

ANGUS COUNCIL

COMMUNITIES COMMITTEE – 18 AUGUST 2015

FLOOD RISK MANAGEMENT (SCOTLAND) ACT 2009, ARBROATH FLOOD STRATEGY & ARBROATH (BROTHOCK WATER) FLOOD PROTECTION SCHEME UPDATES

REPORT BY HEAD OF TECHNICAL AND PROPERTY SERVICES

ABSTRACT

This report updates the Committee on the progress of the works associated with the Arbroath Flood Strategy, the Arbroath (Brothock Water) Flood Protection Scheme, the proposed further development of the Scheme to allow for delivery in the first cycle of the Local Flood Risk Management Plan for Tay Estuary and Montrose Basin, and results of the consultation on the draft Local Flood Risk Management Plan under the Flood Risk Management (Scotland) Act 2009.

1 RECOMMENDATIONS

It is recommended that the Committee:-

- (i) notes the update on the consultation on the draft Local Flood Risk Management Plan under the Flood Risk Management (Scotland) Act 2009;
- (ii) notes the progress of the works associated with the Arbroath Flood Strategy as detailed in this report;
- (iii) notes the progress of the Arbroath (Brothock Water) Flood Protection Scheme as detailed in this report;
- (iv) approves the further development of the Arbroath (Brothock Water) Flood Protection Scheme and notification of the Scheme under the Flood Risk Management (Scotland) Act 2009 as detailed in this report; and
- (v) notes that as set out in paragraphs 4.6.10 and 6.5 the net cost to the Council (£1.361 million) to construct the Scheme, requires to be considered against all other capital priorities as part of the forthcoming budget setting process to develop the Financial Plan 2015/20.

2 ALIGNMENT TO THE ANGUS COMMUNITY PLAN/SINGLE OUTCOME AGREEMENT/COPORATE PLAN

This report contributes to the following local outcome(s) contained within the Angus Community Plan and Single Outcome Agreement 2013-2016:

- Our communities are prosperous and fair;
- Our communities are safe and strong;
- Our communities are sustainable; and
- Our natural and built environment is protected and enjoyed.

3 BACKGROUND

- 3.1 The Flood Risk Management (Scotland) Act 2009 places duties on the council as a responsible authority, and lead authority for the Tay Estuary and Montrose Basin local plan district (reference Report No. 463/14).

- 3.2 The Arbroath Flood Strategy is being taken forward with the delivery of measures to manage river and coastal flood risk as approved by committee (reference Schedule 8 of Report No. 303/14 and Report No.251/13).
- 3.3 The Arbroath (Brothock Water) Flood Protection Scheme, which addresses river flood risk, has been developed as approved by committee (reference Schedule 8 of Report No. 303/14 and Report No.251/13).

4 CURRENT POSITION

4.1 Flood Risk Management (Scotland) Act 2009 Update

- 4.1.1 As approved at Communities Committee 18 November 2014 (reference Article 5 of the minute of meeting of this Committee of 19 August 2014 and Report No. 463/14), the committee agreed to approve the measures to be assessed in the development of Flood Risk Management Strategies and Plans to be consulted upon in early 2015. This consultation closed on 2 June 2015. There were 8 responses received for the Tay Estuary and Montrose Basin, for which Angus Council are the lead authority. No consultation responses, nor any of those submitted for the Tay local plan district which covers an area of Angus including Forfar and Kirriemuir, were received relating to Angus locations. The responses received were not considered significant and therefore no allowance needs to be made in the development of the Local Flood Risk Management Plans. A list of the consultees is given in Appendix A.

4.2 Arbroath Flood Strategy

- 4.2.1 The Arbroath Flood Strategy is being taken forward with the delivery of measures to manage river and coastal flood risk. These measures have been subject to previous engagement with stakeholders including the Arbroath Area Partnership, the Royal Burgh of Arbroath Community Council and SEPA. They are to be taken forward when funding becomes available. Several coastal flood risk measures have been delivered and are being progressed as follows.
- 4.2.2 The total gross expenditure committed on coastal measures from the Arbroath Flood Strategy up to the end of 2015/16 is £2,111,000.

