>	<i>Coastal</i>
<i>St Margaret's Hope Flood Prevention Study, Options Report.</i>	<i>St Margaret's Hope, Orkney</i>	<i>Coastal</i>
<i>Stonehaven Bay Coastal Flood Study</i>	<i>Stonehaven</i>	<i>Coastal</i>
<i>Tillicoultry Flood Study</i>	<i>Tillicoultry</i>	<i>River and Surface Water</i>
<i>Carsphairn Flood Study</i>	<i>Carsphairn</i>	<i>River</i>
<i>Clachan Flood Study</i>	<i>Clachan Village, Tarbert, Argyll</i>	<i>River</i>
<i>Kirkconnel Flood Study</i>	<i>Kirkconnel</i>	<i>River</i>
<i>Newcastleton Flood Study Appraisal Report (JBA) & Newcastleton Flood Study Summary Appraisal Report (MM)</i>	<i>Newcastleton</i>	<i>River and surface water</i>
<i>Moray Surface Water Management Plan</i>	<i>Roths Moray</i>	<i>Surface water</i>
<i>Tarbert Flood Study</i>	<i>Tarbert, Argyll and Bute</i>	<i>Coastal</i>
<i>Cairneyhill</i>	<i>Cairneyhill</i>	<i>River</i>
<i>Helensburgh Coastal Flood Protection Study</i>	<i>Helensburgh</i>	<i>Coastal</i>
<i>Loch Lomand and Vale of Leven Flood Risk Management Study</i>	<i>Loch Lomand and the Vale of Leven</i>	<i>River and coastal</i>
<i>Peebles Flood Study Summary Appraisal Report (MM)</i>	<i>Peebles</i>	<i>River</i>
<i>Portessie Options Appraisal</i>	<i>Portessie, Moray</i>	<i>Coastal</i>
<i>Bearsden Surface Water Management Plan</i>	<i>Bearsden</i>	<i>Surface water</i>
<i>Broughton Flood Study Appraisal Report (JBA) & Broughton Flood Study Summary Appraisal Report (MM)</i>	<i>Broughton</i>	<i>River</i>

Flood study title	Study Location	Flood source
<i>Moray Surface Water Management Plan</i>	<i>Buckie Moray</i>	<i>Surface water</i>
<i>Cardenden</i>	<i>Cardenden</i>	<i>River</i>
<i>Dundee Coastal Study Stage 2 - Docks Frontage</i>	<i>Dundee - Central Waterfront Docks</i>	<i>Coastal</i>
<i>Perth Integrated Catchment Study (Feus Road Cluster)</i>	<i>Feus Road, Perth</i>	<i>Surface Water and Sewer</i>
<i>Linktown Flood Study</i>	<i>Kirkcaldy</i>	<i>River</i>
<i>Isle of Arran, Lamlash Flood Risk Assessment</i>	<i>Lamlash</i>	<i>River and coastal</i>
<i>Lindean Flood Study - Interim Appraisal Report</i>	<i>Lindean, near Selkirk</i>	<i>River</i>
<i>Peterculter Flood Study</i>	<i>Peterculter</i>	<i>River and surface water</i>
<i>South East of Glasgow SWMP - Phase 3</i>	<i>South East of Glasgow</i>	<i>Surface water</i>
<i>Hawick, Whitlaw and Crowbyres Flood Study - Interim Appraisal Report</i>	<i>Whitlaw and Crowbyres, Hawick</i>	<i>River</i>
<i>Aberfoyle Flood Protection Scheme</i>	<i>Aberfoyle</i>	<i>River and surface water</i>
<i>Newburgh Coastal Feasibility Study</i>	<i>Newburgh, Fife</i>	<i>Coastal</i>
<i>River Thurso Flood Protection Study</i>	<i>Thurso</i>	<i>River and coastal</i>
<i>Aberdeen ICS Optioneering Study - Cluster 2 - Jesmond Drive, Bridge of Don</i>	<i>Jesmond Drive, Bridge of Don</i>	<i>River and surface water</i>
<i>Scottish Water and Aberdeen City Council Merchant Quarter Flooding Reduction Programme</i>	<i>Merchant Quarter</i>	<i>Surface water</i>
<i>Airth Flood Protection Scheme</i>	<i>Airth</i>	<i>River and coastal</i>
<i>Ayr Doon</i>	<i>Ayr Doon</i>	
<i>Ayr East</i>	<i>Ayr East</i>	
<i>Ayr South East</i>	<i>Ayr South East</i>	
<i>Beach, Aberdeen</i>	<i>Beach, Aberdeen</i>	<i>Coastal</i>
<i>Blackness, Trading Estate</i>	<i>Blackness Trading Estate, Dundee</i>	<i>Surface water</i>
<i>Broxburn</i>	<i>Broxburn</i>	
<i>Buckie Surface Water Management</i>	<i>Buckie Surface Water Management</i>	<i>Surface water</i>
<i>Carntyne</i>	<i>Carntyne</i>	
<i>Castlemilk East</i>	<i>Castlemilk East</i>	
<i>Castlemilk West</i>	<i>Castlemilk West</i>	
<i>Flood Protection Study - Churchill Barrier No.2</i>	<i>Churchill Barrier No.2</i>	<i>Coastal</i>
<i>Cullivoe</i>	<i>Cullivoe</i>	
<i>Cupar - Eden and Ladyburn</i>	<i>Cupar - Eden and Ladyburn</i>	<i>River and surface water</i>
<i>Denny & Dunipace Flood Study</i>	<i>Denny and Dunipace</i>	<i>River</i>

Flood study title	Study Location	Flood source
<i>Tayside ICS</i>	<i>Dens Road, Dundee</i>	<i>Surface water</i>
<i>Drumchapel</i>	<i>Drumchapel</i>	
<i>Girvan</i>	<i>Girvan</i>	
<i>Glasgow centre East</i>	<i>Glasgow centre East</i>	
<i>Glasgow west end</i>	<i>Glasgow west end</i>	
<i>Greenock FPS</i>	<i>Greenock FPS</i>	
<i>Hawick FPS</i>	<i>Hawick FPS</i>	<i>River</i>
<i>Hillington and Cardonald</i>	<i>Hillington and Cardonald</i>	
<i>Kilmacolm</i>	<i>Kilmacolm</i>	
<i>Kilsyth Flood Protection Study</i>	<i>Kilsyth</i>	<i>River and surface water</i>
<i>Kincardine</i>	<i>Kincardine</i>	<i>River and coastal</i>
<i>Kirkwall Surface Water Management Plan</i>	<i>Kirkwall</i>	<i>Surface water</i>
<i>Milngavie</i>	<i>Milngavie</i>	
<i>Moffat</i>	<i>Moffat</i>	
<i>Attenuation in Mill Dam</i>	<i>Port Glasgow</i>	<i>River</i>
<i>Attenuation of Glen Moss</i>	<i>Port Glasgow</i>	<i>River</i>
<i>Bouverie Burn Flood Aveliation Phase 3</i>	<i>Port Glasgow</i>	<i>River</i>
<i>Diversion of Minor Water Course from Glenmosston Burn</i>	<i>Port Glasgow</i>	<i>River</i>
<i>Whinhill Attenuation</i>	<i>Port Glasgow</i>	<i>River</i>