

REPORT TO: ENVIRONMENTAL SERVICES COMMITTEE ON 16 APRIL 2008

SUBJECT: REVENUE BUDGET 2008/09 : FLOOD PREVENTION

BY: DIRECTOR OF ENVIRONMENTAL SERVICES

1.0 REASON FOR REPORT

1.1 This report asks the Committee to approve the **Revenue Budget for 2008/09 (Flood Prevention)** and authorise expenditure.

1.2 This report is submitted to Committee in terms of Section E (23) of the Council's Administrative Scheme relating to the functions of the Council under the Flood Prevention (Scotland) Act 1961 as amended by the Flood Prevention and Land Drainage (Scotland) Act 1997.

2.0 RECOMMENDATION

2.1 **The Committee is asked to approve the Revenue Budget 2008/09 – Flood Prevention as detailed in the Appendix and note that the balance is allocated to Coastal Protection.**

3.0 BACKGROUND

3.1 Under the Flood Prevention (Scotland) Act 1961, a local authority has the power to carry out measures for the prevention or mitigation of flooding of non-agricultural land. These measures include cleansing, repairing or maintenance of any watercourse or embankment for defence against flooding.

3.2 The powers under the 1961 Act were extended in May and June 1997 by new duties contained within the Flood Prevention and Land Drainage (Scotland) Act 1997. The Flood Prevention and Land Drainage (Scotland) Act 1997 placed the following duties on Local Authorities:

- Carry out watercourse assessments (to ascertain whether it is in such a condition, which is likely to cause flooding of non-agricultural land);
- Cleanse, repair and otherwise maintain the watercourses and ancillary structures, where the condition is likely to cause flooding of non-agricultural land, the local authority must exercise their powers contained in the 1961 Act where this would substantially reduce the likelihood of such flooding (this duty does not apply where the person whose land is flooded also owns the watercourse); and,
- Prepare and publish reports (a biennial report detailing measures taken and proposed to prevent or mitigate flooding, and details of incidents of flooding).

3.3 Reference is made to the Revenue Budget 2008/09 approved by the Special Meeting of Moray Council on 14 February 2008 (para 2 of the Minute refers).

4.0 PROGRESS OF FLOOD PREVENTION REVENUE WORKS DURING 2007/08

Annual Maintenance Works

- 4.1 A programme of annual maintenance works is carried out at various locations throughout Moray. In addition, an allowance is made for reactive works. The programme of annual maintenance works will grow as more flood prevention schemes are completed and other problem sites are identified and included.

Outcome of Programmed Work for 2007/08

- 4.2 **Elgin** – Inspection and maintenance of ASDA Culvert
Works completed and paid.
- 4.3 **Forres** – Minor Works to complement Burn of Mosset Flood Prevention Scheme
Works delayed to 2008/09 to coincide with construction of scheme.
- 4.4 **Garmouth** – New Single Span Bridge (box culvert)
Works completed at increased cost owing to sourcing of appropriate culvert units and delays in the timing of the works.
- 4.5 **Garmouth** – Repositioning of rock armour
Work completed.
- 4.6 **River Lossie** – Hogweed Control
Work carried out under the main scheme to benefit from grant funding.
- 4.7 **Lhanbryde FAS** – Concrete Repairs
Works completed to satisfaction of Supervising Engineer and Construction Engineer.
- 4.8 **Longmorn** – BT cable diversion
Works for BT were cancelled.
- 4.9 **Newmill** – Contribution to fish passage improvement works
Works delayed by organisation promoting the scheme.
- 4.10 **Portgordon** – Manhole and Aco drain to be installed in Richmond Place.
The works were delayed until 2008/09 as the work is lower priority than the emergency work that was carried out during 2007/08 because it was aimed at facilitating future maintenance rather than immediate flood protection.

4.11 Reserve List

There is a reserve list of ad-hoc maintenance works carried that will be carried out based on priority. Additional schemes are added to this list when a problem is identified.

5.0 The Proposals

5.1 It is proposed that the works of routine maintenance be carried out at the locations shown in the **Appendix**.

5.2 Priority has been given to the works based on engineering judgement and need.

5.3 Members are asked to note that it may be necessary to make changes to the proposed programme during the course of the financial year. Any proposed changes to the programme will be reported to the Committee in a Quarterly Progress Report, with an explanation for why the change is necessary and a recommendation for a change to the programme.

6.0 SUMMARY OF IMPLICATIONS

(a) Corporate Development Plan/Community Plan/Service Improvement Plan

Delivering effective flood alleviation schemes is a priority in the Moray Community Plan 2006 - 2010

(b) Policy and Legal

The proposals form part of the Council's statutory duty in regard to Best Value, value for money and probity..

(c) Resources (Financial, Risks, Staffing and Property)

Financial

The total funding available in the **Revenue Coastal and Flood Prevention budget for 2008/09** is **£344,000**. The proposed expenditure for coastal protection is restricted to **£50,000** thereby directing **£294,000** towards flood prevention maintenance works.

