

PERTH AND KINROSS COUNCIL**Environment Committee****21 January 2015****The Flood Risk Management (Scotland) Act 2009
Assessment of Water Bodies****Report by the Executive Director (Environment)**

The Council's duties with regard to the assessment of relevant bodies of water, and any flood risk they may present, are set out within the Flood Risk Management (Scotland) Act 2009. This report provides an update on the current arrangements for making these assessments and details the proposed assessment frequencies for the Committee's approval.

1. BACKGROUND / MAIN ISSUES

- 1.1 The Flood Risk Management (Scotland) Act 2009 (the 2009 Act) has introduced a more modern, coordinated and sustainable approach to flood risk management at both national and local levels.
- 1.2 Although public authorities are expected to take a proactive role in managing and, where achievable, lowering flood risk, the primary responsibility for avoiding or managing flood risk still remains with land and property owners. The 2009 Act does not alter this. Individuals, businesses and communities must therefore play a critical role in making themselves more resilient and in helping to reduce the impact of flooding.
- 1.3 The Council has duties under the 2009 Act to prepare maps of water bodies, assess flood risk on those water bodies and prepare a schedule of clearance and repair works. The Council also has a duty to carry out any clearance and repair works included on this schedule.
- 1.4 This report provides an update on the current arrangements for making these assessments.
- 1.5 Flood risk is defined by the 2009 Act as the combination of the probability of a flood and the potential adverse consequences associated with a flood for human health, the environment, cultural heritage and economic activity. In terms of the assessment of water bodies, this essentially means that while flooding may occur, there also has to be a risk of adverse consequences to receptors (typically people, homes or property).

Maps of Bodies of Water

- 1.6 Section 17 of the 2009 Act requires the Council to prepare a map of relevant bodies of water and sustainable urban drainage systems (SUDs) in its area. The Council must also review and update the map from time to time and make it available for public inspection.
- 1.7 Relevant bodies of water include bodies of surface water other than a stretch of coastal water, or a body of underground water forming part of a watercourse, and also includes piped and culverted systems and SUDs. It excludes sewers and drains which connect to sewers.
- 1.8 The existing list of main watercourses within Perth and Kinross is shown in Appendix A.
- 1.9 A national project is also being carried out by the Ordnance Survey to develop a Scottish detailed river network (SDRN). Once the SDRN is developed to a sufficient standard, it is hoped that it will be adopted for the Council's map of water bodies. In the meantime, a digitised map of watercourses has been prepared based on existing mapping and is being used for this purpose as part of the Council's Flood Management System (FMS).

Assessment of Bodies of Water

- 1.10 Under Section 18 of the 2009 Act, the Council has a duty to assess the relevant bodies of water (other than canals) in its area from time to time. The term from "from time to time" is not defined within the 2009 Act. The purpose of the assessment is to ascertain whether the condition of a body of water gives rise to a risk of flooding of land. Where a body of water gives rise to such a risk, and the Council considers that clearance and repair works would **substantially** reduce that risk, the Council must prepare a schedule of those clearance and repair works.
- 1.11 The majority of inspections are usually undertaken between June and September. In general, an assessment involves a site visit and walk along the bank/s of watercourse to carry out a field inspection. The inspection will assess if the watercourse is in a condition that may give rise to flooding. It will mainly be concerned with finding any existing or potential obstructions to flow, such as man made or natural debris, a build up of fallen trees or vegetation, or an accumulation of mud, silt, sediment or other river bed material.
- 1.12 Recent assessments use the existing watercourse list as a basis, with further bodies of water included where it has been identified that they may give rise to a risk of flooding. Assessments are not carried out in areas where flooding occurs but there are no adverse consequences, e.g. in remote mountain areas.

- 1.13 Some bodies of water within the Perth and Kinross area currently require frequent inspections, while those that present less of a risk of flooding are less frequently inspected. The watercourses are inspected at various frequencies, i.e. either every three months, six months, annually or every two years. The frequency of inspection varies depending on the likelihood and risk of flooding from that source. The current inspection frequencies are based on findings from previous assessments as well as information from the public, along with flooding incidents that have occurred within the Council's area.
- 1.14 Details of the watercourse inspections undertaken and any resulting maintenance works have been reported to Committee every two years, under the previous legislation. These reporting arrangements have remained in place during the transition to the 2009 Act, with the most recent report to Committee on 20 November 2013 (Report No.13/544 refers)

Clearance and Repair Works

- 1.15 As noted at 1.2, the primary responsibility for avoiding or managing flood risk still remains with land and property owners. In the first instance, clearance and repair works are referred to the landowner, where they can be identified. The Council usually only carries out works where there has been a failure of the landowner to act, where landownership is not clear, or where urgent intervention is required.
- 1.16 The 2009 Act defines clearance and repair works as any or all of the following:-
- (a) Removing obstructions from a body of water;
 - (b) Removing things that are at significant risk of becoming such obstructions;
 - (c) Repairing artificial structures which form part of the bed or banks of a body of water.
- 1.17 Section 59 of the 2009 Act requires the Council to carry out works described on the schedule of clearance and repair works, if the Council considers that these works will either contribute to the implementation of the relevant local flood risk management plan, or will not affect that plan. The current schedule of clearance and repair works is published on the Council's web site.
- 1.18 Once the local flood risk management plans are published in June 2016, in practice this may allow the Council to cease clearance and repair works in an area and to allow it to flood, as this may reduce the risk of flooding to homes or property further upstream or downstream.
- 1.19 It should be borne in mind that the benefit of clearance and repair works may be limited in terms of flood risk management. Generally speaking, experience has shown that clearing small watercourses and culverts in urban areas can be of benefit while removing minor obstructions from larger watercourses makes little difference. Other measures are likely to be required, such as engineered flood defences, to manage the risk of larger floods.

