Local Management Areas

Reasons for status for the water bodies within the Six Mile Water LMA

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

INVESTORS IN PEOPLE

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

Water body name: Doagh River
Water body identification code: UKGBNI1NB030305001

Catchment stakeholder group: Lower Neagh Bann
Local management area: Six Mile Water
2015 Objective: Moderate Status
2021 Objective: Good Status
2027 Objective: Good Status

2005 risk assessment: 1a - At risk

	2009	2010	2011	2012	2013	2014
Overall status:	Poor	Poor	Moderate	Moderate	Moderate	Moderate
Confidence in overall status:	Low	Low	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	High	High	High	Good	Good	Good
pH	High	High	High	High	High	High
Phytobenthos	Poor	Poor	Moderate	Moderate	Moderate	Moderate
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	Moderate	Moderate
Morphological conditions	[1]Moderate	[1]Moderate	[1]Moderate	[1]Moderate	[1]Moderate	[1]Moderate
Copper (dissolved)	Pass	Pass			Pass	Pass
Zinc (total)	Pass	Pass			Pass	Pass

* This element does not contribute to overall classification.

[1] 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/neagh-riversandlakes

Water body name: Ilsekelly Burn
Water body identification code: UKGBNI1NB030305121

Catchment stakeholder group: Lower Neagh Bann
Local management area: Six Mile Water
2015 Objective: Good Status
2021 Objective: Good Status
2027 Objective: Good Status

2005 risk assessment: 1a - At risk

	2009	2010	2011	2012	2013	2014
Overall status:	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate
Confidence in overall status:	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	Moderate	Moderate	Moderate	Moderate
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/neagh-riversandlakes

Water body name: Six mile Water
Water body identification code: UKGBNI1NB030305122
This is a heavily modified water body.
Catchment stakeholder group: Lower Neagh Bann
Local management area: Six Mile Water
2015 Objective: Moderate ecological potential
2021 Objective: Good ecological potential
2027 Objective: Good ecological potential

2005 risk assessment: 1a - At risk

	2009	2010	2011	2012	2013	2014
Overall status:	PEP	PEP	MEP	MEP	MEP	MEP
Confidence in overall status:	Low	Low	Medium	Medium	Medium	Medium
Ammonia	High	High	High	High	High	High
Benthic Invertebrates	Moderate	Moderate	Good	Moderate	Good	Good
Dissolved oxygen	High	High	High	High	High	High
Fish	Poor	Good	Good	Good	Good	Good
Macrophytes	Good	High	High	High	Good	Good
pH	High	High	High	High	High	High
Phytobenthos	Poor	Poor	Moderate	Moderate	Moderate	Moderate
Soluble reactive phosphate	Good	Good	Good	High	High	High
Biochemical oxygen demand*	Good	High	High	High	High	Good
Temperature*	High	High	High	High	High	High
Hydrological regime	High	High	High	High	Good	Good
Morphological conditions				Moderate	Moderate	Moderate
Copper (dissolved)	Pass	Pass	Pass	Pass	Pass	Pass
Fluoranthene					Pass	Pass
Naphthalene					Pass	Pass
Polyaromatichydrocarbons (PAH)					Pass	Pass
Toluene						Pass
Zinc (total)	Pass	Pass	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/neagh-heavily-modified

Water body name: Rathmore Burn
Water body identification code: UKGBNI1NB030305124

Catchment stakeholder group: Lower Neagh Bann
Local management area: Six Mile Water
2015 Objective: Good Status
2021 Objective: Good Status
2027 Objective: Good Status

2005 risk assessment: 1a - At risk

	2009	2010	2011	2012	2013	2014
Overall status:	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate
Confidence in overall status:	Medium	Medium	Medium	Medium	Medium	Medium
Ammonia	High	High	High	High	High	High
Benthic Invertebrates	Moderate	Moderate	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	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate
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
Morphological conditions	[1]Moderate	[1]Moderate	[1]Moderate	[1]Moderate	[1]Moderate	[1]Moderate
Copper (dissolved)	Pass	Pass			Pass	Pass
Zinc (total)	Pass	Pass			Pass	Pass

* This element does not contribute to overall classification.

