

# Minutes

4 November 2008

## Venue: Bridge Community Centre, Killyleagh

### Attendees:

1. Claire Vincent Marine Assessment & Licensing, NIEA (Chair)
2. Kevin McGlynn Water Quality Inspector, NIEA (Presenter)
3. Bridgeen Magorrian River Basin Planning Group, NIEA (Presenter)
4. George Butler Northern Ireland Water (Presenter)
5. Paddy McCrudden Rivers Agency (Presenter)
6. Helen Nutt North Eastern Catchment Officer, NIEA (Note-taker)
  
7. Irwin Armstrong CES Quarry Products
8. Judith Bankhead Conservation Officer, Rivers Agency
9. Brian Black
10. Tommy Breeze Northern Ireland Pike Society
11. Malcolm Brian Kircubbin Sailing Club
12. Carolyn Butler
13. Paul Byers Northern Ireland Water
14. Tony Clarke Downpatrick & District Anglers
15. Peter Disney Northern Ireland Pike Society & Northern Ireland Carp Society
16. Cyril Dobbin Down Recorder
17. Justin Forsythe Northern Ireland Pike Society & Downpatrick & District Anglers
18. Melanie Gomes Northern Ireland Marine Task Force
19. Roy Graham Fisheries Conservancy Board
20. Barbara Haig Lecale Conservation Society
21. Paul Hanlon Downpatrick & District Anglers
22. John Hardy Green Party
23. Jim Haughey Ulster Angling Federation
24. Jim Hayes Inland Fisheries, DCAL
25. Philip Johnston Ards & Down Salmonid Enhancement Association
26. James Kennedy Sandycove Holiday Homes
27. John Kennedy Sandycove Holiday Homes & Armagh and Down Regional Tourism Partnership
28. Stephen Kennedy Dibney River Trust
29. Norman King
30. Ian Knox Lecale Conservation Society
31. George Legge Dundonald Angling Club
32. Trevor Love Downpatrick & District Anglers
33. Jim Manley Lecale Conservation Society
34. Mike Mann Lecale Conservation Society
35. Jim Marks Killyleagh Sustainable Development Forum
36. Mark McCormick Green Party
37. Kevin McGrady Regional Operations, NIEA
38. Jim McNamara Rivers Agency
39. Adam Mellor Agri-Food and Biosciences Institute (AFBI)
40. Davy Miller Senior Water Quality Inspector, NIEA
41. James Mitchell Northern Ireland Water
42. Tony Morgan Water Quality Inspector, NIEA

43. Dorris Noe	Lecale Conservation Society
44. Canice O'Rourke	Down District Council
45. Eddie Rea	Down District Council
46. Gerry Reynolds	Downpatrick & District Anglers
47. Wesley Rowley	Area Manager, NIEA
48. Lawrence Taggart	Downpatrick & District Anglers
49. Martin Todd	Down District Council
50. Billy Trainor	Shrigley Restored Committee
51. William Walker	Down District Council
52. Billy Watson	Dibney River Trust

**1. Welcome and introductions**

Claire Vincent opened the meeting and welcomed all.  
Those in attendance were invited to introduce themselves to the group.  
Round room introductions.

**2. Minutes of the last meeting and update on progress made in addressing the issues raised at the last meeting.**

***Presentation from Helen Nutt, North East Catchment Officer, NIEA; "Update on action points from the last meeting"***

Helen Nutt highlighted that since the last meeting the Environment and Heritage Service had been renamed as the Northern Ireland Environment Agency.

- 2.1 Helen said that all parties who were present at the last meeting, or those who had requested to be corresponding members, should have received a copy of the minutes by email or post. She said that she had received no requests for amendments to these. The group agreed that in the absence of any amendments to the minutes that the minutes would be agreed and posted on the new Strangford and Lecale Catchment Stakeholder Group (CSG) website. Helen emphasised that it was important that people gave her their contact details and signed the attendance sheet so that their names could be added to the minutes of this meeting and they could be forwarded minutes and details of the next meeting.