2. PROPOSALS

- 2.1 An exercise had been carried out to review the existing watercourse inspection frequencies and some operational amendments have been made based on the level of flood risk, the benefits of the inspections and the available staff resources to carry out the inspections. The current inspection frequencies were included in the previous report to Committee on 20 November 2013 (Report No.13/544 refers).
- 2.2 An internal flood mitigation audit was carried out in August 2014 as part of the audit plan for 2014/15. The final audit report was submitted to the Audit Committee on 17 September 2014 (Report No. 14/393 refers).
- 2.3 The audit found the Service has processes in place which deliver satisfactory compliance with statutory requirements for assessment, clearance and repair of bodies of water. A lack of detailed national guidance and recognised standards of best practice was noted but Service processes were found to be logical, systematic and adapted to the needs of Perth and Kinross. The audit, however, recommended that a report detailing the updated inspection frequencies should be presented to the Environment Committee in January 2015.
- 2.4 The watercourse inspection frequencies have since been reviewed again by the Council's flooding team. This has included a comparison of current and past inspection frequencies. More frequent inspections will continue to be carried out for those bodies of water and areas which present a higher risk of flooding. Less frequent inspections are proposed for bodies of water and areas that are considered to present a relatively lower risk of flooding. The proposed inspection frequencies are shown in Appendix B.
- 2.5 The inspection frequencies have been standardised so that all inspections are carried out at intervals of either three months, six months, one year or two years. They have also been rationalised so that the watercourses within a localised area are inspected at the same frequency. As a result of these changes, there has been no change to the majority of the inspections; of those that remain the inspection frequencies have mostly increased with a decrease in a small number.
- 2.6 Due to the availability of staff resources, it should be noted that the inspections will not be carried out precisely at the intervals shown in Appendix B but rather within the period noted. For example, a six monthly inspection will involve two inspections per year, each inspection falling somewhere within successive six month periods.
- 2.7 Work has continued on the development of an inspection system similar to that used for road inspections. This Flood Management System (FMS) is operational and was used in the summer of 2014 to record watercourse inspections. However, more work is required to develop this system to further improve the management of inspection routes, assessment frequencies and the ordering of clearance and repair works.

- 2.8 In the meantime, FMS will continue to be developed with these functions being carried out manually as required.

3. CONCLUSION AND RECOMMENDATION

- 3.1 This report provides an update on the current arrangements for making watercourse assessments and details the proposed assessment frequencies, for the Committee's approval.
- 3.2 The Committee is asked to approve the proposed watercourse inspection frequencies (Appendix B).

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Approved

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1. IMPLICATIONS, ASSESSMENTS, CONSULTATION AND COMMUNICATION

Strategic Implications	Yes / None
Community Plan / Single Outcome Agreement	Yes
Corporate Plan	Yes
Resource Implications	
Financial	None
Workforce	None
Asset Management (land, property, IST)	None
Assessments	
Equality Impact Assessment	Yes
Strategic Environmental Assessment	Yes
Sustainability (community, economic, environmental)	Yes
Legal and Governance	Yes
Risk	None
Consultation	
Internal	Yes
External	Yes
Communication	
Communications Plan	Yes

1. Strategic Implications

Community Plan / Single Outcome Agreement

- 1.1 The proposals relate to the delivery of the Perth and Kinross Community Plan/Single Outcome Agreement by managing flood risk to our residential and business communities in a sustainable manner.

Corporate Plan

- 1.2 The Council's Corporate Plan 2013-2018 lays out five outcome focussed strategic objectives which provide clear strategic direction, inform decisions at a corporate and service level and shape resources allocation. They are as follows:
- (i) Giving every child the best start in life;
 - (ii) Developing educated, responsible and informed citizens;
 - (iii) Promoting a prosperous, inclusive and sustainable economy;
 - (iv) Supporting people to lead independent, healthy and active lives; and
 - (v) Creating a safe and sustainable place for future generations.
- 1.3 This report contributes to objectives (iii), (iv) and (v).

2. Resource Implications

Financial

- 2.1 There are no capital or revenue implications arising directly from the proposals in this report.

Workforce

- 2.2 There are no workforce implications arising directly from the proposals in this report.

Asset Management (land, property, IT)

- 2.3 There are no asset management implications arising from the proposals in this report.

3. Assessments

Equality Impact Assessment

- 3.1 Under the Equality Act 2010, the Council is required to eliminate discrimination, advance equality of opportunity, and foster good relations between equality groups. Carrying out Equality Impact Assessments for plans and policies allows the Council to demonstrate that it is meeting these duties. The Equality Impact Assessment undertaken in relation to this report can be viewed clicking [here](#).
- 3.2 The proposal presented in this report has been considered under the Corporate Equalities Impact Assessment process (EqIA) with the following outcome.
- 3.3 Following an assessment using the Integrated Appraisal Toolkit, it has been determined that the proposal is **not relevant** for the purposes of EqIA.

Strategic Environmental Assessment

- 3.4 The Environmental Assessment (Scotland) Act 2005 places a duty on the Council to identify and assess the environmental consequences of its proposals.
- 3.5 Following a pre-screening assessment using the Integrated Appraisal Toolkit, it has been determined that the proposal will have no or minimal environmental effects.

Sustainability

- 3.6 Under the provisions of the Local Government in Scotland Act 2003 the Council has to discharge its duties in a way which contributes to the achievement of sustainable development. Under the Climate Change (Scotland) Act 2009 the Council also has a duty relating to climate change and, in exercising its functions must act:
- in the way best calculated to deliver the Act's emissions reduction targets;
 - in the way best calculated to deliver any statutory adaptation programmes; and
 - in a way that it considers most sustainable.
- 3.7 Following an assessment using the Integrated Appraisal Toolkit, it has been determined that the proposal highlights no significant implications for sustainability.

