

River Basin Management Plans 2015 – 2021

North Eastern River Basin District

Record of Public Participation and Consultation

December 2015



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Record of Consultation and Participation

As a requirement of Article 14 of the Water Framework Directive (WFD), it is necessary to encourage the active involvement of all interested parties in the implementation of the WFD, in particular in relation to the production, review and updating of River Basin Management Plans. This background document summarises the steps taken nationally and within the North Eastern District to ensure that the development of the River Basin Management Plan has been produced through consultation and engagement with interested parties. The steps are summarised in three sections on:

- Consultation;
- Stakeholder Engagement; and
- Public access to information.

As part of the plan, the updated Record of Consultation and Participation sets out the consultation measures undertaken and identifies the changes that have been made to the plan as a result of the public consultation process.

1.0 Consultations

Table 1.0 outlines the consultations on Water Framework Directive that have been undertaken nationally and in the North Eastern River Basin District and the key outcomes arising from the consultations to ensure that the River Basin Management Plan has been produced through consultation and engagement with interested parties

Table 1 Consultations undertaken nationally and within Northern Ireland River Basin Districts

Title	Means of Dissemination	Key Outcomes
Consultations		
Water Framework Directive (Priority Substances and Classification) Regulations (Northern Ireland) 2010	The document was published on the Department of Environment (DOE) (www.doeni.gov.uk) website June 2010.	Synopsis of responses to the Consultation Was published on the Department of Environment website in September 2010
The Water Framework Directive (Priority Substances and Classification) Regulations (Northern Ireland) 2011	The document was published on the DOE website (www.doeni.gov.uk) and http://www.legislation.gov.uk/	January 2011
Guidance on the Water Framework Directive (Priority Substances and Classification) Regulations (Northern Ireland) 2011	The document was published on the DOE website. (www.doeni.gov.uk)	
Final Regulatory Impact Assessment (in respect of the Water Framework Directive (Priority Substances and Classification) Regulations (Northern Ireland) 2011)	The document was published on the DOE website. (www.doeni.gov.uk)	
The Water Framework Directive (Priority Substances and Classification) (Amendment) Regulations (Northern Ireland) 2012	The document was published on the DOE website. (www.doeni.gov.uk) and http://www.legislation.gov.uk/ Hard copy was available on request, from Northern Ireland Environment Agency (NIEA), Water Management Unit, 17 Antrim Road, Lisburn.	Published December 2012 These Regulations amend the date, by which the Department of the Environment has to establish an inventory of emissions, discharges and losses of all substances listed in Table 38 of Part 2 of Schedule 1 to the Water Framework (Priority Substances and Classification) Regulations (Northern Ireland) 2011 from 31 st December 2012 to 22 nd December 2013
Draft Water Framework Directive (Priority Substances and Classification) (Amendment) Regulations (Northern Ireland) 2014	This document was published on the DOE Website, (www.doeni.gov.uk) with hardcopies available on request from Water Policy Team, Goodwood House, 44 – 58 May Street, Belfast, BT1NN	Consultation was open from 4 th June 2014 – 30 th September 2014 Final document - The Water Framework Directive (Priority Substances And Classification)

<p>Purpose to seek views on the introduction of new and updated environmental standards for Northern Ireland's water through amendments. These amendments are based on recommendations from WFD UKTAG in respect of biological, phosphorus and environmental standards</p>	<p>A number of consultees were advised directly about the consultation.</p>	<p>(Amendment) Regulations (Northern Ireland) 2015</p> <p>Came into operation 4th March 2015.</p>
<p>Proposals on consolidated Water Framework Directive Priority Substances and Classification Regulations 2015</p> <p>Purpose to seek views on the proposal to produce a consolidated set of regulations which incorporate the relevant parts of the two Priority Substances Directives and relevant parts of the NI Regulations which set out the WFD classification scheme.</p>	<p>This document was published on the DOE Website, with hardcopies available on request from Water Policy Team, Goodwood House, 44 – 58 May Street, Belfast, BT1NN</p> <p>A number of consultees were advised directly about the consultation.</p>	<p>Consultation opened 15th June 2015 – 21st August 2015</p>
<p>UKTAG Methodology for determining hazardous substances in groundwater</p>	<p>All documents relating to this consultation and final documents were published on the UKTAG website. (www.wfduk.org)</p>	<p>Between June and August 2011, a consultation took place on the methodology. The revised methodology was issued on 28th June 2012, along with the consultation response document.</p> <p>Final revised Methodology - 120628 JAGDAG det meth final.pdf</p> <p>Response on Final revised Methodology - 120628 Consult responses Final.pdf</p>
<p>UKTAG Hazardous / non-hazardous pollutant assessment of 20 substances: 2013/14</p> <p>A public consultation was carried out on twenty substances, which were assessed in accordance with the methodology for determining hazardous substances for the purposes of the Water Framework Directive (WFD) and Groundwater Daughter Directive</p>	<p>All document relating to this consultation and final documents were published on the UKTAG website. (www.wfduk.org)</p>	<p>This consultation was open February - March 2013.</p> <p>The consultation amounted to a practical trial of the determination methodology, the results of which are summarised in the consultation response document. In view of the concerns raised in the consultation, revisions are being made to the methodology; these will go out for</p>