**ACTION: Helen Nutt to add agreed minutes and past presentations from CSG meetings to new Strangford and Lecale CSG website.**

**UPDATE: Strangford and Lecale CSG website has been updated.**

[http://www.ni-environment.gov.uk/water/wfd/public\\_partic\\_3/catchment\\_stakeholder\\_groups/strangford\\_and\\_lecale.htm](http://www.ni-environment.gov.uk/water/wfd/public_partic_3/catchment_stakeholder_groups/strangford_and_lecale.htm)

- 2.2 Helen Nutt gave a brief presentation detailing the updates on the action points raised at the last Strangford and Lecale CSG meeting held on Wednesday 23 April 2008.

*A copy of the presentation can be found on the Strangford and Lecale CSG website:*

[http://www.ni-environment.gov.uk/water/wfd/public\\_partic\\_3/catchment\\_stakeholder\\_groups/strangford\\_and\\_lecale.htm](http://www.ni-environment.gov.uk/water/wfd/public_partic_3/catchment_stakeholder_groups/strangford_and_lecale.htm)

Floor opened for questions/comments.

**3. Quoile Pondage Fishkill and NIEA Investigation**

***Presentation from Claire Vincent "Quoile Pondage Fishkill and NIEA investigation"***

Claire Vincent said that the Quoile fishkill of August 2008 had raised that there was confusion within the public about the roles and remits of Government Departments and Agencies within Northern Ireland. She gave a short presentation outlining the roles of Government Departments and Agencies, with the aim of clarifying responsibilities with regard to events like the Quoile fishkill incident and wider water management issues. She invited representatives present from each of the bodies highlighted to introduce their organisations and give background to their work in monitoring and managing the water environment.



Claire highlighted that all Government Departments and Agencies have a duty to exercise their functions in a manner that secures compliance with the Water Framework Directive. She proposed that the establishment of a Working Group, with local and Government representatives, would be a useful way to move forward. She suggested that such a group report back to the Catchment Stakeholder Group with an action plan for future options for the management of the Quoile catchment.

*A copy of the presentation can be found on the Strangford and Lecale CSG website:*

[http://www.ni-environment.gov.uk/water/wfd/public\\_partic\\_3/catchment\\_stakeholder\\_groups/strangford\\_and\\_lecale.htm](http://www.ni-environment.gov.uk/water/wfd/public_partic_3/catchment_stakeholder_groups/strangford_and_lecale.htm)

#### 4. Quoile Pondage Fishkill and NIEA Investigation

##### ***Presentation from Kevin McGlynn "Quoile Pondage Fishkill and NIEA investigation"***

Kevin McGlynn gave a presentation showing photos from the Quoile Pondage and giving some background to the area. He emphasised that the Quoile Pondage was a physically modified, impounded area of the Quoile River estuary and that it was also heavily designated for its nature conservation importance. Kevin reported on Met Office data highlighting that August 2008 was the wettest summer month on record and that over 200mm of rain had fallen in the month. He showed a timeline of the events around the end of August and start of September and indicated the work that he had carried out during that time. He highlighted the locations where NIEA and AFBI had taken samples during the investigation into the fishkill and noted the locations of some points of interest which had appeared in the local press reports and queries received by NIEA.

- 4.1 Kevin displayed graphs of the data taken during the investigation from water quality samples and a series of stations throughout the Pondage. He displayed data supplied by the NIEA/AFBI constant monitoring buoy which is stationed in the Quoile Pondage. He highlighted the trends that this data showed emphasising the make up of the system with freshwater oxygen rich water normally overlying salty oxygen depleted water and the presence of an organic sediment layer. Kevin showed graphs which depicted the freshwater inundation of the Quoile system from the heavy rainfall event of the 16 August. This is shown to have caused the whole system to have become washed with fresh water and the usual salty layer has been washed out. The normal low and high dissolved oxygen layers are also shown to be turned over due to the significant freshwater flow. Kevin described the effect that this process had indicating that the sediments are likely to have become stirred up and further oxygen stripped out of the water column, causing the fish to die. Kevin emphasised that he and his colleagues had carried out lengthy investigations into the fishkill and any potential sources of pollution within the catchment. He said that a few minor incidences of pollution had been noted but that the evidence he had presented from this natural event represented the most likely reason for such a significant fishkill.
- 4.2 A series of questions were asked following the presentation. A member of the group said that it was important that the impact of the barrage be considered with respect to the fishkill. Claire Vincent agreed and said that the impoundment created by the barrage prevented the system from behaving naturally and compared the system to the tidal Lagan highlighting that there was a group there that looked at the management of the system.
- 4.3 Mike Mann asked if there were any more monitoring buoys that could be put in close to the Waste Water Treatment Works to determine whether or not it was causing a problem in the future, as he said the input of sewage was part of the problem. George Butler said that Combined Storm Overflows (CSO) are designed as relief points where sewers will overflow when they become inundated with rain water. He said that the volume of water available when a CSO is discharging is such that dilution of any sewage from rainfall should mean the impacts to any water courses it discharges to are low. Claire Vincent said that there were not currently any plans to expand the monitoring buoy network but that it was something that NIEA would consider.



