

**Local Management Areas**

# Reasons for status for the water bodies within the Roe LMA

December 2014

**Water body name:** Owenalena River  
**Water body identification code:** UKGBNI1NW0202005

**Catchment stakeholder group:** Lower Foyle  
**Local management area:** Roe  
**2015 Objective:** Good Status  
**2021 Objective:** Good Status  
**2027 Objective:** Good Status

**2005 risk assessment:** 1a - At risk

	2009	2010	2011	2012	2013	2014
<b>Overall status:</b>	Good	Good	Good	Good	Good	Good
<b>Confidence in overall status:</b>	High	High	High	Medium	High	High
Ammonia	High	High	High	High	High	High
Benthic Invertebrates	High	High	High	Good	High	High
Dissolved oxygen	High	High	High	High	High	High
Fish						High
Macrophytes	High	High	High	High	High	High
pH	High	High	High	High	High	High
Phytobenthos					High	High
Soluble reactive phosphate	High	High	High	High	High	High
Biochemical oxygen demand*	High	High	High	High	High	High
Temperature*	High	High	High	High	High	High
Hydrological regime	High	High	High	High	High	High
Morphological conditions	Good	Good	Good	Moderate	Moderate	Moderate
Copper (dissolved)	Pass	Pass			Pass	Pass
Zinc (total)	Pass	Pass			Pass	Pass

\* This element does not contribute to overall classification.

The yearly classifications are based on monitoring data up to the end of the previous year where available. Data more than 6 years old is not used for classifications. Elements were not classified in a particular year if they were not monitored during the previous 6 years.

For more information on the classification process see:

[www.doeni.gov.uk/niea/nw-riverslakes](http://www.doeni.gov.uk/niea/nw-riverslakes)

**Water body name:** Owenrigh River  
**Water body identification code:** UKGBNI1NW020202010  
*This is a heavily modified water body.*  
**Catchment stakeholder group:** Lower Foyle  
**Local management area:** Roe  
**2015 Objective:** Moderate ecological potential  
**2021 Objective:** Moderate ecological potential  
**2027 Objective:** Good ecological potential  
  
**2005 risk assessment:** 1a - At risk

	2009	2010	2011	2012	2013	2014
<b>Overall status:</b>	<b>MEP</b>	<b>MEP</b>	<b>MEP</b>	<b>MEP</b>	<b>MEP</b>	<b>MEP</b>
<b>Confidence in overall status:</b>	High	High	High	Medium	Medium	Medium
Ammonia	High	High	High	High	High	High
Benthic Invertebrates	Good	Good	Good	Good	Good	Good
Dissolved oxygen	High	High	High	High	High	High
Macrophytes	High	High	High	High	High	High
pH	High	High	High	High	High	High
Phytobenthos					High	High
Soluble reactive phosphate	High	High	High	High	High	High
Biochemical oxygen demand*	High	High	High	High	High	High
Temperature*	High	High	High	High	High	High
Hydrological regime	Bad	Bad	Bad	Bad	Bad	Bad
Morphological conditions				Good	Good	Good
Copper (dissolved)	Fail	Fail			Fail	Fail
Zinc (total)	Pass	Pass			Pass	Pass

\* This element does not contribute to overall classification.

The yearly classifications are based on monitoring data up to the end of the previous year where available. Data more than 6 years old is not used for classifications. Elements were not classified in a particular year if they were not monitored during the previous 6 years.

For more information on the classification process see:  
[www.doeni.gov.uk/niea/nw-heavily-modified](http://www.doeni.gov.uk/niea/nw-heavily-modified)

**Water body name:** Castle River  
**Water body identification code:** UKGBNI1NW020202011

**Catchment stakeholder group:** Lower Foyle  
**Local management area:** Roe  
**2015 Objective:** Moderate Status  
**2021 Objective:** Good Status  
**2027 Objective:** Good Status

**2005 risk assessment:** 1a - At risk

	2009	2010	2011	2012	2013	2014
<b>Overall status:</b>	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate
<b>Confidence in overall status:</b>	Medium	Medium	Medium	Medium	Medium	Medium
Ammonia	High	High	High	High	High	High
Benthic Invertebrates	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate
Dissolved oxygen	High	High	High	High	High	High
Macrophytes	Good	Good	High	High	High	High
pH	High	High	High	High	High	High
Phytobenthos					Moderate	Moderate
Soluble reactive phosphate	Good	High	High	High	High	High
Biochemical oxygen demand*	High	High	High	Good	Good	Good
Temperature*	High	High	High	High	High	High
Hydrological regime	High	High	High	High	High	High
Copper (dissolved)	Pass	Pass			Pass	Pass
Zinc (total)	Pass	Pass			Pass	Pass

\* This element does not contribute to overall classification.

The yearly classifications are based on monitoring data up to the end of the previous year where available. Data more than 6 years old is not used for classifications. Elements were not classified in a particular year if they were not monitored during the previous 6 years.