<p>(GWDD), and as required under legislation that transposes these requirements into domestic legislation in the UK and Ireland.</p>		<p>consultation in mid 2015.</p>
<p>UKTAG Environmental Standards Phase 3</p>	<p>All document relating to this consultation and final documents were published on the UKTAG website. (www.wfduk.org)</p>	<p>Following a consultation that ended in June 2012, UKTAG finalised Phase 3 of its review of environmental standards.</p> <p>The Interim Final Environmental Standards Phase 3 Report (not including zinc) was published in February 2013 following consultation feedback.</p> <p>The Environmental Standards Phase 3 Final Report (including zinc) was published in November 2013. Some minor amendments have been made since November, detailed in the change log.</p> <p>UKTAG produced a response to the consultation comments explaining how feedback has been incorporated into the final recommendations.</p>
<p>UKTAG Final Recommendations on Biological and Phosphorus Standards</p> <p>Two reports were produced recommending new phosphorus for rivers and biological standards for rivers, lakes and marine, after consultation.</p>	<p>The documents relating to the consultation and final document were published on the UKTAG website. (www.wfduk.org) The consultation document in December 2012 with the final recommendation document being published 30th September 2013.</p>	<p>This consultation was open from 10th December 2012 – 28th February 2013.</p> <p>Response to both consultations were published on the UKTAG website (www.wfduk.org)</p> <p>The final recommendation document was published 30th September 2013 on the UKTAG website. (www.wfduk.org)</p> <p>Some minor amendments have been made since November 2013, detailed in the change log. The final recommendations documents have been updated accordingly.</p>
<p>UKTAG Good Ecological Potential Mitigation Consultation 2013</p> <p>UKTAG first published guidance on the</p>	<p>The document was published on the UKTAG website in 30th September 2013. (www.wfduk.org)</p>	<p>This consultation closed 16th August 2013.</p>

<p>classification of ecological potential in 2008. This guidance has been reviewed which has led to proposals to better define a default flow regime for good ecological potential in rivers downstream of reservoirs and their intakes</p>		<p>A summary of responses received and the final River Flow for GEP final recommendations were published on the UKTAG website 30th September 2013.</p>
<p>Timetable and Work Programme for Development of the Second Cycle River Basin Management Plans 2015-2021</p> <p>This document outlined the consultations to be undertaken to develop the second cycle RBMPs 2015 – 2021. It set out the timetable and work programme to produce the second cycle and asked stakeholders to suggest new ways they could become involved.</p>	<p>The document was published on both the NIEA and DOE website in 18th December 2012</p> <p>Details were highlighted at WFD Stakeholder Forum and Catchment Stakeholder Groups.</p> <p>The document was circulated as per Department's circulation list and made available in hard copy, if requested, from DOE, Environmental Policy Division, Goodwood House, 44 – 58 May Street, Belfast, BT1NN</p>	<p>The statutory consultation was held during 20th December 2012 – 22nd June 2013</p> <p>A total of 5 substantive comments were received, all from non-governmental organisations.</p> <p>A Synopsis of Responses to the consultation was published on the DOE and NIEA websites September 2013.</p>
<p>Significant Water Management Issues for the North Eastern River Basin Districts within Northern Ireland.</p> <p>The documents set out the latest assessment of the pressures and impacts on the water environment, describing progress made towards achieving the 2015 objectives and issues still needing to be addressed.</p>	<p>This document and supporting information were published on both the NIEA and DOE websites on 22nd December 2013 and made available in hard copy, if requested, from NIEA, Water Management Unit, 17 Antrim Road, Lisburn.</p> <p>Details were highlighted at WFD Stakeholder Forum and Catchment Stakeholder Groups.</p> <p>The consultation was also advertised in the Belfast Gazette (6th January 2014), Belfast Telegraph (10th and 17th January 2014), Newsletter and Irish News (10th January 2014)</p>	<p>This statutory consultation was held during the period 22nd December 2013 – 22nd June 2014</p> <p>A total of 18 substantive comments were received</p> <p>A Synopsis of the Responses to the consultation was produced and published on the DOE and NIEA websites September 2014.</p> <p>Feedback from the consultation will help in developing proposals for the draft second cycle RBMPs.</p>
<p>North Eastern Draft River Basin Management Plan 2015 - 2021</p> <p>This plan is an update to the Plan published in December 2009 and provide an overview of the</p>	<p>This and relating supporting documents were published on the NIEA website 22nd December 2014. Links to the documents were also provided on the DOE website.</p> <p>The consultation was also advertised in the Belfast Telegraph (22nd December and 5th January 2015),</p>	<p>The consultation was held from 22nd December 2014 – 22nd June 2015.</p> <p>A total of 22 responses were received. A synopsis of the comments received will be available on</p>