- 4.4 Trevor Love said that he was regularly at the Quoile and that he'd been there the previous weekend and been disgusted by the amount of sewage related debris which was accumulating as it had become trapped within the Pondage.
- 4.5 Billy Watson said that he had fished the Quoile system for 60 years and that in his view this was the biggest fishkill he had seen to affect the river. He said that rather than the 3000 fish which we reported as being killed that he thought the numbers were closer to 100,000's. He said that he was angered that the fishkill had been deemed to be a natural event by the authorities caused by the floodwater and low dissolved oxygen and said that he though responsibility lay else where. He said that he remembered floods which had occurred in the 1940's and 1950's where land was 3 feet deep in water, but that there had been no fish killed then. He said that he considered that Northern Ireland Water and Down District Council needed to take a closer look at their management practices. He said that numerous fishkills had decimated the Quoile river habitat and that because there had been no prosecutions no fines had been incurred to supplement the restocking of the system by the FCB or DCAL. He said that in his view the organizations responsible needed to start doing their jobs properly and stop covering up episodes of pollution. Members of the group applauded Billy Watson's comments and re-iterated some of his points.
- 4.6 Claire Vincent thanked Billy Watson for sharing his views and welcomed input from people with such lengthy knowledge of the river. She said that it was important that people with such experience put it to good use and become involved in the working group which she had proposed would be set up to look forward to how the Quoile might be better managed.
- 4.7 Paul Byers was asked how the Waste Water Treatment Works (WWTW) in Downpatrick works. He said that the waste water enters the works, that it is separated into the sludge and supernatant. He said that the sludge is separated out and that this is then disposed of by incineration at Duncrue Street. The supernatant liquid is aerated in controlled conditions where bacteria digest the impurities. The treated effluent is then discharged to the Quoile. He said that the Downpatrick WWTW is being upgraded and that nitrate and phosphate removal will be carried out by 2010.
- 4.8 William Walker said that he was disappointed to hear NIEA laying the blame at adverse weather conditions and said that he believed that the fishkill had occurred as a result of a problem with the WWTW. He said that it was important that someone was made accountable and that he was concerned that this may be a case of one agency covering the tracks of another. Claire Vincent said that a thorough investigation into the fishkill had been carried out as demonstrated by Kevin McGlynn's presentation. She said that the presentation clearly showed that a number of factors were at play but the overwhelming reason for the fishkill was the weather. She said that NIEA would prosecute where polluters had been identified and that NIEA have prosecuted NIW in the past for pollution they had caused.
- 4.9 Stephen Kennedy queried why a dissolved oxygen level of 4mg/l was presented in the presentation graphs. It was explained that this was the dissolved oxygen standard for cyprinid waters but that the Quoile was classified as a salmonid water under the Freshwater Fish Directive, so should be able to support 6mg/l of dissolved oxygen. Kevin McGlynn said that he had only displayed one standard to reduce clutter on the graphs but acknowledged that the salmonid standard might have been more appropriate to display. Adam Mellor said that the low dissolved oxygen levels shown were a result of oxygen stripping from the decay of organic matter caused by the system turnover.
- 4.10 Gerry Reynolds said that it was important to determine who was responsible but it was also important for the group not to pre-empt the outcome of NIEA's or the proposed Working Group's investigations. He welcomed the setting up of the Quoile Working Group. Claire Vincent said that any groups keen to become involved in the Working Group should contact



Helen Nutt as soon as possible to nominate a representative.