For more information on the classification process see:  
[www.doeni.gov.uk/niea/nw-riverslakes](http://www.doeni.gov.uk/niea/nw-riverslakes)

**Water body name:** Gelvin River  
**Water body identification code:** UKGBN1NW020202012

**Catchment stakeholder group:** Lower Foyle  
**Local management area:** Roe  
**2015 Objective:** Good Status  
**2021 Objective:** Good Status  
**2027 Objective:** Good Status

**2005 risk assessment:** 1a - At risk

	2009	2010	2011	2012	2013	2014
<b>Overall status:</b>	Good	Good	Good	Good	Moderate	Moderate
<b>Confidence in overall status:</b>	Medium	Medium	Medium	Medium	Medium	Medium
Ammonia	High	High	High	High	High	High
Benthic Invertebrates	Good	Good	Good	Good	Good	Good
Dissolved oxygen	High	High	High	High	High	High
Macrophytes	Good	Good	Good	Good	Good	Good
pH	High	High	High	High	High	High
Phytobenthos					Moderate	Moderate
Soluble reactive phosphate	High	High	High	High	High	High
Biochemical oxygen demand*	Good	Good	Moderate	Good	Good	Good
Temperature*	High	High	High	High	High	High
Hydrological regime	High	High	High	High	High	High
Morphological conditions	<sup>1</sup> Moderate	<sup>1</sup> Moderate	<sup>1</sup> Moderate	<sup>1</sup> Moderate	<sup>1</sup> Moderate	<sup>1</sup> Moderate
Copper (dissolved)	Pass	Pass			Pass	Pass
Zinc (total)	Pass	Pass			Pass	Pass

\* This element does not contribute to overall classification.

<sup>1</sup> Morphology is classified as moderate or worse because a full survey has not yet been completed.

The yearly classifications are based on monitoring data up to the end of the previous year where available. Data more than 6 years old is not used for classifications. Elements were not classified in a particular year if they were not monitored during the previous 6 years.

For more information on the classification process see:

[www.doeni.gov.uk/nia/nw-riverslakes](http://www.doeni.gov.uk/nia/nw-riverslakes)

**Water body name:** Curly River  
**Water body identification code:** UKGBNI1NW020202013

**Catchment stakeholder group:** Lower Foyle  
**Local management area:** Roe  
**2015 Objective:** Good Status  
**2021 Objective:** Good Status  
**2027 Objective:** Good Status

**2005 risk assessment:** 1a - At risk

	2009	2010	2011	2012	2013	2014
<b>Overall status:</b>	Moderate	Moderate	Moderate	Good	Moderate	Moderate
<b>Confidence in overall status:</b>	Medium	Medium	Medium	Medium	Medium	Medium
Ammonia	High	High	High	High	High	High
Benthic Invertebrates	Moderate	Moderate	Moderate	Good	Moderate	Moderate
Dissolved oxygen	High	High	High	High	High	High
Macrophytes	High	High	High	High	High	High
pH	High	High	High	High	High	High
Phytobenthos					Moderate	Moderate
Soluble reactive phosphate	High	High	High	High	High	High
Biochemical oxygen demand*	Good	Good	Good	Good	High	High
Temperature*	High	High	High	High	High	High
Hydrological regime	High	High	High	High	High	High
Copper (dissolved)	Pass	Pass			Pass	Pass
Zinc (total)	Pass	Pass			Pass	Pass

\* This element does not contribute to overall classification.

The yearly classifications are based on monitoring data up to the end of the previous year where available. Data more than 6 years old is not used for classifications. Elements were not classified in a particular year if they were not monitored during the previous 6 years.

For more information on the classification process see:  
[www.doeni.gov.uk/niea/nw-riverslakes](http://www.doeni.gov.uk/niea/nw-riverslakes)

**Water body name:** Bovevagh River  
**Water body identification code:** UKGBNI1NW020202014

**Catchment stakeholder group:** Lower Foyle  
**Local management area:** Roe  
**2015 Objective:** Good Status  
**2021 Objective:** Good Status  
**2027 Objective:** Good Status

**2005 risk assessment:** 1a - At risk

	2009	2010	2011	2012	2013	2014
<b>Overall status:</b>	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate
<b>Confidence in overall status:</b>	Medium	Medium	Medium	Low	Medium	Medium
Ammonia	High	High	High	High	High	High
Benthic Invertebrates	Moderate	Moderate	Moderate	Good	Good	Good
Dissolved oxygen	High	High	High	High	High	High
Macrophytes	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate
pH	High	High	High	High	High	High
Phytobenthos					Moderate	Moderate
Soluble reactive phosphate	Good	Good	Good	High	Good	Good
Biochemical oxygen demand*	Good	Moderate	Moderate	Good	Moderate	Moderate
Temperature*	High	High	High	High	High	High
Hydrological regime	High	High	High	High	High	High
Copper (dissolved)	Pass	Pass			Pass	Pass
Zinc (total)	Pass	Pass			Pass	Pass

\* This element does not contribute to overall classification.

