## **Local Management Areas**

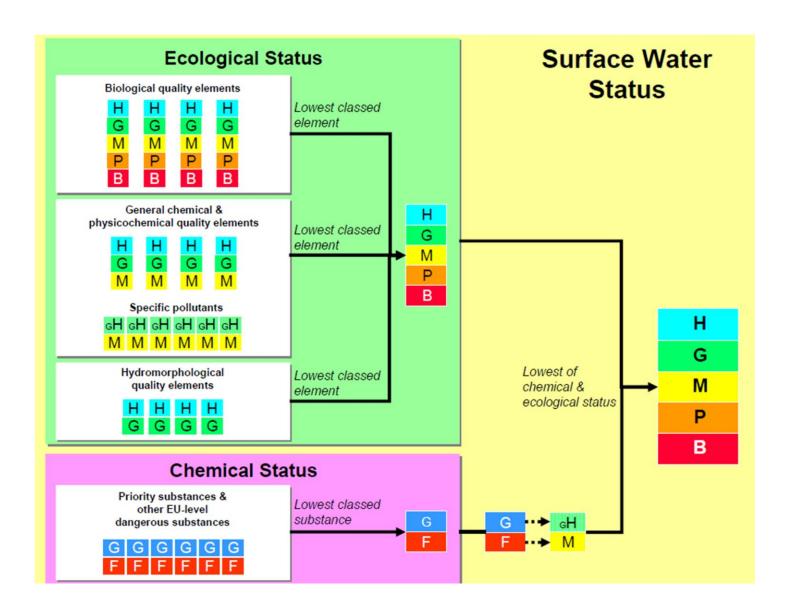
## Reasons for status for the water bodies within the Glens and Rathlin LMA

December 2015









Overall status: Confidence in overall status:	2015 Moderate Unmeasured	2016	2017	2018	2019	2020	2021		
	Biological elements								
	Physicoch	nemical	elements	5			_		
	Speci	ific pollu	tants						
	_Hydromorph	nological	element	ts <sup>1</sup>					
Hydrological regime	High								
	Priorit	y substa	nces						

Rathlin Island Rivers

North Eastern

**Good Status** 

**Good Status** 

Glens and Rathlin

UKGBNI1NE040401044

Water body name:

**River Basin District:** 

2021 Objective:

2027 Objective:

Local management area:

Water body identification code:

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.

2016 2017 2018 2019 2020 2015 2021 Overall status: Moderate Medium Confidence in overall status: Biological elements\_\_\_\_\_ Benthic invertebrates **Moderate** Macrophytes High **Phytobenthos** High Physicochemical elements\_\_\_\_\_ Biochemical Oxygen Demand <sup>1</sup> High High Dissolved Oxygen Hq High Soluble Reactive Phosphorus Good Specific pollutants.... Ammonia Good/High \_Hydromorphological elements 1\_\_\_\_\_\_ Hydrological regime High \_Priority substances\_\_\_\_\_ <sup>1</sup> BOD and temperature do not contribute to overall classification. Hydromorphical elements are supporting elements and only contribute to overall classification as either high or good.

Ballygalley Burn

Glens and Rathlin

North Eastern

**Good Status** 

**Good Status** 

UKGBNI1NE040403011

Water body name:

2021 Objective:

2027 Objective:

**River Basin District:** 

Local management area:

Water body identification code:

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.

Water body name: Glenarm River

Water body identification code: UKGBNI1NE040403012

River Basin District:

Local management area:

North Eastern

Glens and Rathlin

**2021 Objective:** Good Status **2027 Objective:** Good Status

Overall status: Confidence in overall status:	2015 Good High	2016	2017	2018	2019	2020	2021
	Biolog	gical elen	nents				
Benthic invertebrates Macrophytes Phytobenthos	High High High						
	Physicocl	nemicai e	elements.				_
Biochemical Oxygen Demand <sup>1</sup> Temperature <sup>1</sup> Dissolved Oxygen pH Soluble Reactive Phosphorus	High High High High						
	Spec	ific pollut	ants				
Ammonia Arsenic (dissolved) Chromium (dissolved) Iron (dissolved)	Good/High Good/High Good/High Good/High						
	_Hydromorph	nological	elements	s <sup>1</sup>			
Hydrological regime Morphological conditions	High Good						
	Priori	ty substa	nces				
Cadmium (dissolved) Lead (dissolved) Nickel (dissolved)	Good Good						

<sup>&</sup>lt;sup>1</sup> BOD and temperature do not contribute to overall classification. Hydromorphical elements are supporting elements and only contribute to overall classification as either high or good.