**ACTION: Parties interested in being involved in the proposed Quoile Catchment Working Group to contact Helen Nutt with name of nominated representative.**

- 4.11 Philip Johnston asked how far up stream the salt water wedge extended into the Quoile. He said that there were fish killed upstream of the Belfast Road and suggested that this was above the extent of the saltwater influence. Kevin McGlynn said that it was not the salt water that had killed the fish, rather it was the dissolved oxygen. The salt water depictions on the graph were merely shown to help emphasise the effect of flood water inundation on the system.
- 4.12 Melaine Gomes asked whether there had been a spring or neap tide at the time of the fishkill and suggested that this might be worth looking into during the investigation as that could have affected the extent of the saline wedge within the system.
- 4.13 A member of the group said that he felt the extent of the fishkill had been underplayed and that the results reported by FCB were lower than the actual number of fish killed. Roy Graham said that when he had originally been made aware of the fishkill that he had visited the Quoile Barrier and that there had only been 1 dead fish. He said that the fish did not start to begin to die in large numbers until the Friday.
- 4.14 Roy Graham said that there had been a fishkill in the Saintfield catchment some years ago. He said that at that time the source of pollution had been located. Roy said that the Glasswater River had since been restocked but that the responsible discharge was still of poor quality and that organic material from there could be brought down the river during a flood.

**5. Draft River Basin Management Plans  
Presentation from Bridgeen Magorrian, River Basin Planning Group, NIEA; "Draft River Basin Management Plans"**

Bridgeen Magorrian gave a presentation highlighting that the draft River Basin Management Plans (RBMPs) would be published by the 22 December 2008 and open for consultation until 22 June 2009. The North Eastern RBMP would cover the Strangford and Lecale catchment areas. Bridgeen showed maps with the draft waterbody classifications for rivers, lakes, ground waters and coastal waters in the area and said that this may be subject to changes over the next few months as new data became available and classification tools were further refined. She said that more than 70% of the waterbodies within the area had been classified as "moderate" or worse. She said that the main problem with the area's slow flowing rivers was elevated levels of phosphorus and the suppression of invertebrates. Bridgeen said that through the implementation of the Programmes of Measures that approximately 95% of the waterbodies in the area had a target of at least Good Ecological Status/Potential by the end of the 2<sup>nd</sup> RBMP cycle in 2021.

- 5.1 Bridgeen emphasised that NIEA were keen to get input from as many individuals, organisations and sectors as possible and encouraged people to respond to the RBMP consultation documents. She highlighted that NIEA were keen to get the Catchment Stakeholder Group's feedback on how they could best be included in this consultation and indicated that Helen Nutt would be distributing feedback forms at the end of the meeting which NIEA would like people to fill in with their own ideas of how this could be done. She said that NIEA were currently considering the possibility of having information days where members of the public could call in to discuss their specific interests informally with relevant staff from NIEA. She suggested that following the workshop it might be useful to discuss the plans in more general terms in the usual CSG setting. Bridgeen said that hard copies of the RBMPs would be issued to CSG members at the start of 2009.

*A copy of the presentation can be found on the Strangford and Lecale CSG website:*

<http://www.ni->



An Agency within the Department of the  
**Environment**  
www.doeni.gov.uk



INVESTOR IN PEOPLE



Northern Ireland  
**Environment**  
Agency  
www.ni-environment.gov.uk

Floor opened for questions/comments.

- 5.2 Stephen Kennedy asked whether or not NIEA thought they were on schedule to achieve Good Ecological Status by 2015. Bridgeen said that as she had shown during the presentation, not all water bodies had a target date of 2015 for Good Ecological Status, but that the objectives had been set for all waterbodies and Good status should be achieved across the board by 2027. She said that NIEA would not be holding back and that where Good Status could be achieved before the documented target dates improvements would be carried out. Stephen asked who would be monitoring NIEA's achievement of the targets. Bridgeen said that the EU Commission would and highlighted that if status targets were not met that fines would be imposed.
- 5.3 Mike Mann asked if any work on the levels of endocrine disruptors in the environment had been carried out. Claire Vincent explained that endocrine disruptors were known to cause problems in aquatic invertebrates. She said that there was a ban on TBT (Tri-butyl tin) an antifouling paint that was used on boats which were known to cause deformities to whelks. She said that and that work was carried out to look into the extent of these effects by NIEA.  
**ACTION: Helen Nutt to look into research that has been carried out on the effects of female contraceptives in the aquatic environment.**
- 5.4 A member of the group asked that guidance be provided on the management of septic tanks. Helen Nutt said that such information was available from septic tank producers and she had brought a number of copies of Pollution Prevention Guidance that NIEA had produced on the subject which attendees were welcome to take away with them.
- 5.5 John Hardy asked how the requirements of the Water Framework Directive fit into Planning. Claire Vincent responded that Planning Service consult with NIEA on their applications and that NIEA have the opportunity to respond via that mechanism with regard to the Directive's requirements.
- 5.6 Jim Haughey asked for clarification on whether the Water Framework Directive's objective was for Good Ecological Status by 2015. It was explained that the Directive allows for "less stringent objectives" where human activity or natural conditions are such that an extended deadline into subsequent River Basin Planning Cycles is required to avoid entailing disproportionate costs. Bridgeen Magorrian said that 75% of Northern Ireland's waterbodies are not good. She said that as a society it was deemed that we would not be able to afford the measures which would be required to be put in place to reach Good Ecological Status by 2015. She said that the objectives that had been set show that Northern Ireland aspires to move up at least one status class during each 6 year River Basin Planning cycle.