Legal and Governance

- 3.8 The Head of Legal Services and the Head of Democratic Services have been consulted on this report.
- 3.9 The legal basis for the proposals set out in this report is the Flood Risk Management (Scotland) Act 2009.

Risk

- 3.10 The risks associated with any individual proposals to address flooding are identified and managed through individual projects.

4. Consultation

Internal

- 4.1 The Head of Legal Services, the Head of Democratic Services and the Head of Finance have been consulted in the preparation of this report.

External

- 4.2 Consultation will be carried out with relevant stakeholders on any individual proposals.

5. Communication

- 5.1 Communication with relevant external stakeholders will take place on any individual measures proposed to manage flood risk in the future.

2. BACKGROUND PAPERS

The following background papers, as defined by Section 50D of the Local Government (Scotland) Act 1973 (and not containing confidential or exempt information) were relied on to a material extent in preparing the above report;

- (1) PKC – Environment Committee – 4 November 2009, Biennial Report on Flood Preventino responsibilities 2009 (Report No 09/504)
- (2) PKC – Environment Committee – 27 January 2010, Flood Risk Management (Scotland) Act 2009 (Report No. 10/51)
- (3) PKC – Environment Committee – 21 March 2012, Biennial Report on Flood Prevention (Report No 12/135)
- (4) PKC – Environment Committee – 20 November 2013, Progress Report, Flood Risk Management (Scotland) Act 2009 (Report No 13/544)
- (5) PKC - Audit Committee – 17 September 2014, 14-02 Flood Mitigation (Report 14/393)

3. APPENDICES

Appendix A – Main Watercourses in Perth and Kinross

Appendix B – Proposed Watercourse Inspection Frequencies

Appendix A

Main Watercourses in Perth and Kinross

	Althlappie		
	Altreach		
	Ballintuim		
	Croft na Coille		
	Dalnabreck		
	Dounie		
	Allt' Camnagar		
	Pitcarmick		
Dully Ditch			
Shee Water	Shee-Blackwater	Ardle	
		Ericht	
	Alyth		
Camno			
Meigle	Dean		
	Burrelton		
	Coupar Angus		
	Collace		
	Doctor's, Alyth		
	Kettins		
	Lunan	Isla	
	Corral Burn		
	Glenshauch		
Wynnie	Garry Burn	Ordie	
		Birnam	
		Drumatherty	
		Luncaty	
		Spittalfield	
		St.Martins Burn	
Quaich	Loch Freuchie	Braan	
	Fearnan	Loch Tay	
	Keltney	Lyon	
	Urlar	Moness	
	Loch Rannoch		
	River Garry		
	Loch Tummel		
	Moulin	Tummel	
Methven	Pow Burn	Almond	
Dron	Farg	Town Lade	
	Machany		
	Pow Water		
	Ruthven		
	Lednock		
	Milton		
	Ruchill Water		
	Deich		
Shaggie	Turret	Earn	
	Scouring Burn	Craigie	
	Bonard		
	Langley	Annaty	Tay
		Craig Burn	Grange of Pow
		Baldegarno	Huntly Burn
		Fowlis	Invergowrie
			Firth of Tay
	Back Burn	N. Quiech	
	Carnbo Burn	S. Quiech	
		Ury	
Butterwell	Pow Mill Burn	Pow Burn	Loch Leven
		Gairney Water	River Devon

Watercourse	Nearest Town / Area	Inspection Region	Inspection Frequency – Nov '13	Proposed Inspection Frequency Jan '15 onwards	Comments
Aberdalgie Drain	Aberdalgie	Perth	Yearly	Yearly	No Change from November 2013 Frequency
Milltown Burn	Aberdalgie	Perth	Yearly	Yearly	No Change from November 2013 Frequency
Boltachan Burn	Aberfeldy	Aberfeldy	Yearly	Yearly	No Change from November 2013 Frequency
Moness Burn	Aberfeldy	Aberfeldy	Yearly	6 Monthly	Increase in Inspection Frequency
River Tay @ Aberfeldy	Aberfeldy	Aberfeldy	-	Yearly	Addition to Inspection Register
Un-named drain in Balnacraig	Aberfeldy	Aberfeldy	Yearly	Yearly	No Change from November 2013 Frequency
Un-named outfall at Kenmore Road	Aberfeldy	Aberfeldy	Yearly	Yearly	No Change from November 2013 Frequency
Un-named watercourse at Moness Country Club	Aberfeldy	Aberfeldy	Yearly	Yearly	No Change from November 2013 Frequency
Un-named watercourse, Aberfeldy	Aberfeldy	Aberfeldy	Yearly	Yearly	No Change from November 2013 Frequency
Watercourse at Alma Avenue	Aberfeldy	Aberfeldy	Yearly	Yearly	No Change from November 2013 Frequency
Watercourse at Hawthorn Cottage	Aberfeldy	Aberfeldy	Yearly	Yearly	No Change from November 2013 Frequency
Weem Drain	Aberfeldy	Aberfeldy	Yearly	Yearly	No Change from November 2013 Frequency
Well Burn	Aberfeldy	Aberfeldy	Yearly	Yearly	No Change from November 2013 Frequency
East Pow, Huntingtower	Almondbank	Perth	6 Monthly	6 Monthly	No Change from November 2013 Frequency
River Almond	Almondbank	Perth	Yearly	6 Monthly	Increase in Inspection Frequency
Alyth Burn 1 - from Tully bridge to Springbank	Alyth	Alyth	Yearly	6 Monthly	Increase in Inspection Frequency
Alyth Burn 2 - From Banff Road, along Springbank and finishes in fields.	Alyth	Alyth	Yearly	6 Monthly	Increase in Inspection Frequency
Back Burn	Alyth	Alyth	Yearly	6 Monthly	Increase in Inspection Frequency
Ditch at Netherton	Alyth	Alyth	Yearly	Yearly	No Change from November 2013 Frequency
Doctors Burn	Alyth	Alyth	Yearly	6 Monthly	Increase in Inspection Frequency
Watercourse at Johnshill Road, Alyth	Alyth	Alyth	Yearly	Yearly	No Change from November 2013 Frequency
Culteuchar Burn 1	Ardargie	Forteviot	Yearly	Yearly	No Change from November 2013 Frequency
Water of May 3	Ardargie	Forteviot	Yearly	Yearly	No Change from November 2013 Frequency
Kirkton Burn	Auchterarder	Auchterarder	Yearly	Yearly	No Change from November 2013 Frequency