2011/12, 2012/13 and 2013/14 (as per Schedule 8 of Report No. 303/14 and Report No.251/13):

- Improvements to existing river defences through Arbroath (£7,000);
- Replacing sections of balustrade and wall repairs along Victoria Park (£156,000);
- Replacing sections of balustrade with re-curve wall along West Links (£296,000 including £75,000 from Communities Fund);
- Coastal protection works at Inchcape Park with rock armour (£186,000);
- Remaining sections of the balustrade and wall repairs along Victoria Park (£267,000); and
- Second phase of re-curve wall along West Links (coordinated with the provision of the West Links Play Park) (£191,000).

2014/15:

- Third phase of the re-curve wall along West Links (£302,000); and
- First phase of rock armour at West links (completed in 2015/16) (£396,000).

2015/16:

- Second phase of rock armour at West Links (ongoing) (£310,000).

- 4.2.3 The total estimated cost of the re-curve wall in the Strategy was £1.63million. These works are now complete having been delivered over three phases at a total cost of £789,000. This therefore represents a considerable saving, which was brought about by very competitive local construction market and no significant construction risks being encountered.
- 4.2.4 The total estimated cost of the rock armour in the Strategy is £5.05 million. The first phase was completed in 2015/16 at a cost of £396,000. Based on the first phase outturn cost and most recent contract award for the second phase (£310,000), the total estimated cost for the rock armour will be £1.55million, with £844,000 of future phases still to be taken forward when

funding becomes available. Again savings on the estimates are due to the very competitive local construction market.

4.2.5 The Arbroath (Brothock Water) Flood Protection Scheme is an integral measure to be delivered within the Arbroath Flood Strategy. The Scheme, which addresses river flood risk, is detailed below.

4.2.6 In addition to the coastal and river flood risk measures, Arbroath Harbour is centrally located within the Arbroath coastal zone. Significant infrastructure investment has been delivered over 2013/14 and 2014/15, including repairs to the breakwaters, which form a key element of the coastal defences to Arbroath at a cost of £636,000 against a total budget of £690,000 giving savings which were brought about by the competitive local construction market, and no significant construction risks being encountered during the works.

4.3 Arbroath (Brothock Water) Flood Protection Scheme

4.3.1 The Flood Protection Strategy for Arbroath (reference Schedule 8 of Report No. 303/14 and Report 251/13) identified fluvial and coastal actions to reduce flood risk. The Arbroath (Brothock Water) Flood Protection Scheme has been identified and developed to address a significant element of the fluvial flood risk, i.e. river flooding.

4.3.2 The council has been an active partner in the National Flood Risk Management Planning process, which has advanced the National Flood Risk Assessment and which remains subject to the FRM Member/Officer Group (reference Report No. 463/14). The Arbroath (Brothock Water) Flood Protection Scheme was one of the actions identified in the draft implementation of plan of actions to reduce flood risk in Arbroath. It is understood that the Scheme will be prioritised for delivery within the first cycle in the Flood Risk Management Strategy to be published by SEPA in December 2015. The delivery of the actions within the Local Flood Risk Management Plan allows the council to discharge our statutory obligations to manage flood risk in Angus. It is understood therefore that the Arbroath (Brothock Water) Flood Prevention Scheme will need be delivered within the six year cycle 2016 to 2022.

4.3.3 The objective of the Arbroath (Brothock Water) Flood Protection Scheme is to reduce economic damages to residential and non-residential properties in Arbroath caused by flooding from the Brothock Water. In doing so the Scheme will reduce risk to people in Arbroath from river flooding. The proposed fluvial flood protection works will address flood risk from the Brothock Water and include improvements to direct flood defences and the construction of two flood storage areas. The Scheme would remove 530 people at risk and would provide a 1:200 standard of protection for Arbroath. Indicated savings in annual average damages from flooding from the Brothock Water in Arbroath are £840,000 (£360,000 from residential properties and £480,000 from non-residential properties).