The yearly classifications are based on monitoring data up to the end of the previous year where available. Data more than 6 years old is not used for classifications. Elements were not classified in a particular year if they were not monitored during the previous 6 years.

For more information on the classification process see:  
[www.doeni.gov.uk/niea/nw-riverslakes](http://www.doeni.gov.uk/niea/nw-riverslakes)

**Water body name:** River Roe  
**Water body identification code:** UKGBN1NW020202015

**Catchment stakeholder group:** Lower Foyle  
**Local management area:** Roe  
**2015 Objective:** Good Status  
**2021 Objective:** Good Status  
**2027 Objective:** Good Status

**2005 risk assessment:** 1a - At risk

	2009	2010	2011	2012	2013	2014
<b>Overall status:</b>	Good	Good	Good	Good	Good	Good
<b>Confidence in overall status:</b>	Medium	Low	Low	High	High	High
Ammonia	High	High	High	High	High	High
Benthic Invertebrates	High	High	High	High	High	High
Dissolved oxygen	High	High	High	High	High	High
Macrophytes	Good			High	High	High
pH	High	High	High	High	High	High
Phytobenthos					High	High
Soluble reactive phosphate	High	High	High	High	High	High
Biochemical oxygen demand*	High	High	High	High	High	High
Temperature*	High	High	High	High	High	High
Hydrological regime	High	High	High	High	High	High
Morphological conditions	<sup>1</sup> Moderate	<sup>1</sup> Moderate	<sup>1</sup> Moderate	Good	Good	Good
Copper (dissolved)	Pass	Pass			Pass	Pass
Zinc (total)	Pass	Pass			Pass	Pass

\* This element does not contribute to overall classification.

<sup>1</sup> Morphology is classified as moderate or worse because a full survey has not yet been completed.

The yearly classifications are based on monitoring data up to the end of the previous year where available. Data more than 6 years old is not used for classifications. Elements were not classified in a particular year if they were not monitored during the previous 6 years.

For more information on the classification process see:

[www.doeni.gov.uk/nia/nw-riverslakes](http://www.doeni.gov.uk/nia/nw-riverslakes)



**Water body name:** River Roe  
**Water body identification code:** UKGBNI1NW020202018

**Catchment stakeholder group:** Lower Foyle  
**Local management area:** Roe  
**2015 Objective:** Good Status  
**2021 Objective:** Good Status  
**2027 Objective:** Good Status

**2005 risk assessment:** 1a - At risk

	2009	2010	2011	2012	2013	2014
<b>Overall status:</b>	Moderate	Moderate	Moderate	Moderate	Good	Good
<b>Confidence in overall status:</b>	Medium	Medium	Medium	Medium	Medium	Medium
Ammonia	High	High	High	High	High	High
Benthic Invertebrates	Moderate	Good	Good	Good	Good	Good
Dissolved oxygen	High	High	High	High	High	High
Fish				Good	Good	Good
Macrophytes	Good	Good	Good	Good	Good	Good
pH	High	High	High	High	High	High
Phytobenthos	Moderate	Moderate	Moderate	Moderate	Good	Good
Soluble reactive phosphate	High	High	High	High	High	High
Biochemical oxygen demand*	High	High	Good	Good	High	High
Temperature*	High	High	High	High	High	High
Hydrological regime	High	High	High	Moderate	Moderate	Moderate
Morphological conditions	<sup>1</sup> Moderate	<sup>1</sup> Moderate	<sup>1</sup> Moderate	Moderate	Moderate	Moderate
Anthracene			Pass	Pass	Pass	Pass
Benzene			Pass	Pass	Pass	Pass
Benzo-a-pyrene			Pass	Pass	Pass	Pass
Carbon tetrachloride	Pass	Pass	Pass	Pass	Pass	Pass
Copper (dissolved)	Pass	Pass	Pass	Pass	Pass	Pass
1,2-dichloroethane	Pass	Pass	Pass	Pass	Pass	Pass
Fluoranthene			Pass	Pass	Pass	Pass
Hexachlorobutadiene			Pass	Pass	Pass	Pass
Mercury (dissolved)			Pass	Pass	Pass	Pass
Nonylphenol			Pass	Pass	Pass	Pass
Phenol	Pass	Pass	Pass	Pass	Pass	Pass
Tetrachloroethylene	Pass	Pass	Pass	Pass	Pass	Pass
Toluene		Pass	Pass	Pass	Pass	Pass
Trichloroethylene	Pass	Pass	Pass	Pass	Pass	Pass
Trichloromethane (chloroform)	Pass	Pass	Pass	Pass	Pass	Pass
Zinc (total)	Pass	Pass	Pass	Pass	Pass	Pass

\* This element does not contribute to overall classification.