proposed changes	<p>Newsletter and Irish News (22nd December 2014)</p> <p>Consultation responses were returned to the River Basin Planning Team via e-mail or post</p>	<p>request and on the DOE website in early 2016.</p> <p>The comments from the consultation have been noted and included within the final version of the Plans.</p>
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Table 2 –Stakeholder Engagement within Northern Ireland River Basin Districts

Below is a catalogue of scheduled meetings in which NIEA engaged with stakeholders. This includes public meetings with the Catchment Stakeholder Groups (CSG) focused upon specific catchments; a national stakeholders’ forum; and projects delivered in partnership with stakeholders. This is not a definitive account of all engagement within this reporting cycle, as many more less formal, ad hoc forms of engagement took place.

Groups	Details of Events	Key Outcomes
<p>Catchment Stakeholder Group Meetings</p> <p>Catchment Stakeholder Groups (CSG) comprise of local and regional stakeholder sectors/groups, and relevant Government agencies; brought together to support and encourage a joint approach to identifying and solving catchment scale water quality management issues which supports implementation of the Water Framework Directive. The CSG meeting occur on a biannual basis and are open to the public.</p>	<p>There are 4 Catchment Stakeholder Groups within the North Eastern RBD:</p> <ul style="list-style-type: none"> Bush and Glens Belfast Lough and Lagan Strangford and Lecale Carlingford and Mourne <p>A database of stakeholder contact information has been maintained by NIEA in order to forward information and details of meetings.</p> <p>Since 2010 these groups have met 10 times. Dates of the meetings are list in Appendix 1</p> <p>Meetings include presentation providing a regional operation update, Catchment Management Officer update and then a guest speaker e.g. River’s Agency, Ulster Wildlife Trust, AFBI, Local Biodiversity Officer, Local Angling club. Some of the meetings had</p>	<p>More effectively addresses local water management issues by Regional and Catchment Management Officers.</p> <p>Greater sense of local involvement in water management issues.</p> <p>Helps in increasing awareness and understanding of linkages between River Basin Plans and local water management issues.</p> <p>Minutes and presentations from all the CSG meetings were published in the NIEA website.</p>

	a workshop element when starting to create action plans allowing local issues to be identified and incorporated into the plan.	
<p>N.I. Water Framework Directive Stakeholder Forum</p> <p>This forum covers a wide range of interests, including the environment, industry, agriculture and conservation; members include Ulster Angling Federation, Ulster Farmers Union, Royal Society for the Protection of Birds, NI biodiversity Group and various government departments.</p>	<p>The Forum has met 14 times since 3rd March 2009, most recently 16th September 2015.</p> <p>2015 - 25th March, 16th September 2014 - 17th September, 18th June, 3rd April 2013 - 19th June, 20th March 2012 - 10 December, 18th April 2011 - 19 October, 13 April 2010 - 13 April 2009 - 8th December, 3rd March</p>	<p>Minutes of the meeting and related papers were published on the DOE Website.</p>
<p>The Freshwater Summit</p> <p>An outcome from the Stakeholder Forum. The invitees included active stakeholders</p>	<p>First summit 9th January 2014, Lagan Valley Island Centre Lisburn.</p> <p>Presentations focused on the positives, the challenges ahead and progress made to date, with speaker from NIEA River Basin Planning, Northern Ireland Water, Ulster Farmers Union and Freshwater Task Force</p> <p>Second summit 28th August 2014, Lagan Valley Island Centre Lisburn.</p> <p>Presentation included – Summary of response to Significant Water management Issues Consultation. Water Catchment Partnership and Action Plan from the first summit.</p>	<p>To agree an action plan addressing key issues raised during the summit.</p> <p>To finalise the action plan, with the issues feeding into the second cycle River Basin Plan Programme of measures.</p>
<p>Water Environment Community Award Recipients within the North Eastern RBD.</p>	<p>Group Awarded</p>	<p>Project Summary</p>
	<p>Running Waters (Friend of Falls Park)</p>	<p>Ballymurphy Stream - 4 public events delivered including walks and dawn chorus</p>