Ruthven Burn	Auchterarder	Auchterarder	Yearly	Yearly	No Change from November 2013 Frequency
Ruthven Water	Auchterarder	Auchterarder	Yearly	Yearly	No Change from November 2013 Frequency
Balchandy Burn	Balchandy	Pitlochry	Yearly	Yearly	No Change from November 2013 Frequency
Balintyler Burn	Ballinluig	Pitlochry	6 Monthly	6 Monthly	No Change from November 2013 Frequency
Un-named burn at Ballinluig Stone Circle	Ballinluig	Pitlochry	Yearly	Yearly	No Change from November 2013 Frequency
Garry Burn	Bankfoot	Bankfoot	6 Monthly	6 Monthly	No Change from November 2013 Frequency
Glenshauch Burn	Bankfoot	Bankfoot	6 Monthly	6 Monthly	No Change from November 2013 Frequency
Smiths Brae	Bankfoot	Bankfoot	-	6 Monthly	Addition to Inspection Register
Allan Water	Blackford	Blackford	Yearly	6 Monthly	Increase in Inspection Frequency
Back Burn	Blackford	Blackford	Quarterly	6 Monthly	Reduction in Inspection Frequency. Brought into line with areas of similar risk.
Burn of Ogilvie	Blackford	Blackford	-	6 Monthly	Addition to Inspection Register
Danny Burn	Blackford	Blackford	Yearly	6 Monthly	No Change from November 2013 Frequency
Kinpauch Burn	Blackford	Blackford	-	6 Monthly	Addition to Inspection Register
Banvie Burn	Blair Atholl	Blair Atholl	Yearly	Yearly	No Change from November 2013 Frequency
Falls of Bruar, at House of Bruar	Blair Atholl	Blair Atholl	Yearly	Yearly	No Change from November 2013 Frequency
Fender Burn	Blair Atholl	Blair Atholl	Yearly	Yearly	No Change from November 2013 Frequency
Kingsland Burn	Blair Atholl	Blair Atholl	Yearly	Yearly	No Change from November 2013 Frequency
Mill Lade	Blair Atholl	Blair Atholl	Yearly	Yearly	No Change from November 2013 Frequency
River Tilt	Blair Atholl	Blair Atholl	Yearly	Yearly	No Change from November 2013 Frequency
River Ericht	Blairgowrie	Blairgowrie	Quarterly	Yearly	Reduction in Inspection Frequency due to low risk of flooding to Blairgowrie from Ericht
Keir Burn	Braco	Braco	6 Monthly	6 Monthly	No Change from November 2013 Frequency
River Knaik	Braco	Braco	Quarterly	6 Monthly	Reduction in Inspection Frequency. Brought into line with areas of similar risk.
Deich Burn	Bridge of Earn	Bridge of Earn	6 Monthly	6 Monthly	No Change from November 2013 Frequency
River Earn @ Bridge of Earn	Bridge of Earn	Bridge of Earn	-	Yearly	Addition to Inspection Register
Yellow Burn (Clayton Road)	Bridge of Earn	Bridge of Earn	6 Monthly	6 Monthly	No Change from November 2013 Frequency
Broadhaugh Poultry Farm Burn	Broadhaugh Poultry Farm	Creiff	Yearly	Yearly	No Change from November 2013 Frequency
Burrelton Burn	Burrelton	Burrelton/Guildtown	Yearly	Yearly	No Change from November 2013 Frequency