<sup>1</sup> Morphology is classified as moderate or worse because a full survey has not yet been completed.

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[www.doeni.gov.uk/niea/nw-riverslakes](http://www.doeni.gov.uk/niea/nw-riverslakes)

**Water body name:** Owenbeg River  
**Water body identification code:** UKGBNI1NW020202023

**Catchment stakeholder group:** Lower Foyle  
**Local management area:** Roe  
**2015 Objective:** Good Status  
**2021 Objective:** Good Status  
**2027 Objective:** Good Status

**2005 risk assessment:** 1a - At risk

	2009	2010	2011	2012	2013	2014
<b>Overall status:</b>	Good	Good	Good	Good	Good	Good
<b>Confidence in overall status:</b>	Medium	High	Medium	Medium	Medium	Medium
Ammonia	High	High	High	High	High	High
Benthic Invertebrates	Good	Good	Good	Good	High	High
Dissolved oxygen	High	High	High	High	High	High
Fish	Moderate	Good	Good	Good	Good	Good
Macrophytes	Good	High	Good	High	High	High
pH	High	High	High	High	High	High
Phytobenthos					Good	Good
Soluble reactive phosphate	High	High	High	High	High	High
Biochemical oxygen demand*	High	Good	High	High	High	High
Temperature*	High	High	High	High	High	High
Hydrological regime	Good	Good	Good	Bad	Bad	Bad
Morphological conditions	<sup>1</sup> Moderate	<sup>1</sup> Moderate	<sup>1</sup> Moderate	<sup>1</sup> Moderate	<sup>1</sup> Moderate	<sup>1</sup> Moderate
Copper (dissolved)	Pass	Pass			Pass	Pass
Zinc (total)	Pass	Pass			Pass	Pass

\* This element does not contribute to overall classification.

<sup>1</sup> Morphology is classified as moderate or worse because a full survey has not yet been completed.

The yearly classifications are based on monitoring data up to the end of the previous year where available. Data more than 6 years old is not used for classifications. Elements were not classified in a particular year if they were not monitored during the previous 6 years.

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[www.doeni.gov.uk/niea/nw-riverslakes](http://www.doeni.gov.uk/niea/nw-riverslakes)



Hexachlorocyclohexanes (total)			Pass	Pass	Pass	Pass
Isoproturon			Pass	Pass	Pass	Pass
Linuron	Pass		Pass	Pass	Pass	Pass
Mecoprop	Pass		Pass	Pass	Pass	Pass
Mercury (dissolved)			Pass	Pass	Pass	Pass
Naphthalene	Pass	Pass	Pass	Pass	Pass	Pass
Nonylphenol			Pass	Pass	Pass	Pass
Pentachlorophenol	Pass	Pass	Pass	Pass	Pass	Pass
Phenol	Pass	Pass	Pass	Pass	Pass	Pass
Polyaromatichydrocarbons (PAH)					Pass	Pass
Simazine	Pass	Pass	Pass	Pass	Pass	Pass
Tetrachloroethylene	Pass	Pass	Pass	Pass	Pass	Pass
Tributyltin			Pass	Pass	Pass	Pass
Toluene		Pass	Pass	Pass	Pass	Pass
Trichloroethylene	Pass	Pass	Pass	Pass	Pass	Pass
Trichlorobenzenes (total)			Pass	Pass	Pass	Pass
Trichloromethane (chloroform)	Pass	Pass	Pass	Pass	Pass	Pass
Trifluralin	Pass	Pass	Pass	Pass	Pass	Pass
Zinc (total)	Pass	Pass	Pass	Pass	Pass	Pass

\* This element does not contribute to overall classification.

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For more information on the classification process see:

[www.doeni.gov.uk/niea/nw-riverslakes](http://www.doeni.gov.uk/niea/nw-riverslakes)

**Water body name:** Wood Burn  
**Water body identification code:** UKGBN1NW020202032

**Catchment stakeholder group:** Lower Foyle  
**Local management area:** Roe  
**2015 Objective:** Good Status  
**2021 Objective:** Good Status  
**2027 Objective:** Good Status

**2005 risk assessment:** 1a - At risk

	2009	2010	2011	2012	2013	2014
<b>Overall status:</b>	Moderate	Poor	Poor	Moderate	Moderate	Moderate
<b>Confidence in overall status:</b>	Medium	Low	Low	Medium	Medium	Medium
Ammonia	High	High	High	High	High	High
Benthic Invertebrates	Moderate	Poor	Poor	Moderate	Moderate	Moderate
Dissolved oxygen	High	High	High	High	High	High
Macrophytes	Good	Good	Good	High	High	High
pH	High	High	High	High	High	High
Phytobenthos					Moderate	Moderate
Soluble reactive phosphate	High	High	High	High	High	High
Biochemical oxygen demand*	Good	Good	Moderate	Good	High	High
Temperature*	High	High	High	High	High	High
Hydrological regime	High	High	High	High	High	High
Morphological conditions	<sup>1</sup> Moderate	<sup>1</sup> Moderate	<sup>1</sup> Moderate	<sup>1</sup> Moderate	<sup>1</sup> Moderate	<sup>1</sup> Moderate
Copper (dissolved)	Pass	Pass			Pass	Pass
Zinc (total)	Pass	Pass			Pass	Pass

\* This element does not contribute to overall classification.