[1] 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/neagh-riversandlakes

Water body name: Four Mile Burn
Water body identification code: UKGBNI1NB030305128

Catchment stakeholder group: Lower Neagh Bann
Local management area: Six Mile Water
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
Overall status:	Good	Good	Moderate	Moderate	Moderate	Moderate
Confidence in overall status:	High	High	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	High	High	High	High	High
pH	High	High	High	High	High	High
Phytobenthos			Moderate	Moderate	Moderate	Moderate
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/neagh-riversandlakes

Water body name:	Plaskets Burn
Water body identification code:	UKGBNI1NB030305162
	This is a heavily modified water body.
Catchment stakeholder group:	Lower Neagh Bann
Local management area:	Six Mile Water
2015 Objective:	Moderate ecological potential
2021 Objective:	Good ecological potential
2027 Objective:	Good ecological potential
2005 risk assessment:	1a - At risk

	2009	2010	2011	2012	2013	2014
Overall status:	PEP	PEP	PEP	PEP	PEP	
Confidence in overall status:	Low	Low	Low	Low	Low	Low
Benthic Invertebrates	Poor	Poor	Poor	Poor	Poor	Poor
Macrophytes	Good	Good	Good	Good	Good	Good
Phytobenthos			Moderate	Moderate	Moderate	Moderate
Hydrological regime	High	High	High	High	High	High
Morphological conditions					Moderate	Moderate

* 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/neagh-heavily-modified

Water body name: Six Mile Water
Water body identification code: UKGBNI1NB030305202

Catchment stakeholder group: Lower Neagh Bann
Local management area: Six Mile Water
2015 Objective: Good Status
2021 Objective: Good Status
2027 Objective: Good Status

2005 risk assessment: 1a - At risk

	2009	2010	2011	2012	2013	2014
Overall status:	Good	Good	Moderate	Moderate	Moderate	Moderate
Confidence in overall status:	High	High	Medium	Medium	Medium	Medium
Ammonia	High	High	High	High	High	High
Benthic Invertebrates	Good	Good	High	High	High	High
Dissolved oxygen	High	High	High	High	High	High
Fish	Good	Good	Good			
Macrophytes	High	High	High	Good	Good	Good
pH	High	High	High	High	High	High
Phytobenthos			Moderate	Moderate	Moderate	Moderate
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

* 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/neagh-riversandlakes

Water body name: Ballynure Water
Water body identification code: UKGBNI1NB030305203

Catchment stakeholder group: Lower Neagh Bann
Local management area: Six Mile Water
2015 Objective: Good Status
2021 Objective: Good Status
2027 Objective: Good Status

2005 risk assessment: 1a - At risk

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

* This element does not contribute to overall classification.

[1] 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/neagh-riversandlakes

Water body name: Six Mile Water
Water body identification code: UKGBNI1NB030305204
This is a heavily modified water body.
Catchment stakeholder group: Lower Neagh Bann
Local management area: Six Mile Water
2015 Objective: Good ecological potential
2021 Objective: Good ecological potential
2027 Objective: Good ecological potential

2005 risk assessment: 1a - At risk

	2009	2010	2011	2012	2013	2014
Overall status:	MEP	MEP	MEP	MEP	MEP	MEP
Confidence in overall status:	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
Fish	Good	Good	Good	Moderate	Moderate	Moderate
Macrophytes	High	Good	High	High	High	High
pH	High	High	High	High	High	High
Phytobenthos	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate
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
Morphological conditions				Moderate	Moderate	Moderate
Anthracene			Pass	Pass	Pass	Pass
Atrazine					Pass	Pass
Benzene			Pass	Pass	Pass	Pass
Benzo-a-pyrene			Pass	Pass	Pass	Pass
Carbon tetrachloride	Pass	Pass	Pass	Pass	Pass	Pass
Chlorfenvinphos					Pass	Pass
Chlorpyriphos					Pass	Pass
Copper (dissolved)	Pass	Pass	Pass	Pass	Pass	Pass
2,4-D				Pass	Pass	Pass
Diazinon					Pass	Pass
1,2-dichloroethane	Pass	Pass	Pass	Pass	Pass	Pass
Dimethoate					Pass	Pass
Diuron					Pass	Pass
Fluoranthene			Pass	Pass	Pass	Pass
Hexachlorobutadiene			Pass	Pass	Pass	Pass
Isoproturon					Pass	Pass
Linuron					Pass	Pass
Mecoprop				Pass	Pass	Pass
Mercury (dissolved)			Pass	Pass	Pass	Pass
Nonylphenol			Pass	Pass	Pass	Pass
Phenol	Pass	Pass	Pass	Pass	Pass	Pass

Simazine					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.

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For more information on the classification process see:
www.doeni.gov.uk/niea/neagh-heavily-modified

Water body name: Lisnalinchey Burn
Water body identification code: UKGBNI1NB030305205

Catchment stakeholder group: Lower Neagh Bann
Local management area: Six Mile Water
2015 Objective: Moderate Status
2021 Objective: Good Status
2027 Objective: Good Status

2005 risk assessment: 1a - At risk

	2009	2010	2011	2012	2013	2014
Overall status:	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate
Confidence in overall status:	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	High	Good	Good	High	High	Good
pH	High	High	High	High	High	High
Phytobenthos	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate
Soluble reactive phosphate	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate
Biochemical oxygen demand*	High	High	High	High	High	High
Hydrological regime	High	High	High	High	High	High
Morphological conditions	[1]Moderate	[1]Moderate	[1]Moderate	[1]Moderate	[1]Moderate	[1]Moderate

* This element does not contribute to overall classification.