4.4 Scheme Design

4.4.1 The consultancy services for the proposed Scheme were awarded to AECOM (latterly AECOM URS, formerly URS Scott Wilson and previously Scott Wilson) on 4 December 2012, following the procurement strategy detailed in Report No. 49/12. The scope of the consultancy services to develop the Scheme, including Economic Appraisal and Environmental Statement, for promotion under the Flood Risk Management (Scotland) Act 2009.

4.4.2 The developed design is principally an upstream storage scheme that will hold back flood waters in areas to the north and north-west of Arbroath and protect properties and critical infrastructure through the town from flood risk. A drawing of the proposed works location plan for the developed design is presented in Appendix B.

4.4.3 It is proposed that these consultancy services be extended to allow AECOM to provide support to the proposed notification of the Scheme under the Flood Risk Management (Scotland) Act 2009, should the committee approve this.

4.5 Prioritisation of Flood Protection Schemes under the relevant Flood Risk Management Plan

- 4.5.1 The current understanding of the prioritisation of the capital flood funding from Scottish Government for major capital projects is that a Scheme that is prioritised for delivery within the first six-year cycle of the Local Flood Risk Management Plan (2016-2022) will receive funding once it is confirmed. Further, a Scheme that is identified as an action under the Flood Risk Management Strategy, which is to be published in December 2015, must be delivered as part of the first Local Flood Risk Management Plan. It is accepted that the actions that are identified through the Flood Risk Management process need to be affordable. This is one of the principles of the proposed continuance of the separate distribution model for the flooding component of the General Capital Grant, which is subject to detailed development by a working group of CoSLA, Scottish Government and local authority representatives, including Angus Council.
- 4.5.2 The Arbroath (Brothock Water) Flood Protection Scheme is currently ranked 14th of 40 in the national prioritisation, and third in the Tay Estuary and Montrose Basin local plan district, with Dundee City Council's Broughty Ferry and Dundee flood protection works ranked 2nd and 5th nationally. The Arbroath (Brothock Water) Flood Protection Scheme will therefore be identified as an action under the Flood Risk Management Strategy for delivery between 2016 and 2022. This provides a high degree of certainty that the Scheme will be successful in receiving capital grant funding from the Scottish Government. The current understanding is that the previous 80/20 grant/local authority contribution will apply to the distribution model.
- 4.5.3 In addition, the relatively advanced stage of development of the Arbroath (Brothock Water) Flood Protection Scheme places this Scheme in an advantageous position to ensure capital grant expenditure in the early years of the six year cycle of the Local Flood Risk Management Plan, which runs from June 2016 to June 2022.

4.6 Planned Delivery of the Arbroath (Brothock Water) Flood Protection Scheme

- 4.6.1 The previously reported delivery programmes for the Scheme made allowance for the Scheme to be in a position to make an application for capital grant funding from the flooding component of the General Capital Grant initially for 2014/15 and then for 2015/16 (reference Report Nos. 49/12 and 251/13 respectively). In order to make such an application for capital grant funding, the Scheme would need to have been subject to notification and confirmed under the Flood Risk Management (Scotland) Act 2009. A further committee approval was to be sought to allow for such a process to commence. Additionally, as the approval to proceed to notification of the Scheme had not been sought, the funding for the construction of the Scheme, including payment of compensation, remained in the 'Later Years' of the council's financial plan – see Table 2 in section 6 of this report.
- 4.6.2 Ultimately, the flooding component of the General Capital Grant for 2014/15 and 2015/16 for this period, which made allowance for the Brechin Flood Prevention Scheme, was fully subscribed and would not have allowed for an application for the Arbroath (Brothock Water) Flood Protection Scheme. As a result, the previously anticipated seeking of committee approvals for the notification and confirmed of the Arbroath (Brothock Water) Flood Protection Scheme and allocation of a budget within years 2014/15 and 2015/16 was not required and therefore was not forthcoming.
- 4.6.3 As reported in Schedule 8 of Report No. 303/14, there remained provision within the 2012/17 Financial Plan for the development of the Scheme design, the current position of which is detailed in this report. However, as a result of the lack of available flooding component of the General Capital Grant, the pace of development of the Scheme was revised, so as to be ready to seek funding under the distribution model for the flooding component of the General Capital Grant for 2016/17 and 2017/18. With this in mind the revised delivery programme for the Scheme, which supersedes that detailed in Report No 251/13 is shown in Table 1 of this report. The financial implications for this revised delivery are detailed below and summarised in section 6 of this report.
- 4.6.4 The critical dependency in the delivery timeline is the presence of any valid objections to the notified Scheme as defined in the Flood Risk Management (Scotland) Act 2009. Where there are no valid objections, the Scheme can proceed rapidly through the stages to confirmation