Streilitz Burn Burrelton	Burrelton	Burrelton/Guildtown	Yearly	Yearly	No Change from November 2013 Frequency
Wellies Burn	Burrelton	Burrelton/Guildtown	Yearly	Yearly	No Change from November 2013 Frequency
Butterwell Burn	Butterwell	Loch Leven	Yearly	Yearly	No Change from November 2013 Frequency
Calvine drain (big)	Calvine	Blair Atholl	Yearly	Yearly	No Change from November 2013 Frequency
Calvine drain (small)	Calvine	Blair Atholl	Yearly	Yearly	No Change from November 2013 Frequency
Camersey Burn	Camersey	Aberfeldy	Yearly	Yearly	No Change from November 2013 Frequency
Tributary to Camersey Burn	Camersey	Aberfeldy	Yearly	Yearly	No Change from November 2013 Frequency
Un-named Burn through Cambo	Cambo	Cambo	6 Monthly	Yearly	Reduction in Inspection Frequency. Brought into line with areas of similar risk.
Huntly Burn	Castle Huntly	Longforgan	-	Yearly	Addition to Inspection Register
Collace Burn	Collace	Burrelton/Guildtown	Yearly	Yearly	No Change from November 2013 Frequency
Fay Burn	Comrie	Creiff	-	Quarterly	Addition to Inspection Register
Lednock River	Comrie	Creiff	Yearly	Quarterly	Increase in Inspection Frequency
River Earn @ Comrie	Comrie	Creiff	-	Quarterly	Increase in Inspection Frequency
Water of Ruchill	Comrie	Creiff	Quarterly	Quarterly	No Change from November 2013 Frequency
Coupar Angus Burn	Coupar Angus	Blaigowrie	Yearly	6 Monthly	Increase in Inspection Frequency
Kettins Burn	Coupar Angus	Blaigowrie	Yearly	Yearly	No Change from November 2013 Frequency
River Isla @ Coupar Angus	Coupar Angus	Blaigowrie	-	Yearly	Addition to Inspection Register
Turret Burn, Crieff	Crieff	Crieff	Yearly	Yearly	No Change from November 2013 Frequency
Unknown river, Crieff	Crieff	Crieff	Yearly	Yearly	No Change from November 2013 Frequency
Croftinloan burn, Pitlochry	Croftinloan	Pitlochry	Yearly	6 Monthly	Increase in Inspection Frequency
River Devon	Crook of Devon	Crook of Devon	Yearly	Yearly	No Change from November 2013 Frequency
Thorny Burn	Crook of Devon	Crook of Devon	Yearly	Yearly	No Change from November 2013 Frequency
Dalguise Burn	Dalguise	Dunkeld	Yearly	Yearly	No Change from November 2013 Frequency
Dalguise House	Dalguise	Dunkeld	Yearly	Yearly	No Change from November 2013 Frequency
Easter Dalguise Burn	Dalguise	Dunkeld	Yearly	Yearly	No Change from November 2013 Frequency
Middleton Burn	Dalguise	Dunkeld	Yearly	Yearly	No Change from November 2013 Frequency
Dully Ditch (A93)	Dalruizian	Bridge of Cally	Yearly	Yearly	No Change from November 2013 Frequency

Donavour	Donavour	Pitlochry	Yearly	Yearly	No Change from November 2013 Frequency
Balgie Burn	Dron	Bridge of Earn	Yearly	Yearly	No Change from November 2013 Frequency
Dron Burn (Lower)	Dron	Bridge of Earn	Yearly	Yearly	No Change from November 2013 Frequency
Dron Burn (Upper)	Dron	Bridge of Earn	Yearly	Yearly	No Change from November 2013 Frequency
Lilybank	Drum	Crook of Devon	Yearly	Yearly	No Change from November 2013 Frequency
Muirfield	Drum	Crook of Devon	Yearly	Yearly	No Change from November 2013 Frequency
Lossley Burn	Duncruevie	Glenfarg	Yearly	Yearly	No Change from November 2013 Frequency
Allt a Mhadaidh, Dunkeld	Dunkeld	Dunkeld	Yearly	Yearly	No Change from November 2013 Frequency
Inchewan Burn, Dunkeld	Dunkeld	Dunkeld	Yearly	6 Monthly	Increase in Inspection Frequency
Milton of Kincaigie	Dunkeld	Dunkeld	Yearly	Yearly	No Change from November 2013 Frequency
Sawmill Brae Burn	Dunkeld	Dunkeld	Yearly	Yearly	No Change from November 2013 Frequency
Spoutwells Burn	Dunkeld	Dunkeld	-	6 Monthly	Addition to Inspection Register
Duncrub Burn	Dunning	Dunning	Yearly	Yearly	No Change from November 2013 Frequency
Dunning Burn	Dunning	Dunning	Yearly	Yearly	No Change from November 2013 Frequency
Gallows Knowe	Dunning	Dunning	Yearly	Yearly	No Change from November 2013 Frequency
Latch Burn	Dunning	Dunning	Yearly	Yearly	No Change from November 2013 Frequency
Marcassie Burn	Dunning	Dunning	Yearly	Yearly	No Change from November 2013 Frequency
Nethergarvock Burn	Dunning	Dunning	Yearly	Yearly	No Change from November 2013 Frequency
Rossie House 3	Dunning	Forgandenny	Yearly	Yearly	No Change from November 2013 Frequency
Tempar Burn	East Tempar	Loch Rannoch	Yearly	Yearly	No Change from November 2013 Frequency
Easter Balgeddie	Easter Balgeddie	Loch Leven	Yearly	Yearly	No Change from November 2013 Frequency
Burn of Edramucky	Edramucky	Loch Tay	Yearly	Yearly	No Change from November 2013 Frequency
Edramucky Tributary	Edramucky	Loch Tay	Yearly	Yearly	No Change from November 2013 Frequency
Fearnan	Fearnan	Loch Tay	Yearly	Yearly	No Change from November 2013 Frequency
Fearnan Ditch	Fearnan	Loch Tay	Yearly	Yearly	No Change from November 2013 Frequency