<p>These awards were open to any individuals and groups who had a project that helped spread the word about the importance of our water environment and inspire others to protect this valuable resource. Nine awards of £1,000 each were awarded in May 2011 and March 2012 to implement the projects throughout Northern Ireland.</p> <p>The award was promoted through the NIEA website, mailing lists and at CSG meetings.</p>	Water For Life Project (Causeway Coast & Glens)	Two Arroy primary schools became 'water detectives' learning about River Bush from source to sea
	Cloughey Bay and Beach Project (Cloughey and District Community Association)	Raised awareness of Cloughey Beach and Dune System. Beach cleans, education week at local schools and sand sculpting event.
	Inspire Mayfly Classroom (Dibney Rivers Trust)	Education and art project, including river cleans, walks and talks to improve value of water understanding.
	Larne High School	Created school garden incorporating pond in the centre
	Saints Saves the River Path (Saints Youth Centre)	Education about the water environment
	Cloughey Beach (Cloughey and District Community Association)	Promote Water Quality and Clean Beaches, Sand Sculpting event, Bag It & Bin It
<p>Water Quality Improvement Grant Projects within the North Eastern RBD.</p> <p>NIEA piloted a dedicated competitive grant scheme which was used to allocate funds to voluntary 'not for profit' bodies and local councils. The grants were designed to improve the aquatic environment and attain Water Framework Objectives as identified in the River Basin Management Plans. Each individual project was capped at £10K, with 5 projects awarded in this RBD for the 2 years the scheme ran.</p>	<p>The Grant was promoted through the NIEA website, mailing lists and at CSG meetings.</p> <p><u>Awarded Project Titles</u></p> <p>Wetland Restoration Project at Balloo Nature Reserves</p> <p>River Restoration Project, River Lagan, Donaghcloney Weir Removal</p> <p>New Wetland Treatment System - WWT Castle Espie</p> <p>Buffer Zone Project - Upper Lagan – Dromore (phase 1)</p> <p>Bank Enhancement at Nelly's Dam - Three Mile Water</p>	<p>An overview of each project is listed in Appendix 2</p>

<p>Consultation on format for future stakeholder engagement.</p>	<p>A Survey was sent to all participants within the Catchment Stakeholder Groups 28th July 2015 to explore how best to engage with stakeholders in a meaningful and productive manor through the second cycle of the Water Framework Directive.</p>	<p>The survey closed 21st August 2015</p> <p>56 replies were received.</p> <p>Outcome to hold 1 Catchment Stakeholder meeting within the River Basin District per year, with a biennial conference but continue with bilateral meetings with specific stakeholders.</p> <p>Synopsis of results of survey available upon request.</p>
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Table 3: Public Access to Information

It is necessary to ensure that stakeholders and the public have access to information they need to understand and comment on the development of the River Basin Management Plan. Significant efforts have been made to make information on the Water Framework Directive and the river basin planning process easily accessible to the public. The following table outlines the methods of dissemination that have been used to facilitate understanding of the Water Framework Directive and encourage participation in the development of draft River Basin Management Plans.