6. **Northern Ireland Water**

**Presentation from George Butler, Director of Asset Management, NIW; "Investing for the Environment."**

George Butler offered to give the presentation that he had planned and said that if the meeting preferred that he would use his time slot to answer specific questions that attendees had. The meeting agreed that he should proceed with his presentation as planned. George Butler gave a presentation of NIW's investment plans for the next number of years. He highlighted the targets NIW are aiming for and what their priorities for investment would be. He said that there was a planned £10 million investment for poorly performing small Waste Water Treatment Works (WWTWs) and that there were targets to reduce the levels of leakage in the system. He said that the Downpatrick WWTW was being upgraded. The works, due for completion by March 2010 will allow for an increased growth in development in the area.

*A copy of the presentation can be found on the Strangford and Lecale CSG website:*



[http://www.ni-environment.gov.uk/water/wfd/public\\_partic\\_3/catchment\\_stakeholder\\_groups/strangford\\_and\\_lecale.htm](http://www.ni-environment.gov.uk/water/wfd/public_partic_3/catchment_stakeholder_groups/strangford_and_lecale.htm)

Floor opened for questions/comments.

- 6.1 Jim Manley thanked George Butler for his presentation and said that it was nice to know what NIW does treat wastewater. He said that he was sure that the WWTW was one of the factors in the recent fishkill but accepted that it was not the main factor. It was emphasised that NIW are not responsible for leachate and field run-off. Claire Vincent said that NIEA do regulate agriculture and that objectives like the implementation of the Nitrates Action Programme and storage requirements were meaning that restrictions on agriculture from an environmental point of view were tighter.
- 6.2 George Butler was asked how the non-introduction of water charges would affect NIW's plans. George said that that there had not been a decision from Stormont yet on the future of water charges but that but that resources for the current 3 year investment cycle were assured.
- 6.3 Gerry Reynolds said that NIW's target of 11% reduction in pollution incidents was not very challenging and asked why environmentally sensitive waste water treatment and prevention of pollution was not more of a priority with NIW. George Butler said that drinking water quality was NIW's first priority and that the upgrading of infracted WWTWs and outdated sewerage system came lower down NIW's priority hierarchy but were of importance. It was highlighted that public money is used to take polluters to court and that to that end NIEA must be sure that the have sufficient evidence available to ensure the cases they do take will result in prosecutions.

## 7. Rivers Agency

### **Presentation from Paddy McCrudden, Rivers Agency; "European Union Directive on the Assessment and Management of Flood Risks"**

Paddy McCrudden gave a presentation on the Floods Directive, highlighting some of its key issues and indicating progress on its implementation to date and timeline for requirements. He said that the Directive came into force on 26 November 2007 and that its purpose was to establish a strategic framework for the management and assessment of flood risks. He said that links with the Water Framework Directive were strong but that where the Water Framework Directive deals primarily with water quality the Floods Directive deals with quantity. He said that the Directive will encourage the communication and sharing of management of flood risks and that the fundamental change would be from a reactive to a proactive approach to flooding. As the competent authority tasked with its implementation, he said that DARD Rivers Agency would be producing flood hazard and risk maps and flood risk management plans. Paddy highlighted that not all flooding was associated with rivers and that of the 70 properties flooded during the June 2007 floods in Belfast, only a handful were caused by river flooding. He said that Northern Ireland Water (NIW) and DRD Roads Service were other responsible bodies. Paddy emphasised that Rivers Agency had that day launched their online Strategic Flood Maps and encouraged people to go online to view them.