<sup>1</sup> Morphology is classified as moderate or worse because a full survey has not yet been completed.

The yearly classifications are based on monitoring data up to the end of the previous year where available. Data more than 6 years old is not used for classifications. Elements were not classified in a particular year if they were not monitored during the previous 6 years.

For more information on the classification process see:

[www.doeni.gov.uk/nia/nw-riverslakes](http://www.doeni.gov.uk/nia/nw-riverslakes)

**Water body name:** Gelvin River  
**Water body identification code:** UKGBNI1NW020202039

**Catchment stakeholder group:** Lower Foyle  
**Local management area:** Roe  
**2015 Objective:** Good Status  
**2021 Objective:** Good Status  
**2027 Objective:** Good Status

**2005 risk assessment:** 1a - At risk

	2009	2010	2011	2012	2013	2014
<b>Overall status:</b>	Good	Good	Good	Good	Moderate	Moderate
<b>Confidence in overall status:</b>	Medium	Medium	Medium	Medium	Medium	Medium
Ammonia	High	High	High	High	High	High
Benthic Invertebrates	Good	Good	Good	Good	Good	Good
Dissolved oxygen	High	High	High	High	High	High
Macrophytes	Good	Good	Good	Good	Good	Good
pH	High	High	High	High	High	High
Phytobenthos					Moderate	Moderate
Soluble reactive phosphate	High	High	High	High	High	High
Biochemical oxygen demand*	Good	Good	Moderate	Good	Good	Good
Temperature*	High	High	High	High	High	High
Hydrological regime	High	High	High	High	High	High
Morphological conditions	<sup>1</sup> Moderate	<sup>1</sup> Moderate	<sup>1</sup> Moderate	<sup>1</sup> Moderate	<sup>1</sup> Moderate	<sup>1</sup> Moderate
Copper (dissolved)	Pass	Pass			Pass	Pass
Zinc (total)	Pass	Pass			Pass	Pass

\* This element does not contribute to overall classification.

<sup>1</sup> Morphology is classified as moderate or worse because a full survey has not yet been completed.

The yearly classifications are based on monitoring data up to the end of the previous year where available. Data more than 6 years old is not used for classifications. Elements were not classified in a particular year if they were not monitored during the previous 6 years.

For more information on the classification process see:

[www.doeni.gov.uk/nia/nw-riverslakes](http://www.doeni.gov.uk/nia/nw-riverslakes)

**Water body name:** River Roe  
**Water body identification code:** UKGBNI1NW020202043

**Catchment stakeholder group:** Lower Foyle  
**Local management area:** Roe  
**2015 Objective:** Good Status  
**2021 Objective:** Good Status  
**2027 Objective:** Good Status

**2005 risk assessment:** 1a - At risk

	2009	2010	2011	2012	2013	2014
<b>Overall status:</b>	Good	Good	Good	Good	Good	Good
<b>Confidence in overall status:</b>	High	High	High	Medium	High	High
Ammonia	High	High	High	High	High	High
Benthic Invertebrates	High	High	High	Good	High	High
Dissolved oxygen	High	High	High	High	High	High
Fish						High
Macrophytes	High	High	High	High	High	High
pH	High	High	High	High	High	High
Phytobenthos					High	High
Soluble reactive phosphate	High	High	High	High	High	High
Biochemical oxygen demand*	High	High	High	High	High	High
Temperature*	High	High	High	High	High	High
Hydrological regime	High	High	High	High	High	High
Morphological conditions	Good	Good	Good	Moderate	Good	Good
Copper (dissolved)	Pass	Pass			Pass	Pass
Zinc (total)	Pass	Pass			Pass	Pass

\* This element does not contribute to overall classification.

The yearly classifications are based on monitoring data up to the end of the previous year where available. Data more than 6 years old is not used for classifications. Elements were not classified in a particular year if they were not monitored during the previous 6 years.