Baptism Well 1	Forgandenny	Forgandenny	Yearly	6 Monthly	Increase in Inspection Frequency
County Place 2	Forgandenny	Forgandenny	Yearly	6 Monthly	Increase in Inspection Frequency
Strathallan 4	Forgandenny	Forgandenny	Yearly	Yearly	No Change from November 2013 Frequency
West Lodge Burn	Forneath	Blairgowrie	-	Yearly	Addition to Inspection Register
River Earn @ Forteviot	Forteviot	Forteviot	Yearly	Yearly	No Change from November 2013 Frequency
Fowls Wester North, Fowls Wester	Fowls Wester	Crieff	Yearly	Yearly	No Change from November 2013 Frequency
Bog Burn, Gilmerton	Gilmerton	Crieff	Yearly	Yearly	No Change from November 2013 Frequency
Un-named burn, Gilmerton	Gilmerton	Crieff	Yearly	Yearly	No Change from November 2013 Frequency
Alt Bhreachain	Glen Lyon	Glen Lyon	Yearly	Yearly	No Change from November 2013 Frequency
Alt Ghallabhaich	Glen Lyon	Glen Lyon	Yearly	Yearly	No Change from November 2013 Frequency
Alt Odhar	Glen Lyon	Glen Lyon	Yearly	Yearly	No Change from November 2013 Frequency
Bridge of Balgie	Glen Lyon	Glen Lyon	Yearly	Yearly	No Change from November 2013 Frequency
Chesthill - Alt Lintich	Glen Lyon	Glen Lyon	Yearly	Yearly	No Change from November 2013 Frequency
Coshievile	Glen Lyon	Glen Lyon	Yearly	Yearly	No Change from November 2013 Frequency
Garth House	Glen Lyon	Glen Lyon	Yearly	Yearly	No Change from November 2013 Frequency
Innerwick - Alt a Mhuic	Glen Lyon	Glen Lyon	Yearly	Yearly	No Change from November 2013 Frequency
Invervar Burn	Glen Lyon	Glen Lyon	Yearly	Yearly	No Change from November 2013 Frequency
Keltney Burn	Glen Lyon	Glen Lyon	Yearly	Yearly	No Change from November 2013 Frequency
Calford Bridge	Glenfarg	Glenfarg	Yearly	Yearly	No Change from November 2013 Frequency
Glendeugile	Glenfarg	Glenfarg	Yearly	Yearly	No Change from November 2013 Frequency
Ladeside	Glenfarg	Glenfarg	Yearly	Yearly	No Change from November 2013 Frequency
River Farg	Glenfarg	Glenfarg	Yearly	Yearly	No Change from November 2013 Frequency
Wallace Park	Glenfarg	Glenfarg	Yearly	Yearly	No Change from November 2013 Frequency
Un-named Burn (Glenlomon)	Glenlomon	Loch Leven	Yearly	Yearly	No Change from November 2013 Frequency
Millstone Burn	Greenloaning	Braco	Yearly	6 Monthly	Increase in Inspection Frequency
Cambusmichael Burn	Guildtown	Burrelton/Guildtown	Yearly	Yearly	No Change from November 2013 Frequency
Hallroom Burn	Guildtown	Burrelton/Guildtown	Yearly	Yearly	No Change from November 2013 Frequency

School Road Burn	Guildtown	Burrelton/Guildtown	Yearly	Yearly	No Change from November 2013 Frequency
Baldowie Burn	Hill of Baldowie	Meigle/Newtyle	Yearly	Yearly	No Change from November 2013 Frequency
Dean Water	House of Cardean	Meigle/Newtyle	Yearly	Yearly	No Change from November 2013 Frequency
Millhills Bridge	Innerpeffray	Crieff	Yearly	Yearly	No Change from November 2013 Frequency
Invergowrie Burn	Invergowrie	Invergowrie	Yearly	6 Monthly	Increase in Inspection Frequency
Den Burn, Kellor	Kellor	Meigle/Newtyle	Yearly	Yearly	No Change from November 2013 Frequency
Alt a Bhealaich	Kenmore	Kenmore	Yearly	Yearly	No Change from November 2013 Frequency
Alt na Ceardaich	Kenmore	Kenmore	Yearly	Yearly	No Change from November 2013 Frequency
Balnaskeag	Kenmore	Kenmore	Yearly	Yearly	No Change from November 2013 Frequency
Balnaskeag 2	Kenmore	Kenmore	Yearly	Yearly	No Change from November 2013 Frequency
Balnaskeag 3	Kenmore	Kenmore	Yearly	Yearly	No Change from November 2013 Frequency
Croft na Caber	Kenmore	Kenmore	Yearly	Yearly	No Change from November 2013 Frequency
Mains of Taymouth	Kenmore	Kenmore	Yearly	Yearly	No Change from November 2013 Frequency
Manse Cottage Drain	Kenmore	Kenmore	Yearly	Yearly	No Change from November 2013 Frequency
Diech Burn	Kilgraston	Bridge of Earn	Yearly	Yearly	No Change from November 2013 Frequency
Alt Chluain	Killiecrankie	Killiecrankie	Yearly	Yearly	No Change from November 2013 Frequency
Alt Girnalg	Killiecrankie	Killiecrankie	Yearly	Yearly	No Change from November 2013 Frequency
Tenandry	Killiecrankie	Killiecrankie	Yearly	Yearly	No Change from November 2013 Frequency
Langley Burn	Kirfauns	Perth	Yearly	6 Monthly	Increase in Inspection Frequency
River Earn @ Kinkell Bridge	Kinkell Bridge	Crieff	Yearly	Yearly	No Change from November 2013 Frequency
Alt Mor	Kinloch Rannoch	Loch Rannoch	Yearly	Yearly	No Change from November 2013 Frequency
Kinloch Rannoch Burn	Kinloch Rannoch	Loch Rannoch	Yearly	Yearly	No Change from November 2013 Frequency
Un-named Burn (Kinnesswood)	Kinnesswood	Loch Leven	Yearly	Yearly	No Change from November 2013 Frequency
Clash Burn	Kinross	Loch Leven	Yearly	6 Monthly	Increase in Inspection Frequency
Dis-used Lade	Kinross	Loch Leven	Yearly	No longer required	To be included in South Quiech Assessment
Gairney Water	Kinross	Loch Leven	Yearly	Yearly	No Change from November 2013 Frequency
Gelly Burn	Kinross	Loch Leven	-	6 Monthly	Addition to Inspection Register