and construction. Significant efforts to undertake engagement with those affected by the Scheme will be undertaken, so as to reduce the risk of receiving objections.

- 4.6.5 Based on there being no valid objections, the council is empowered under the Flood Risk Management (Scotland) Act 2009 to make a final decision and confirm the Scheme. Following the granting of deemed planning permission by the Scottish Ministers the Scheme can then progress to construction subject to funding and land agreements being established.
- 4.6.6 Where valid objections to the Scheme are received, then efforts shall be made to remove these objections between the council and the objectors. If such a valid objection is not removed then a preliminary decision will need to be made by the council, which is then referred to Scottish Ministers for their consideration.
- 4.6.7 The Scottish Ministers may consider the objection themselves or may cause a public local inquiry to be called. Such inquiries can be burdensome in respect of delivery time of the Scheme (an additional 12 months should be allowed for) and staff and third-party costs, and present a risk to the progression of the Scheme. Depending on the outcome of the inquiry and/or consideration by the Scottish Ministers, the Scheme will be confirmed with or without modifications and deemed planning permission sought and granted on that basis.
- 4.6.8 Alternatively, where there are valid objections, the Scottish Ministers may refer the matter back to the council, at which time a hearing shall be arranged to consider the proposed Scheme and the valid objections. Depending on the outcome of the hearing, the council would make a final decision on the Scheme, which will be confirmed with or without modifications, and deemed planning permission sought and granted on that basis.
- 4.6.9 It is understood that once a Scheme, which has been identified as an action within the Local Flood Risk Management Plan, has been confirmed that funding will be allocated from the flooding component of the General Capital Grant. Whilst the overall amount to be allocated to this component is subject to the Spending Review 2015 and subsequent budget setting at a national level and local government settlements, it is considered that as the Arbroath (Brothock Water) Flood Protection Scheme is 14th of 40 in the current prioritisation list for Schemes that the council would be successful in receiving 80% grant funding of all eligible costs early in the six year cycle starting in June 2016.
- 4.6.10 The committed funding to the delivery of the Scheme up to financial year 2015/16 is £925,000. This is made up of £125k of the £668k up to the end of financial year 2012/13 and an annual expenditure thereafter of £199k, £431k and £170k – see Table 2 in section 6 of this report. It is considered that all of the £925k for the development of the Scheme and the remaining costs for construction, including payment of compensation, will be eligible costs. If Scottish Government is forthcoming as detailed elsewhere in this report, an immediate receipt of £740k (80% of the incurred £925k) would be received by the council in this case. This would leave £1.36million net cost to the council. Based on a total Scheme cost of £11.970million, the council would be responsible for £2.754million (having already committed £925k and being in receipt of £75k to this budget heading from Coastal Communities Fund) and the remainder, £9.141million would be grant funded. The financial implications for this revised delivery are summarised in section 6 of this report.
- 4.6.11 In summary, were the Arbroath (Brothock Water) Flood Protection Scheme to be prioritised as part of the budget setting process and a further £1.361million allocated by the council, the council would be in receipt of £9.141million of capital grant funding. On completion of the Scheme, 530 people would be removed from flood risk and £840,000 of annual average damages saved.