For more information on the classification process see:

[www.doeni.gov.uk/niea/nw-riverslakes](http://www.doeni.gov.uk/niea/nw-riverslakes)



**Water body name:** Castle River  
**Water body identification code:** UKGBNI1NW020202044

**Catchment stakeholder group:** Lower Foyle  
**Local management area:** Roe  
**2015 Objective:** Moderate Status  
**2021 Objective:** Good Status  
**2027 Objective:** Good Status

**2005 risk assessment:** 1b - Likely to be at risk

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	2009	2010	2011	2012	2013	2014
<b>Overall status:</b>	Poor	Moderate	Moderate	Good	Moderate	Moderate
<b>Confidence in overall status:</b>	Low	Low	Low	Low	Low	Low
Benthic Invertebrates	Poor	Moderate	Moderate	Good	Good	Good
Macrophytes	High	High	High	High	High	High
Phytobenthos					Moderate	Moderate
Hydrological regime	High	High	High	High	High	High

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\* This element does not contribute to overall classification.

The yearly classifications are based on monitoring data up to the end of the previous year where available. Data more than 6 years old is not used for classifications. Elements were not classified in a particular year if they were not monitored during the previous 6 years.

For more information on the classification process see:

[www.doeni.gov.uk/niea/nw-riverslakes](http://www.doeni.gov.uk/niea/nw-riverslakes)

**Water body name:** Castle River  
**Water body identification code:** UKGBNI1NW020202045

**Catchment stakeholder group:** Lower Foyle  
**Local management area:** Roe  
**2015 Objective:** Moderate Status  
**2021 Objective:** Good Status  
**2027 Objective:** Good Status

**2005 risk assessment:** 1b - Likely to be at risk

	2009	2010	2011	2012	2013	2014
<b>Overall status:</b>	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate
<b>Confidence in overall status:</b>	Medium	Medium	Medium	Medium	Medium	Medium
Ammonia	High	High	High	High	High	High
Benthic Invertebrates	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate
Dissolved oxygen	High	High	High	High	High	High
Macrophytes	Good	Good	Good	High	High	High
pH	High	High	High	High	High	High
Phytobenthos					Moderate	Moderate
Soluble reactive phosphate	Good	Good	High	High	High	High
Biochemical oxygen demand*	Good	Good	Good	Moderate	Good	Good
Temperature*	High	High	High	High	High	High
Hydrological regime	High	High	High	High	High	High
Morphological conditions	<sup>1</sup> Moderate	<sup>1</sup> Moderate	<sup>1</sup> Moderate	<sup>1</sup> Moderate	<sup>1</sup> Moderate	<sup>1</sup> Moderate

\* This element does not contribute to overall classification.

<sup>1</sup> Morphology is classified as moderate or worse because a full survey has not yet been completed.

The yearly classifications are based on monitoring data up to the end of the previous year where available. Data more than 6 years old is not used for classifications. Elements were not classified in a particular year if they were not monitored during the previous 6 years.

For more information on the classification process see:  
[www.doeni.gov.uk/niea/nw-riverslakes](http://www.doeni.gov.uk/niea/nw-riverslakes)

**Water body name:** Curly River  
**Water body identification code:** UKGBN1NW020202049

**Catchment stakeholder group:** Lower Foyle  
**Local management area:** Roe  
**2015 Objective:** Good Status  
**2021 Objective:** Good Status  
**2027 Objective:** Good Status

**2005 risk assessment:** 1a - At risk

	2009	2010	2011	2012	2013	2014
<b>Overall status:</b>	Good	Good	Good	Good	Moderate	Moderate
<b>Confidence in overall status:</b>	High	High	High	Medium	Medium	Medium
Ammonia	High	High	High	High	High	High
Benthic Invertebrates	Good	Good	Good	Good	Good	Good
Dissolved oxygen	High	High	High	High	High	High
Fish		Good				
Macrophytes	High	High	High	High	High	High
pH	High	High	High	High	High	High
Phytobenthos					Moderate	Moderate
Soluble reactive phosphate	High	High	High	High	High	High
Biochemical oxygen demand*	High	High	Good	High	High	High
Temperature*	High	High	High	High	High	High
Hydrological regime	High	High	High	Moderate	Moderate	Good
Copper (dissolved)	Pass	Pass			Pass	Pass
Zinc (total)	Pass	Pass			Pass	Pass

\* This element does not contribute to overall classification.

The yearly classifications are based on monitoring data up to the end of the previous year where available. Data more than 6 years old is not used for classifications. Elements were not classified in a particular year if they were not monitored during the previous 6 years.

For more information on the classification process see:  
[www.doeni.gov.uk/niea/nw-riverslakes](http://www.doeni.gov.uk/niea/nw-riverslakes)

**Water body name:** Bessbrook River  
**Water body identification code:** UKGBNI1NW020203027

**Catchment stakeholder group:** Lower Foyle  
**Local management area:** Roe  
**2015 Objective:** Good Status  
**2021 Objective:** Good Status  
**2027 Objective:** Good Status

**2005 risk assessment:** 1a - At risk

	2009	2010	2011	2012	2013	2014
<b>Overall status:</b>	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate
<b>Confidence in overall status:</b>	Medium	Medium	Medium	Medium	Medium	Medium
Ammonia	High	High	High	High	High	High
Benthic Invertebrates	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate
Dissolved oxygen	Good	High	High	High	High	High
Fish	Moderate	Moderate	Moderate	Moderate		
Macrophytes	Good	Good	Good	Good	Good	Good
pH	High	High	High	High	High	High
Soluble reactive phosphate	High	High	High	High	High	High
Biochemical oxygen demand*	Good	High	High	High	High	High
Temperature*	High	High	High	High	High	High
Hydrological regime	High	High	High	High	High	High
Copper (dissolved)	Pass	Pass			Pass	Pass
Zinc (total)	Pass	Pass			Pass	Pass

\* This element does not contribute to overall classification.