[1] 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/neagh-riversandlakes

Water body name: Ballymartin Water
Water body identification code: UKGBNI1NB030305206

Catchment stakeholder group: Lower Neagh Bann
Local management area: Six Mile Water
2015 Objective: Good Status
2021 Objective: Good Status
2027 Objective: Good Status

2005 risk assessment: 1a - At risk

	2009	2010	2011	2012	2013	2014
Overall status:	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate
Confidence in overall status:	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
Phytobenthos			Moderate	Moderate	Moderate	Moderate
Soluble reactive phosphate	Good	Good	Good	Good	Good	Good
Biochemical oxygen demand*	Good	High	High	High	High	High
Temperature*	High	High	High	High	High	High
Hydrological regime	High	High	High	High	High	High
Morphological conditions	[1]Moderate	[1]Moderate	[1]Moderate	[1]Moderate	[1]Moderate	[1]Moderate
Copper (dissolved)	Pass	Pass			Pass	Pass
Zinc (total)	Pass	Pass			Pass	Pass

* This element does not contribute to overall classification.

[1] 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/neagh-riversandlakes

Water body name: Clady Water
Water body identification code: UKGBNI1NB030305207

Catchment stakeholder group: Lower Neagh Bann
Local management area: Six Mile Water
2015 Objective: Good Status
2021 Objective: Good Status
2027 Objective: Good Status

2005 risk assessment: 1a - At risk

	2009	2010	2011	2012	2013	2014
Overall status:	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate
Confidence in overall status:	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	Moderate	Good	Good	Good	Good	Good
pH	High	High	Moderate	High	High	High
Phytobenthos	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate
Soluble reactive phosphate	Good	Good	High	High	High	High
Biochemical oxygen demand*	Moderate	Moderate	Moderate	High	High	High
Temperature*	High	High	High	High	High	High
Hydrological regime	High	High	High	High	High	High
Morphological conditions	[1]Moderate	[1]Moderate	[1]Moderate	[1]Moderate	[1]Moderate	[1]Moderate
Copper (dissolved)	Pass	Pass			Pass	Pass
Zinc (total)	Pass	Pass			Pass	Pass

* This element does not contribute to overall classification.

[1] 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/neagh-riversandlakes

Water body name:	Doagh River
Water body identification code:	UKGBNI1NB030305001
Catchment stakeholder group:	Lower Neagh Bann
Local management area:	Six Mile Water
2015 Objective:	Moderate Status
2021 Objective:	Good Status
2027 Objective:	Good Status
2005 risk assessment:	1a - At risk
2009 overall status:	Poor
(Confidence in overall status:	Low)

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.

Water body name:	Six mile Water
Water body identification code:	UKGBNI1NB030305122
	This is a heavily modified water body.
Catchment stakeholder group:	Lower Neagh Bann
Local management area:	Six Mile Water
2015 Objective:	Moderate ecological potential
2021 Objective:	Good ecological potential
2027 Objective:	Good ecological potential
2005 risk assessment:	1a - At risk
2009 ecological potential:	Poor 
(Confidence in ecological potential:	Low)

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.

Water body name:	Plaskets Burn
Water body identification code:	UKGBNI1NB030305162
	This is a heavily modified water body.
Catchment stakeholder group:	Lower Neagh Bann
Local management area:	Six Mile Water
2015 Objective:	Moderate ecological potential
2021 Objective:	Good ecological potential
2027 Objective:	Good ecological potential
2005 risk assessment:	1a - At risk
2009 ecological potential:	Poor
(Confidence in ecological potential:	Low)

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.

Water body name:	Lisnalinchey Burn
Water body identification code:	UKGBNI1NB030305205
Catchment stakeholder group:	Lower Neagh Bann
Local management area:	Six Mile Water
2015 Objective:	Moderate Status
2021 Objective:	Good Status
2027 Objective:	Good Status
2005 risk assessment:	1a - At risk
2009 overall status:	Moderate
(Confidence in overall status:	Medium)

Reasons for setting alternative objectives

Natural conditions - Ecological recovery time

The time taken for the plants and animals to re-colonise and become established after the chemical and physicochemical or hydromorphological conditions have been restored to 'good'; or the time taken for the habitat conditions to 'stabilise' after improvement works have been implemented, will cause a delay in reaching good status until after 2015.