*A copy of the presentation can be found on the Strangford and Lecale CSG website:*

[http://www.ni-environment.gov.uk/water/wfd/public\\_partic\\_3/catchment\\_stakeholder\\_groups/strangford\\_and\\_lecale.htm](http://www.ni-environment.gov.uk/water/wfd/public_partic_3/catchment_stakeholder_groups/strangford_and_lecale.htm)

*The Strategic Flood Maps and supporting documentation can be found on the Rivers Agency website:*

<http://www.riversagency.ni.gov.uk/index/strategic-flood-maps.htm>

- 7.1 Paddy McCrudden was asked whether the plans would be updated to take into account the recent floods. Paddy said that these were first generation maps and that they would be updated to reflect the most up-to-date information.



- 7.2 John Kennedy said that he was concerned about where the background economic data for determining risk had come from as historically little information was available. Paddy McCrudden said that with more information available that Rivers Agency would be able to develop a prioritisation tool for flood risk and defence management.
- 7.3 Jim Haughey asked how the Planning system allowed houses to be built on floodplains. Paddy McCrudden emphasised that Rivers Agency are consulted on Planning applications and where applications are received for development on flood plains they do advise against the application being granted. He said that Planning Service does not always take that advice they have been given.
- 8. Other local water management issues of concern and agenda for the next meeting.**  
 Claire Vincent apologised to the group for cutting down the time of some of the presentations. She said that the Quoile fishkill had been a major event and welcomed the opportunity for a public debate on the matter that the meeting had provided. She suggested that because of the public interest in the fishkill that an update from the proposed Quoile Catchment Working Group at the next Strangford and Lecale Catchment Stakeholder Group (CSG) would be useful, but emphasised that this would be time limited.
- 8.1 Claire Vincent suggested that the focus of the next CSG would be the draft River Basin Management Plans and highlighted again that these would be launched at the end of December 2008.
- 8.2 John Kennedy asked that a slot be made available at a future meeting on coastal erosion and there was a request for a slot on the designation of shellfish waters.  
**ACTION: Helen Nutt to approach NIEA colleagues for presentations on coastal erosion and shellfish waters designations at future meetings.**
- 9. Close**  
 Claire Vincent thanked all for attending and said that she had found it a useful meeting and that he hoped for continued progress.

**Summary of actions from the meeting:**

Ref	Action	Update
2.1	Helen Nutt to add agreed minutes and past presentations from CSG meetings to new Strangford and Lecale CSG website.	Strangford and Lecale CSG website has been updated. <a href="http://www.ni-environment.gov.uk/water/wfd/public_partic_3/catchment_stakeholder_groups/strangford_and_lecale.htm">http://www.ni-environment.gov.uk/water/wfd/public_partic_3/catchment_stakeholder_groups/strangford_and_lecale.htm</a>
4.10	Parties interested in being involved in the proposed Quoile Catchment Working Group to contact Helen Nutt with name of nominated representative.	Names of representatives have been sent to Helen from interested parties. Interdepartmental pre-meeting held on 6 March 2009. 1 <sup>st</sup> meeting of Quoile Catchment Working Group to be held on 10 March 2009. Update of meetings will be provided at next Strangford and Lecale CSG.
5.3	Helen Nutt to look into research that has been carried out on the effects of female contraceptives in the aquatic environment.	Update to be given at the next meeting.

8.2	Helen Nutt to approach NIEA colleagues for presentations on coastal erosion and shellfish waters designations at future meetings.	Update to be given at the next meeting.
-----	---	---

Northern Ireland **Environment** Agency  
Water Management Unit  
17 Antrim Road  
Lisburn  
BT28 3AL  
Tel: 028 92633499  
Email: [info@doeni.gov.uk](mailto:info@doeni.gov.uk)

[www.ni-environment.gov.uk](http://www.ni-environment.gov.uk)



An Agency within the Department of the  
**Environment**  
[www.doeni.gov.uk](http://www.doeni.gov.uk)



INVESTOR IN PEOPLE



[www.ni-environment.gov.uk](http://www.ni-environment.gov.uk)

Northern Ireland  
**Environment**  
Agency