The yearly classifications are based on monitoring data up to the end of the previous year where available. Data more than 6 years old is not used for classifications. Elements were not classified in a particular year if they were not monitored during the previous 6 years.

For more information on the classification process see:  
[www.doeni.gov.uk/niea/nw-riverslakes](http://www.doeni.gov.uk/niea/nw-riverslakes)

**Water body name:** Ballykelly River  
**Water body identification code:** UKGBNI1NW020203028

**Catchment stakeholder group:** Lower Foyle  
**Local management area:** Roe  
**2015 Objective:** Good Status  
**2021 Objective:** Good Status  
**2027 Objective:** Good Status

**2005 risk assessment:** 1b - Likely to be at risk

	2009	2010	2011	2012	2013	2014
<b>Overall status:</b>	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate
<b>Confidence in overall status:</b>	Medium	Medium	Medium	Low	Medium	Medium
Ammonia	High	High	High	High	High	High
Benthic Invertebrates	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate
Dissolved oxygen	High	High	High	High	High	High
Macrophytes	Good	Good	Good	Moderate	Moderate	Moderate
pH	High	High	High	High	High	High
Soluble reactive phosphate	High	High	High	High	High	High
Biochemical oxygen demand*	High	High	High	High	High	High
Temperature*	High	High	High	High	High	High
Hydrological regime	High	High	High	High	High	High
Copper (dissolved)	Pass	Pass			Pass	Pass
Zinc (total)	Pass	Pass			Pass	Pass

\* This element does not contribute to overall classification.

The yearly classifications are based on monitoring data up to the end of the previous year where available. Data more than 6 years old is not used for classifications. Elements were not classified in a particular year if they were not monitored during the previous 6 years.

For more information on the classification process see:  
[www.doeni.gov.uk/niea/nw-riverslakes](http://www.doeni.gov.uk/niea/nw-riverslakes)

**Water body name:** Faughanvale River  
**Water body identification code:** UKGBNI1NW020203029

**Catchment stakeholder group:** Lower Foyle  
**Local management area:** Roe  
**2015 Objective:** Good Status  
**2021 Objective:** Good Status  
**2027 Objective:** Good Status

**2005 risk assessment:** 1a - At risk

	2009	2010	2011	2012	2013	2014
<b>Overall status:</b>	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate
<b>Confidence in overall status:</b>	Medium	Medium	Medium	Medium	Medium	Medium
Ammonia	High	High	High	High	High	High
Benthic Invertebrates	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate
Dissolved oxygen	High	High	High	High	High	High
Macrophytes	Good	Good	Good	Good	Good	Good
pH	High	High	High	High	High	High
Soluble reactive phosphate	High	High	High	High	High	High
Biochemical oxygen demand*	High	High	High	High	High	High
Hydrological regime	High	High	High	High	High	High
Copper (dissolved)	Pass	Pass			Pass	Pass
Zinc (total)	Pass	Pass				

\* This element does not contribute to overall classification.

The yearly classifications are based on monitoring data up to the end of the previous year where available. Data more than 6 years old is not used for classifications. Elements were not classified in a particular year if they were not monitored during the previous 6 years.

For more information on the classification process see:  
[www.doeni.gov.uk/niea/nw-riverslakes](http://www.doeni.gov.uk/niea/nw-riverslakes)

**Water body name:** Muff River  
**Water body identification code:** UKGBN1NW020203030

**Catchment stakeholder group:** Lower Foyle  
**Local management area:** Roe  
**2015 Objective:** Good Status  
**2021 Objective:** Good Status  
**2027 Objective:** Good Status

**2005 risk assessment:** 1a - At risk

	2009	2010	2011	2012	2013	2014
<b>Overall status:</b>	Good	Good	Good	Good	Good	Good
<b>Confidence in overall status:</b>	High	Medium	Medium	Medium	Medium	Medium
Ammonia	High	High	High	High	High	High
Benthic Invertebrates	Good	Good	Good	Good	Good	Good
Dissolved oxygen	High	High	High	High	High	High
Macrophytes	Good	Good	Good	Good	Good	Good
pH	High	High	High	High	High	High
Soluble reactive phosphate	Good	High	High	High	High	High
Biochemical oxygen demand*	High	High	High	High	High	High
Temperature*	High	High	High	High	High	High
Hydrological regime	High	High	High	High	High	High
Copper (dissolved)	Pass	Pass			Pass	Pass
Zinc (total)	Pass	Pass			Pass	Pass

\* This element does not contribute to overall classification.