Means of Dissemination	Activities
<p>NIEA Website</p>	<p>A Water Framework Directive section was set up on the NIEA website. This section included information relating to the first and draft second cycle River Basin Plans. Main pages/sub sections within it included</p> <ul style="list-style-type: none"> • River Basin management plans 2015-2021 – included draft plan, related supporting documents, Significant Water Management Issues 2013 report. • River Basin Planning 2009 – 2015 – included 1st cycle plan, supporting documents, additional consultations • The River Basin map viewers - 1st and draft 2nd cycle • Public participation in river basin planning – details of Catchment Stakeholder Groups including minutes of meetings and presentations • Assessing the impact of the plan • Economic value of water <p>In November 2015 the DOE and NIEA websites were redesigned, so layout and content on the page has changed but there is a main page dedicated to River Basin Planning where the River Basin Management Summary Documents 2009 and 2015 are available https://www.doeni.gov.uk/topics/water/river-basin-management with all other supporting documents located within the publications section.</p>
<p>DOE Website</p>	<p>Water Framework Directive page was set up on the DOE website. This page contained information relating to Water Framework Directive consultations and public participation – Stakeholder Forum minutes and presentations. It also contained links to the NIEA related section.</p> <p>In November 2015 this website was redesigned. (http://www.doeni.gov.uk)</p>
<p>Catchment Stakeholder Group Electronic Newsletters (E-zines)</p>	<p>E-zines were produced for each Catchment Stakeholder Group. These were sent to stakeholder group members and were also available on the NIEA website. These newsletters we designed to help develop involvements at a local level with implementing the River Basin Plan.</p>

	Bush & Glens CSG – 5 issues, Belfast Lough & Lagan CSG - 6 issues, Strangford & Lecale CSG – 8 issues and Carlingford & Mourne CSG 4 issues.
NIEA properties	Consultation documents and leaflets were made available from reception areas and information centres in NIEA properties.
Public events	<p>NIEA staff support a number of local groups, providing advice and guidance as required and attend events to raise awareness of the water environment. This includes providing information on river basin management plans, local management area action plans and a display of 'good bugs/bad bugs'. These include agricultural shows, angling and community events. Examples include:</p> <ul style="list-style-type: none"> • Balmoral Show 2011 – 2014 (incl demonstration River Basin Planning Web mapper) • Greenmount Horticultural Show September 2012 and Centenary Show June 2013 • Bushmills Salmon Station Open Day July 2011, July 2012, September 2013, September 2014 • Water Detectives Water Journey, Portballintrae June 2011 • Armoy Environment Day June 2013, 2014 and 2015 • Irish International Fly Fair – Killyleagh July 2010, July 2011, June 2012 • Fly fishing festival, Newtownstewart May 2011 • Garden show, Hillsborough May 2011 • Shoreline Festival, Newtownabbey August 2011 • Beach Clean Events September 2011 • Spring Fair, Malone House April 2012 • BioBlitz, Crawfordsburn May 2012, • Belfast Castle May 2013 • Cloughey Sand Sculpture Day August 2012, August 2013 • River Lagan Big Spring Clean April 2013 • Lagan Rivers Trust Riverfly Monitoring Initiative Training April 2013 • Clogher Valley Show July 2013 • Inler Angling Club Riverfly Monitoring Initiative Training Sept 2013
Publicity material	<p>Some guidance documents have also been produced for example on "Care in Agrichemical use near Waterways", "Proper use of Drains", "Landowner Awareness – Improving Water Quality in your local area" leaflet developed jointly with Loughs Agency, Ulster Farmers Union and DARD to raise awareness amongst landowners, "Surface Water Alterations Handbook" 'NIEA & Water Pollution – Improving water quality' postcards produced to raise awareness on the role of the NIEA Regional Operations team and who to contact if water pollution is observed, were produced and made available at all public events, Catchment Stakeholder Group meetings and at the Stakeholder Forum. Water quality plans in action' article was published in the Farming Life October 2010.</p>

	<p>Water Management Fact and Figures Booklet were produced 2011 – 2014. A publication providing a handy reference to facts and figures on condition of Northern Ireland's Waters.</p> <p>239 Pollution hotline signs have been erected throughout Northern Ireland.</p>
<p>Public notices</p>	<p>Notices of the publication of the consultation documents were placed in the Irish News, Newsletter, Belfast Gazette and Belfast Telegraph in line with their various publication dates.</p> <p>Notices were placed for</p> <ul style="list-style-type: none"> • 2015 - 2021 Draft River Basin Management Plans; • Significant Water Management Issues for the Three River Basin Districts within Northern Ireland; • The Timetable and Work Programme for Development of the Second Cycle River Basin Management Plans 2015-2021;