Table 1: Programme for the Delivery and Implementation of the Proposed Arbroath (Brothock Water) Flood Protection Scheme

Action	Progression of Scheme through notification and confirmation process	
	No valid objections to Scheme	Valid objections to Scheme with no Scottish Minister call-in and local authority hearing <u>or</u> with Scottish Minister call-in
Consultancy services to develop Arbroath (Brothock Water) Flood Protection Scheme, including Economic Appraisal and Environmental Statement, for promotion under the Flood Risk Management (Scotland) Act 2009	Completed June 2015	
Land access, acquisition and compensation discussions with affected landowners and others affected	January 2013 – up to ten years post completion	
Identification of available funding within Financial Plan to deliver the Scheme should the committee wish to proceed to commencement of the formal Flood Protection Scheme through the powers of the Flood Risk Management (Scotland) Act 2009	April 2013 – February 2016	
Key Milestone 2: Detailed report to Communities Committee for approval to notify the Flood Protection Scheme under the Flood Risk Management (Scotland) Act 2009	August 2015	
Publish notice for the Arbroath (Brothock Water) Flood Protection Scheme 2015	October 2015	
End of notice period for Arbroath (Brothock Water) Flood Protection Scheme 2015	November 2015	
Review of any objections to the Arbroath (Brothock Water) Flood Protection Scheme 2015	December 2015	
Key Milestone 3: Report to appropriate Angus Council committee to identify available funding within Financial Plan, and seek confirmation of the proposed scheme if no valid objections <u>or</u> to approve preliminary decision following objections and referral to Scottish Minister.	January 2016	March 2016
<u>If valid objections are not removed</u> , either local authority hearing of valid objections if no Ministerial call in <u>or</u> Ministerial consideration (* which may include a public local inquiry in which case an additional 12 months should be allowed for)	-	June/August 2016*
Request deemed planning permission from Scottish Minister following confirmation of the Scheme if no valid objections, <u>or</u> completion of local authority hearing <u>or</u> Ministerial consideration (* which may include a public local inquiry in which case an additional 12 months should be allowed for)	January 2016	June/August 2016*
Deemed planning permission granted by Scottish Minister	February/ April 2016	July/ September 2016*
Key Milestone 4: Subject to confirmation of the Scheme and granting of deemed planning: Detailed report to the appropriate committee for procurement authority for the works, which would require an allocation within the current Financial Plan.	May 2016	August/ October 2016*
Notification of final decision	May 2016	August/ October 2016*
Confirmation of grant funding from flooding component of the General Capital Grant	June 2016	September/ November 2016*
Procurement of construction works	June/August 2016	September/ November 2016*
Award Construction Contract	August 2016	October/ December 2016*

Construction Works Begin	September 2016	January 2017*
Construction Works Completed	December 2017	March 2018*

5 PROPOSALS

- 5.1 Based on the Programme for the Delivery and Implementation of the Proposed Arbroath (Brothock Water) Flood Protection Scheme presented in Table 1, it is considered that the Scheme can be progressed through the notification stage; a budget allocation to complete the Scheme would need to be identified at Key Milestone 3; and that allocation confirmed at Key Milestone 4 when procurement authority for the construction works would be sought. It is therefore intended to raise this as a capital budget setting issue for the forthcoming capital budget setting process.
- 5.2 So as to allow for the delivery as set out in this report, it is proposed that the Arbroath (Brothock Water) Flood Protection Scheme continue to be developed as per the programme and actions shown in Table 1 to Key Milestone 3 within the budget currently allocated in the Financial Plan. Recommendations for a decision if no valid objections received or a preliminary decision following objections are to be submitted for approval to an appropriate committee (reference Key Milestone 3 in Table 1).
- 5.3 So as to support the proposed notification of the Scheme under the Flood Risk Management (Scotland) Act 2009, it is proposed that the consultancy services provided by AECOM to provide support to be extended in line with Financial Regulations.
- 5.4 The required capital funding to complete the Arbroath (Brothock Water) Flood Protection Scheme would be made up of capital allocation from the council along with the flooding component of the General Capital Grant. It is therefore proposed that due consideration is given to the identified need for the Scheme within the forthcoming capital budget setting process and available funding within the Financial Plan.