The yearly classifications are based on monitoring data up to the end of the previous year where available. Data more than 6 years old is not used for classifications. Elements were not classified in a particular year if they were not monitored during the previous 6 years.

For more information on the classification process see:

[www.doeni.gov.uk/niea/nw-riverslakes](http://www.doeni.gov.uk/niea/nw-riverslakes)

**Water body name:** Roe Estuary  
**Water body identification code:** UKGBNI5NW250020  
**Catchment stakeholder group:** Lower Foyle  
**Local management area:** Roe  
**2015 Objective:** Good Status  
**2021 Objective:** Good Status  
**2027 Objective:** Good Status  
**2005 risk assessment:** 1a - At risk

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	2009	2010	2011	2012	2013	2014
<b>Overall status:</b>	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate
<b>Confidence in overall status:</b>						
Alien Species	Absent	Absent	Absent	Absent	Absent	Absent
Specific pollutants				Pass	Pass	Pass
Dissolved inorganic nitrogen			Moderate	Good	Poor	Poor
Dissolved oxygen	High	High	High	High	High	High
Fish	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate
General conditions	High	High	Moderate	Good	Good	Poor
Macroalgae			High	High	High	High
Phytoplankton						High


The yearly classifications are based on monitoring data up to the end of the previous year where possible. Data more than 6 years old is not used for classifications.

For more information on the classification process see:  
<http://www.doeni.gov.uk/niea/nw-coastal>



<b>Water body name:</b>	Castle River
<b>Water body identification code:</b>	UKGBNI1NW020202011
<b>Catchment stakeholder group:</b>	Lower Foyle
<b>Local management area:</b>	Roe
<b>2015 Objective:</b>	Moderate Status
<b>2021 Objective:</b>	Good Status
<b>2027 Objective:</b>	Good Status

**2005 risk assessment:** 1a - At risk

**2009 overall status:** Moderate   
( Confidence in overall status: Medium )

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### Reasons for setting alternative objectives

#### **Technically infeasible - Cause of adverse impact unknown**

The specific source of the adverse pressure or combination of pressures on this water body, causing a deterioration in status, has yet to be determined. Consequently, a solution cannot feasibly be identified and further investigation is necessary.

<b>Water body name:</b>	Castle River
<b>Water body identification code:</b>	UKGBNI1NW020202044
<b>Catchment stakeholder group:</b>	Lower Foyle
<b>Local management area:</b>	Roe
<b>2015 Objective:</b>	Moderate Status
<b>2021 Objective:</b>	Good Status
<b>2027 Objective:</b>	Good Status

**2005 risk assessment:** 1b - Likely to be at risk

**2009 overall status:** Poor   
( Confidence in overall status: Low )

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### Reasons for setting alternative objectives

#### **Technically infeasible - Cause of adverse impact unknown**

The specific source of the adverse pressure or combination of pressures on this water body, causing a deterioration in status, has yet to be determined. Consequently, a solution cannot feasibly be identified and further investigation is necessary.

<b>Water body name:</b>	Castle River
<b>Water body identification code:</b>	UKGBNI1NW020202045
<b>Catchment stakeholder group:</b>	Lower Foyle
<b>Local management area:</b>	Roe
<b>2015 Objective:</b>	Moderate Status
<b>2021 Objective:</b>	Good Status
<b>2027 Objective:</b>	Good Status

**2005 risk assessment:** 1b - Likely to be at risk


**2009 overall status:** Moderate   
( Confidence in overall status: Medium )

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### Reasons for setting alternative objectives

#### **Technically infeasible - Cause of adverse impact unknown**

The specific source of the adverse pressure or combination of pressures on this water body, causing a deterioration in status, has yet to be determined. Consequently, a solution cannot feasibly be identified and further investigation is necessary.

<b>Water body name:</b>	Owenrigh River
<b>Water body identification code:</b>	UKGBNI1NW020202010 <i>This is a heavily modified water body.</i>
<b>Catchment stakeholder group:</b>	Lower Foyle
<b>Local management area:</b>	Roe
<b>2015 Objective:</b>	Moderate ecological potential
<b>2021 Objective:</b>	Moderate ecological potential
<b>2027 Objective:</b>	Good ecological potential
<b>2005 risk assessment:</b>	1a - At risk
<b>2009 ecological potential:</b>	Moderate 
( Confidence in ecological potential:	High )

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### Reasons for setting alternative objectives

#### **Technically infeasible - Cause of adverse impact unknown**

The specific source of the adverse pressure or combination of pressures on this water body, causing a deterioration in status, has yet to be determined. Consequently, a solution cannot feasibly be identified and further investigation is necessary.