Appendix 1

Catchment Stakeholder Group Meetings in the North Eastern RBD 2010 - 2015

Catchment Group	Date	Venue
<u>Belfast Lough and Lagan</u>	5 th May 2010	Island Civic Centre, Lagan Valley Island, Lisburn
	25 th May 2011	Mossley Mill, Newtownabbey
	17 th May 2012	Community Room, Hillsborough Courthouse
	8 th November 2012	Mossley Mill, Newtownabbey
	25 th May 2013	North Down Borough Council, The Craig Room, The Town Hall, The Castle, Bangor
	12 th November 2013	Hillsborough Courthouse, Hillsborough
	27 th May 2014	Mossley Mill, Newtownabbey
	26 th May 2015	Yarn Suite, Mossley Mill, Newtownabbey
<u>Bush and Glens</u>	13 th May 2010	Armoy Community Association, Main Street, Armoy
	14 th October 2010	Armoy Community Association, Main Street, Armoy
	19 th April 2011	Cushendall District Development Group
	18 th October 2011	Cushendall District Development Group, Mill Street, Cushendall
	25 th April 2012	Cushendall Development Group
	10 th October 2012	Glenlough Community Centre, Carnlough
	1 st May 2013	Armoy Community Association, 16 Main Street, Ballymoney
	17 th October 2013	Ballygally Hall, 300 Coast Road, Ballygally
	30 th April 2014	Causeway Coast & Glens Heritage Trust, The Old Bank Building, Armoy
	13 th May 2015	Bushmills Community Centre
<u>Strangford & Lecale</u>	27 th May 2010	Lisbarnett & Lisbane Community Association, Lisbane, Comber
	2 nd November 2010	Exploris Aquarium, Portaferry
	13 th April 2011	Down County Museum
	13 th October 2011	Down District Council, 24 Strangford Road, Downpatrick
	2 nd May 2012	Lisbarnett & Lisbane Community Association Ltd
	2 nd October 2012	Down County Museum, Downpatrick
	24 th April 2013	Downshire Civic Centre, Downshire Estate, Ardglass Road, Downpatrick
	24 th October 2013	Comber Leisure, Castle Street, Comber, Co Down
	9 th April 2014	Castle Espie, Comber
	21 st May 2015	The Market House Ballynahinch

Appendix 1

Catchment Stakeholder Group Meetings in the North Eastern RBD 2010 - 2015

Catchment Group	Date	Venue
<u>Carlingford & Mourne</u>	3 rd June 2010	WIN Business Park, Canal Quay, Newry
	10 th November 2010	Newcastle Centre, 10-14 Central Promenade, Newcastle
	12 th May 2011	Newry & Mourne Enterprise Centre
	8 th November 2011	Confederation of Community Groups, Ballybot House, 28 Cornmarket, Newry
	15 th May 2012	Confederation of Community Groups, Ballybot House
	23 rd October 2012	Ballybot House, Newry
	8 th May 2013	Castlewellan Forest Park, Castlewellan
	16 th October 2013	Hillyard House, 3-5 Castle Avenue, Castlewellan, Co.Down, BT31 9DX
	19 th May 2014	Canal Court Hotel, Newry
	11 th May 2015	Newcastle Centre

Appendix 2

Summary of Successful Water Quality Improvement Grant Projects 2012

Organisation	Project Title	Project Overview
Ulster Wildlife Trust	Wetland Restoration Project at Balloo Nature Reserves	The aims of the project are to undertake restoration works in the wetland that will help improve the water quality and the ecological status/potential of the water body and to remove invasive species from the woodland, in particular the floating pennywort within the pond.
Iveagh Angling Club	River Restoration Project, River Lagan, Donaghcloney Weir Removal	Removing the remaining weir will be completed by a contractor with an excavator. Any material will be retained within the existing river channel. Concrete and boulders from the structure will be used as current deflectors/ habitat. Clay from below the weir will be retained within the river channel.
Wildfowl and Wetland Trust	New Wetland Treatment System - WWT Castle Espie	Replace the existing two parallel bed horizontal flow system with two sequential beds, the first of which would be a vertical flow system and the second a horizontal flow system. The new treatment reed bed will be designed to fit within the existing footprint of the old system. This new arrangement will increase the potential for nitrification and reduce ammonia concentrations in the water flowing into the Strangford Lough.

Summary of Successful Water Quality Improvement Grant Projects 2013

Organisation	Project Title	Project Overview
Dromore and District Angling Club	BufferZone Project - Upper Lagan - Dromore (phase 1)	Provision of Pasture Pumps to supply drinking water from the river for livestock and provision of fencing to protect banks and river from cattle
Newtownabbey Borough Council	Bank Enhancement at Nelly's Dam - Three Mile Water	Hard and soft bank stabilisation works to reduce bank collapse and suspended solids in the channel to include grading of channel to provide a more natural river channel. The work will be supported by the planting of willow and alder to improve bank stabilisation and habitat.