6 FINANCIAL IMPLICATIONS

- 6.1 The funding and expenditure profile for the Arbroath Flood Strategy, which includes the proposed Arbroath (Brothock Water) Flood Protection Scheme, was previously detailed in Report No. 251/13. This was revised as detailed in the 2014/15 Final Capital Budget Volume (Report No. 372/14 refers), which is set out in the Table 2 below.

Table 2: Provision in 2014/15 Final Capital Budget Volume (Report No. 372/14)

Project/ Nature of Expenditure	Estimated Total Cost £000's	Actual Expenditure to 31/03/13 £000's	Projected Outturn 2013/14 £000's	Estimate 2014/15 £000's	Estimate 2015/16 £000's	Estimate 2016/17 £000's	Estimate 2017/18 £000's	Later years £000's
Arbroath Flood Strategy (Brothock Burn / Seawall projects)	11,970	668	199	431	170	0	0	10,502
Coastal Communities Fund	(75)	(75)	0	0	0	0	0	0
Additional Funding (to be secured)	(9,141)	0	0	0	0	0	0	(9,141)
Net Cost	2,754	593	199	431	170	0	0	1,361

- 6.2 In light of the changes resulting from the budget setting process for Financial Plan 2014/2019 and the resulting Provisional Capital Budget 2015/16 (Reference Report No. 61/15), the funding and expenditure profile for the Arbroath Flood Strategy project was further revised as detailed in Table 3 below.

Table 3: Provision in the 2014/2019 Financial Plan and Provisional Capital Budget 2015/16 – Not Yet Legally Committed (Report No. 61/15 refers)

Project/ Nature of Expenditure	Estimated Total Cost £000's	Actual Expenditure to 31/03/14 £000's	Projected Outturn 2014/15 £000's	Estimate 2015/16 £000's	Estimate 2016/17 £000's	Estimate 2017/18 £000's	Later years £000's
Arbroath Flood Strategy (Brothock Burn / Seawall projects)	11,970	867	431	170	0	0	10,502
Coastal Communities Fund	(75)	(75)	0	0	0	0	0
Additional Funding (to be secured)	(9,141)	0	0	0	0	0	(9,141)
Net Cost	2,754	792	431	170	0	0	1,361

6.3 As detailed in section 4 and 5 of this report, the costs for notification of the Scheme and making recommendations for a final decision if no valid objections are received and a preliminary decision where there are valid objections can be contained within the allocations included in Table 3 over the remainder of financial year 2015/16, along with the proposed support to be provided by AECOM.

6.4 Table 3 includes a provision in “Later Years” for the construction of the Flood Protection Scheme. As detailed in section 4 of this report, the need for the Scheme means that it is certain to be prioritised for delivery within the first cycle of the Local Flood Risk Management Plan (2016-22) and as 12th of 35 in the current national prioritisation list is therefore almost certain to receive funding from the flooding component of the General Capital Grant – estimated to amount to £9.141million.

6.5 In order to fund the council’s contribution to the capital costs for progressing the Scheme through confirmation and construction, the £1.361million identified in “Later Years” would firstly need to be considered against all other Council capital priorities to determine whether the scheme should be allocated capital resources. If successful, the £1.361 million would also need to be brought forward into financial years 2016/17 and 2017/18.

6.6 Consideration of such re-profiling of budgets would therefore be required as part of the budget setting and development of the Financial Plan 2015/20, and be subject to future reporting and committee approvals as necessary, and the requirement for the council to undertake the actions identified through the Flood Risk Management process. It is accepted that such actions need to be affordable, which is one of the principles of continuance of the separate distribution model for the flooding component of the General Capital Grant.