Pow Burn	Kinross	Loch Leven	Yearly	6 Monthly	Increase in Inspection Frequency
Ury Burn	Kinross	Loch Leven	Yearly	6 Monthly	Increase in Inspection Frequency
Wester Buttergask Culvert	Kinrossie	Burrelton/Guildtown	Yearly	Yearly	No Change from November 2013 Frequency
Alit Cammnacar, Lair of Glenshee	Kirkmichael	Bridge of Cally	Yearly	Yearly	No Change from November 2013 Frequency
Alit Clappy	Kirkmichael	Bridge of Cally	Yearly	Yearly	No Change from November 2013 Frequency
Knockdarroch, Pitlochry	Knockdarroch	Pitlochry	Yearly	Yearly	No Change from November 2013 Frequency
Lawers Burn	Lawers	Loch Tay	Yearly	Yearly	No Change from November 2013 Frequency
Lawers Burn Tributary	Lawers	Loch Tay	Yearly	Yearly	No Change from November 2013 Frequency
Alit a Cragain Odhair	Loch Rannoch	Loch Rannoch	Yearly	Yearly	No Change from November 2013 Frequency
Innerhadden Burn	Loch Rannoch	Loch Rannoch	Yearly	Yearly	No Change from November 2013 Frequency
Alit a Mhoirneas	Loch Tay (North Side)	Loch Tay	Yearly	Yearly	No Change from November 2013 Frequency
Boreland	Loch Tay (North Side)	Loch Tay	Yearly	Yearly	No Change from November 2013 Frequency
Greenacres Ditch	Loch Tay (North Side)	Loch Tay	Yearly	Yearly	No Change from November 2013 Frequency
Acharrn Burn	Loch Tay (South Side)	Loch Tay	Yearly	Yearly	No Change from November 2013 Frequency
Achianich	Loch Tay (South Side)	Loch Tay	Yearly	Yearly	No Change from November 2013 Frequency
Alit Ruadh	Loch Tay (South Side)	Loch Tay	Yearly	Yearly	No Change from November 2013 Frequency
Ardeonaig Burn	Loch Tay (South Side)	Loch Tay	Yearly	Yearly	No Change from November 2013 Frequency
Ardtalnaig Burn	Loch Tay (South Side)	Loch Tay	Yearly	Yearly	No Change from November 2013 Frequency
Brachen Lodges	Loch Tay (South Side)	Loch Tay	Yearly	Yearly	No Change from November 2013 Frequency
Creag Mhor Quarry	Loch Tay (South Side)	Loch Tay	Yearly	Yearly	No Change from November 2013 Frequency
Kepranich Un-named 18	Loch Tay (South Side)	Loch Tay	Yearly	Yearly	No Change from November 2013 Frequency
Kepranich Un-named 2 9	Loch Tay (South Side)	Loch Tay	Yearly	Yearly	No Change from November 2013 Frequency
Remony Burn 10	Loch Tay (South Side)	Loch Tay	Yearly	Yearly	No Change from November 2013 Frequency
Remony Burn Tributary 11	Loch Tay (South Side)	Loch Tay	Yearly	Yearly	No Change from November 2013 Frequency
Shenlarich Un-named 12	Loch Tay (South Side)	Loch Tay	Yearly	Yearly	No Change from November 2013 Frequency
Alit a Bheithie	Loch Tummel	Loch Tummel	Yearly	Yearly	No Change from November 2013 Frequency
Alit Kynachan	Loch Tummel	Loch Tummel	Yearly	Yearly	No Change from November 2013 Frequency

Alit Tarruinchon	Loch Tummel	Loch Tummel	Yearly	Yearly	No Change from November 2013 Frequency
Dalcroy Cottages	Loch Tummel	Loch Tummel	Yearly	Yearly	No Change from November 2013 Frequency
Foss Home Farm	Loch Tummel	Loch Tummel	Yearly	Yearly	No Change from November 2013 Frequency
Glenfincastle Burn	Loch Tummel	Loch Tummel	Yearly	Yearly	No Change from November 2013 Frequency
Holiday Park Burn	Loch Tummel	Loch Tummel	Yearly	Yearly	No Change from November 2013 Frequency
Loch Tummel Drain 1	Loch Tummel	Loch Tummel	Yearly	Yearly	No Change from November 2013 Frequency
River Tummel	Loch Tummel	Loch Tummel	Yearly	Yearly	No Change from November 2013 Frequency
Straththummel Burn	Loch Tummel	Loch Tummel	Yearly	Yearly	No Change from November 2013 Frequency
Camel Burn	Lothries	Loch Leven	Yearly	Yearly	No Change from November 2013 Frequency
Pitcastle Burn	Mains of Pitcastle	Pitlochry	Yearly	Yearly	No Change from November 2013 Frequency
Canno Burn 1	Meigle	Meigle/Newtyle	Yearly	Yearly	No Change from November 2013 Frequency
Canno Burn 2	Meigle	Meigle/Newtyle	Yearly	Yearly	No Change from November 2013 Frequency
Meigle Burn, Meigle	Meigle	Meigle/Newtyle	Yearly	6 Monthly	Increase in Inspection Frequency
Methven Burn and tributary	Methven	Perth	Yearly	Yearly	No Change from November 2013 Frequency
Rorrie Terrace Drain	Methven	Perth	Yearly	Yearly	No Change from November 2013 Frequency
Bailey Bridge	Middle Mause Farm	Bridge of Cally	Yearly	Yearly	No Change from November 2013 Frequency
Cotton Burn	Milltown of Aberalgie	Perth	Yearly	Yearly	No Change from November 2013 Frequency
Back - Fochy Burn	Millnathort	Loch Leven	Yearly	6 Monthly	Increase in Inspection Frequency
Burleigh Burn	Millnathort	Loch Leven	Yearly	Yearly	No Change from November 2013 Frequency
North Queich	Millnathort	Loch Leven	Yearly	6 Monthly	Increase in Inspection Frequency
South Queich	Millnathort	Loch Leven	Yearly	6 Monthly	Increase in Inspection Frequency
Ibert Burn	Monzie	Crieff	Yearly	Yearly	No Change from November 2013 Frequency
Shaggie Burn	Monzie	Crieff	Yearly	Yearly	No Change from November 2013 Frequency
Morganstone Burn (A93)	Morganston (A93)	Bridge of Cally	Yearly	Yearly	No Change from November 2013 Frequency
South Morganstone Burn (A93)	Morganston (A93)	Bridge of Cally	Yearly	Yearly	No Change from November 2013 Frequency
Ninevah	Murthly	Stanley/Murthly	Yearly	Yearly	No Change from November 2013 Frequency
Muthill	Muthill	Crieff	Quarterly	6 Monthly	Reduction in Inspection Frequency. Brought into line with areas of similar risk.