The details of proposals for coastal protection maintenance works are contained in a separate report to this Committee.

Risks

There are no specific risks arising from this report. Risk allowances in the budget proposed have been based on the information available for developing a solution. This is generally of the order of around 60%

where no design development has commenced to around 25% where work is ready to start.

Staffing

All inspection, design and supervision work will be carried out by existing staff or by external consultants. In either case separate allowance of cost has been made for the purpose.

Property

There are no specific property implications arising from this monitoring report.

(d) Consultations

Lorraine Paisey, Principal Accountant, has been consulted and is in agreement with the financial implications arising within this report.

7.0 CONCLUSION

- 7.1 **Progress of flood prevention revenue works during 2007/08 was generally satisfactory but some of the work originally programmed was not carried out within the 2007/08 programme owing to additional unforeseen work adding to the cost of other projects within the programme.**

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Background Papers:
Ref: A.16.01.04

APPENDIX**FLOOD PREVENTION REVENUE BUDGET****2008/09**

Various locations	Annual maintenance works as detailed below	£78,000
Aberlour FAS	Replace trash screens on ditch at Allachie Drive	£40,000
Aberlour	Hatton Road, bank stability/soil anchors	£17,000
Cummingston	Sump clearance and pipe investigation CCTV & Jetting	£4,000
Elgin	Exeeco Cabin replacement	£10,000
Forres	Minor works to compliment Burn of Mosset Flood Prevention Scheme	£15,000
Forres	Pilmuir CCTV Survey & remove obstructions in piped watercourse	£40,000
Forres	Erosion control at Burdshaugh Cottage	£7,500
Forres	River Findhorn Coppicing vegetation on revetment	£25,000
Lhanbryde FAS	2 number filter drains to be constructed	£5,000
Lhanbryde FAS	Event analysis of FAS following impounding & Topo survey	£12,500
Longmorn	BT cable diversion	£15,000
Newmill	Contribution towards fish passage improvement works	£3,500
Portgordon	Manhole at Richmond Place	£7,000
Training	Various training courses as identified to maintain service levels	£1,500
	Design and Supervision	£10,000
	SEPA Controlled Activities Licences	£3,000
	TOTALS	£294,000

APPENDIX**FLOOD PREVENTION ANNUAL MAINTENANCE WORKS**

Aberlour	Flood prevention scheme	£1,000
Elgin	Tyock Burn	£35,000
	Lossie	£4,000
Findochty	Station Burn	£2,000
	Clear outlet of Strype Burn	£2,000
Forres	Pilmuir Drainage	£2,000
	Burn of Mosset	£2,000
Lhanbryde	Flood prevention scheme	£15,000
Portgordon	Outfall at foreshore	£1,000
Roths	Burn of Roths (Burnside Road)	£2,000
General	Minor reactive works	£10,000
Asset Management CCTV Surveys	CCTV Survey and Jetting at various locations on 5-year continuous programme	£2,000
	TOTALS	£78,000

APPENDIX**RESERVE LIST (AD-HOC MAINTENANCE WORKS)**

Aberlour	Hatton Road, Bank stability works	£5,000
Buckie	Rathven Burn, replace sheet piling on banks	£7,000
Brodie	General tidy up of banks	£3,500
Drybridge	Bank improvements downstream of bridge	£5,000
Dufftown	Aigen Place/Hill Street	£5,000
	Mount St, Flooding to Hamewith	£10,000
Dyke	Little Burn, works to burn downstream of nursery	£10,000
Elgin Springs	Improvement to watercourse at Logie Burn	£10,000
Findochty	Strype Burn, removal of debris as highlighted in CCTV survey	£2,000
Fochabers	Phase 2 of West St fish pass	£2,500
Forres	Balnageith Road, new pipes and gullies	£15,000
	Mosset Burn, removal of sediment at Mosset Grove	£15,000
	Pilmuir system, new MH at Market Green	£10,000
	Pilmuir system, silt removal between Cllr walk and Mosset Burn	£10,000
	Pilmuir system, removal concrete and tree roots	£5,000
Garmouth	Improvement to drainage in village	£3,000
Keith	Investigation into condition of drain from Bridge Street to Den Burn	£40,000
	Improvement to drainage from field above builders yard	£20,000
Kingston	Drainer Burn, Vegetation	£7,000
Newmill	Garden and storage areas to be protected from flooding	£5,000
	Playing fields to be protected from minor flooding	£7,000
Pilmuir	CCTV Survey, Jetting and Repairs	£15,000
Rafford South	New culvert under the B9010	£10,000
River Lossie	Non-native species control River Lossie, possibly other catchments (annual spraying)	£30,000
Roths	Improvement to watercourse bank near Breckwynnes	£3,500
Towiemore	Improvements to drainage	£11,500
Training	River Surveyor, River Engineering, SuDS, etc.	£2,000

TOTALS £269,000