7 OTHER IMPLICATIONS

7.1 Risks

7.1.1 The risk management exercise undertaken to identify where the risks that can impact against achievement of objectives were identified, the consequences evaluated and proposals identified to manage the risks was detailed in Report 602/10 for the Arbroath Flood Strategy, and updated in Report Nos. 48/12 and 49/12.

7.1.2 The updated risks associated with the current recommendations are outlined within section 4 of this report specifically with respect to securing capital grant award from the flooding component of the General Capital Grant and available funding within council’s Financial Plan 2015/20.

7.2 Human Rights

As reported previously to this committee (Report No. 602/10), the progression of a Flood Protection Scheme has potential implications for property owners and for occupiers in terms of alleged interference with privacy, home or family life (Article 8) and peaceful enjoyment of their possessions (First Protocol, Article 1). However, it is considered that any actual or apprehended infringement of such Convention Rights is justified in the public interest and in accordance with the council's duty to carry out works to reduce the likelihood of flooding of land.

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NOTE:

The background papers, as defined by Section 50D of the Local Government (Scotland) Act 1973 (other than any containing confidential or exempt information) which were relied on to any material extent in preparing the above report are:

Report 61/15 - Provisional Capital Budgets Volume (Green Cover), Angus Council 12 February 2015
Report 372/14 - 2014/15 Final Capital Budget Volume - General Fund and Housing, Policy & Resources Committee 2 September 2014
Schedule 8 of Report No. 303/14 - Arbroath Flood Strategy and Arbroath Flood Protection Scheme – Update, Communities Committee 19 August 2014
Report No.251/13 - Arbroath Flood Strategy & Brothock Water Flood Protection Scheme – Update, Infrastructure Services Committee 16 April 2013
Report 49/12 – Brechin Flood Prevention Scheme and Brothock Water Flood Prevention Scheme - Capital Funding Update, Infrastructure Services Committee 17 January 2012
Report 48/12 – Arbroath Flood Strategy, Infrastructure Services Committee 17 January 2012
Report 602/10 – Arbroath Flood Strategy, Infrastructure Services Committee 24 August 2010

List of Appendices

Appendix A List of Consultees for Flood Risk Management Strategies and Plans

Appendix B Drawing of the proposed works location plan for the developed design for Arbroath (Brothock Water) Flood Protection Scheme

List of Consultees for Flood Risk Management Strategies and Plans

Responsible Authorities

Angus Council
Perth and Kinross Council
Aberdeenshire Council
Dundee City Council
Fife Council
SEPA
Scottish Water
Cairngorms National Park
The Forestry Commission