Thorn House Culvert	New Alyth	Blaigowrie	Yearly	Yearly	No Change from November 2013 Frequency
New Fowls Burn	New Fowls	Crieff	Yearly	Yearly	No Change from November 2013 Frequency
Bellwood Park Burn	Perth	Perth	Yearly	Yearly	No Change from November 2013 Frequency
Candy Craig Knowe Drain	Perth	Perth	6 Monthly	Yearly	Reduction in Inspection Frequency. Brought into line with areas of similar risk.
Craigie Burn	Perth	Perth	6 Monthly	6 Monthly	No Change from November 2013 Frequency
Deuchny Burn	Perth	Perth	Yearly	Yearly	No Change from November 2013 Frequency
Gannochy Drain	Perth	Perth	Yearly	Yearly	No Change from November 2013 Frequency
River Tay @ Perth	Perth	Perth	Yearly	Yearly	Addition to Inspection Register
Scouring Burn	Perth	Perth	6 Monthly	6 Monthly	No Change from November 2013 Frequency
Town Lade	Perth	Perth	6 Monthly	6 Monthly	No Change from November 2013 Frequency
Gelly Burn	Pitlochry	Perth	Yearly	Yearly	No Change from November 2013 Frequency
Ballinluig burn	Pitlochry	Pitlochry	Yearly	Yearly	No Change from November 2013 Frequency
Ballyoukan	Pitlochry	Pitlochry	Yearly	Yearly	No Change from November 2013 Frequency
Ballyoukan	Pitlochry	Pitlochry	Yearly	Yearly	No Change from November 2013 Frequency
Donavoured	Pitlochry	Pitlochry	Yearly	Yearly	No Change from November 2013 Frequency
Edradour Burn	Pitlochry	Pitlochry	Yearly	Yearly	No Change from November 2013 Frequency
Kinnaird Burn	Pitlochry	Pitlochry	Yearly	Yearly	No Change from November 2013 Frequency
Lochbroom Burn	Pitlochry	Pitlochry	Yearly	Yearly	No Change from November 2013 Frequency
Moulin Burn	Pitlochry	Pitlochry	6 Monthly	6 Monthly	No Change from November 2013 Frequency
River Tummel @ Pitlochry	Pitlochry	Pitlochry	-	Yearly	Addition to Inspection Register
The Culic Burn	Pitlochry	Pitlochry	Yearly	Yearly	No Change from November 2013 Frequency
Wester Kinnaird Burn and Tributary	Pitlochry	Pitlochry	Yearly	6 Monthly	Increase in Inspection Frequency
Gairney Burn	Powmill	Crook of Devon	Yearly	Yearly	No Change from November 2013 Frequency
Rattray Burn - Davie Park	Rattray	Blaigowrie	Yearly	Yearly	No Change from November 2013 Frequency
Rattray Burn (Annadale)	Rattray	Blaigowrie	Yearly	Yearly	No Change from November 2013 Frequency
Westfield Common Burn (Formerly Westfield Play Park)	Rattray	Blaigowrie	Yearly	6 Monthly	Increase in Inspection Frequency
Rumbling Bridge	Rumbling Bridge	Crook of Devon	Yearly	Yearly	No Change from November 2013 Frequency

Annaty Burn	Scone	Perth	Yearly	6 Monthly	Increase in Inspection Frequency
Barrell Drain	Scone	Perth	-	2 yearly	Addition to Inspection Register
Bleachie Burn	Scone	Perth	-	6 Monthly	Addition to Inspection Register
South Cally Lodge Culvert	South Cally	Bridge of Cally	Yearly	Yearly	No Change from November 2013 Frequency
Spittalfield Burn	Spittalfield	Stanley/Murthly	Yearly	Yearly	No Change from November 2013 Frequency
B9099 culvert	Stanley	Stanley/Murthly	Yearly	Yearly	No Change from November 2013 Frequency
Mill Road Burn	Stanley	Stanley/Murthly	Yearly	Yearly	No Change from November 2013 Frequency
Stanley Mills	Stanley	Stanley/Murthly	Yearly	Yearly	No Change from November 2013 Frequency
Waukmill Lade near Stormontfield	Stormontfield	Burrelton/Guildtown	Yearly	Yearly	No Change from November 2013 Frequency
Straloch House Ditch	Straloch	Bridge of Cally	Yearly	Yearly	No Change from November 2013 Frequency
Bridge of Cally Strone Village hall	Strone	Bridge of Cally	Yearly	Yearly	No Change from November 2013 Frequency
Trinity Gask (Crieff South)	Trinity Gask	Crieff	Yearly	Yearly	No Change from November 2013 Frequency
Millburn Culvert	Tullyfergus	Blaigowrie	Yearly	Yearly	No Change from November 2013 Frequency
Muirfield Drain	Upper Muirhall	Perth	Yearly	Yearly	No Change from November 2013 Frequency
Wester Balgeddie 1	Wester Balgeddie	Loch Leven	Yearly	Yearly	No Change from November 2013 Frequency
Wester Balgeddie 2	Wester Balgeddie	Loch Leven	Yearly	Yearly	No Change from November 2013 Frequency
Wester Balgeddie 3	Wester Balgeddie	Loch Leven	Yearly	Yearly	No Change from November 2013 Frequency