Others

All Category 1 responders within Team B Area
SNH

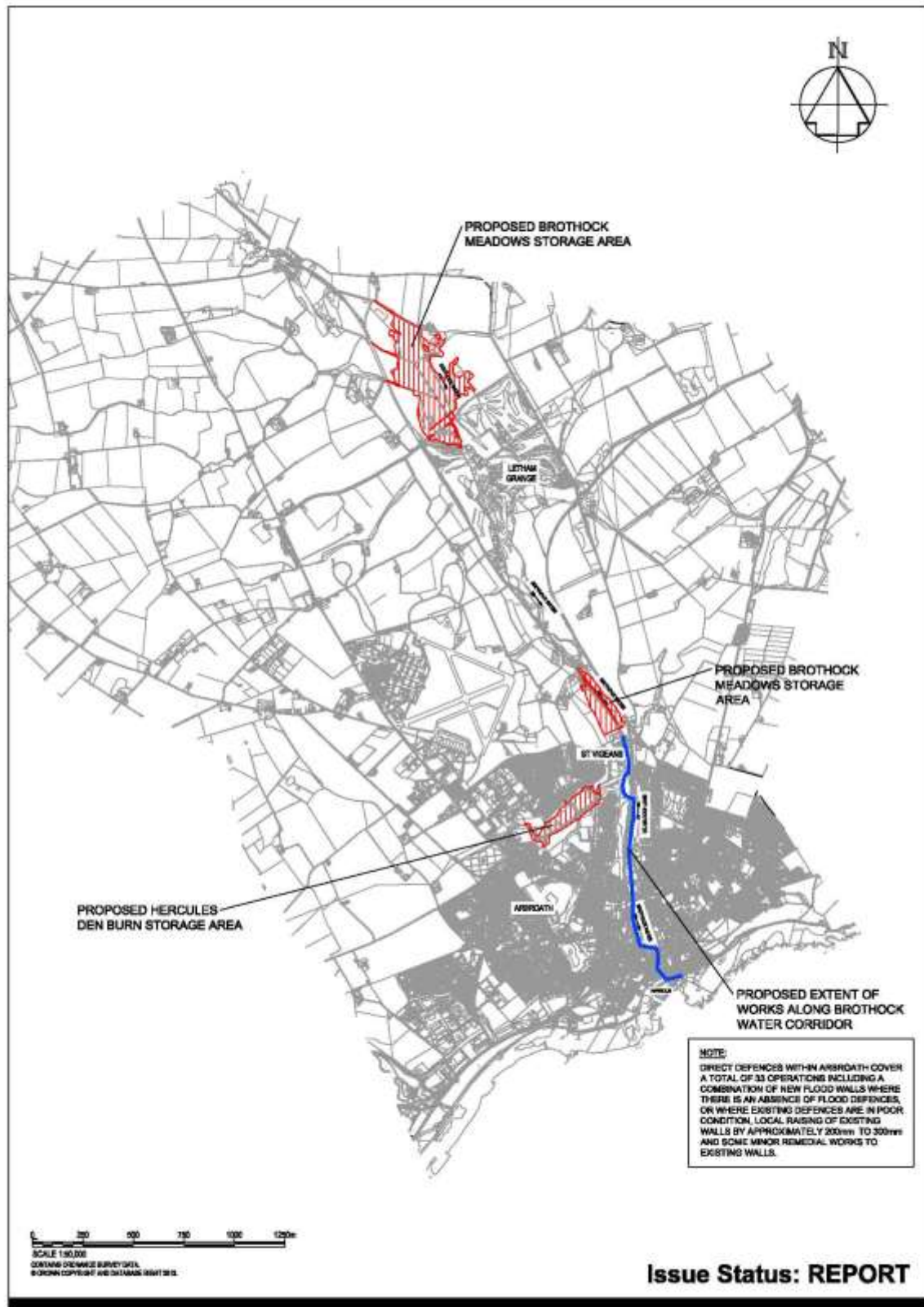
Such other persons as the Lead Local Authority considers appropriate:

Aberlemno Community Council
Auchterhouse Community Council
Carnoustie Community Council
City of Brechin and District Community Council
Ferryden and Craig Community Council
Friockheim and District Community Council
Glamis Community Council
Hillside, Dun and Logie Pert Community Council
Inverarity Community Council
Inveresk Community Council
Kirriemuir Community Council
Kirriemuir Landward East Community Council
Kirriemuir Landward West Community Council
Letham and District Community Council
Lunanhead and District Community Council
Monifeith Community Council
Monikie and Newbigging Community Council
Muirhead, Birkhill and Liff Community Council
Murroes and Wellbank Community Council
Newtyle and Eassie Community Council

All other local authorities in the Tay Estuary and Montrose Basin District were directed to contact their own Community Councils

APPENDIX B

Drawing of the proposed works location plan for the developed design for Arbroath (Brothock Water) Flood Protection Scheme



ARBRATH (BROTHOCK WATER) FLOOD PROTECTION SCHEME
PROPOSED WORKS LOCATION PLAN
ANGUS COUNCIL, ARBRATH
Project No.: 47065806

AECOM