Glenariff River Water body name: Water body identification code: UKGBNI1NE040403027 **River Basin District:** North Eastern Local management area: Glens and Rathlin 2021 Objective: **Good Status** 2027 Objective: **Good Status** 2016 2017 2018 2019 2015 2020 2021 **Overall status:** Good Confidence in overall status: Medium Biological elements\_\_\_\_\_ Benthic invertebrates Good Macrophytes High **Phytobenthos** High Physicochemical elements\_\_\_\_\_ Biochemical Oxygen Demand <sup>1</sup> High Temperature 1 High Dissolved Oxygen High рΗ High Soluble Reactive Phosphorus High \_Specific pollutants\_\_\_\_\_ Good/High Ammonia Arsenic (dissolved) Good/High Chromium (dissolved) Good/High Iron (dissolved) Good/High \_Hydromorphological elements 1\_\_\_\_\_ Hydrological regime Good Priority substances\_\_\_\_\_ Cadmium (dissolved) Good Lead (dissolved) Good Nickel (dissolved) Good

<sup>&</sup>lt;sup>1</sup> BOD and temperature do not contribute to overall classification. Hydromorphical elements are supporting elements and only contribute to overall classification as either high or good.

Water body name: Tow River Water body identification code: UKGBNI1NE040403033 **River Basin District:** North Eastern Local management area: Glens and Rathlin 2021 Objective: **Good Status** 2027 Objective: **Good Status** 2016 2017 2018 2019 2015 2020 2021 **Overall status:** Good Confidence in overall status: Medium Biological elements\_\_\_\_\_ Benthic invertebrates Good Macrophytes High **Phytobenthos** Good Physicochemical elements\_\_\_\_\_ Biochemical Oxygen Demand <sup>1</sup> High Temperature 1 High Dissolved Oxygen High рΗ High Soluble Reactive Phosphorus High \_Specific pollutants\_\_\_\_\_ Good/High Ammonia Arsenic (dissolved) Good/High Chromium (dissolved) Good/High Iron (dissolved) Good/High \_Hydromorphological elements 1\_\_\_\_\_

Hydrological regime High

Priority substances\_\_\_\_\_

Cadmium (dissolved)

Lead (dissolved)

Nickel (dissolved)

Good

Good

<sup>&</sup>lt;sup>1</sup> BOD and temperature do not contribute to overall classification. Hydromorphical elements are supporting elements and only contribute to overall classification as either high or good.

Local management area: Glens and Rathlin 2021 Objective: **Good Status** 2027 Objective: **Good Status** 2016 2018 2019 2017 2020 2015 2021 Overall status: Good High Confidence in overall status: Biological elements\_\_\_\_\_ Benthic invertebrates High Macrophytes High **Phytobenthos** High Physicochemical elements..... Biochemical Oxygen Demand <sup>1</sup> High Temperature 1 High Dissolved Oxygen High pН High Soluble Reactive Phosphorus High Specific pollutants\_\_\_\_\_ Ammonia Good/High \_Hydromorphological elements <sup>1</sup>\_\_\_\_\_\_ Hydrological regime High Morphological conditions Good \_\_\_\_\_Priority substances\_\_\_\_\_

Owencloghy Water UKGBNI1NE040403045

North Eastern

Water body name:

**River Basin District:** 

Water body identification code:

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.

<sup>1</sup> BOD and temperature do not contribute to overall classification. Hydromorphical elements are

supporting elements and only contribute to overall classification as either high or good.

2027 Objective: **Good Status** 2016 2018 2019 2017 2020 2015 2021 Overall status: Good High Confidence in overall status: Biological elements\_\_\_\_\_ Benthic invertebrates High Macrophytes High **Phytobenthos** High Physicochemical elements..... **High** Biochemical Oxygen Demand <sup>1</sup> Temperature 1 High Dissolved Oxygen High pН High Soluble Reactive Phosphorus High Specific pollutants\_\_\_\_\_ Ammonia Good/High \_Hydromorphological elements <sup>1</sup>\_\_\_\_\_\_ Hydrological regime High Morphological conditions Good Priority substances <sup>1</sup> BOD and temperature do not contribute to overall classification. Hydromorphical elements are

Linford Water

North Eastern

**Good Status** 

Glens and Rathlin

UKGBNI1NE040403048

Water body name:

2021 Objective:

**River Basin District:** 

Local management area:

Water body identification code:

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.

supporting elements and only contribute to overall classification as either high or good.

Water body name: Carnlough River Water body identification code: UKGBNI1NE040403060 **River Basin District:** North Eastern Local management area: Glens and Rathlin 2021 Objective: **Good Status** 2027 Objective: **Good Status** 2015 2016 2017 2018 2019 2020 2021 Overall status: Good Confidence in overall status: High Biological elements\_\_\_\_\_ Benthic invertebrates High Macrophytes Good **Phytobenthos** High Physicochemical elements\_\_\_\_\_ Biochemical Oxygen Demand <sup>1</sup> High Temperature 1 High Dissolved Oxygen High рΗ High Soluble Reactive Phosphorus High \_Specific pollutants\_\_\_\_\_ Good/High Ammonia Arsenic (dissolved) Good/High Chromium (dissolved) Good/High Iron (dissolved) Good/High \_Hydromorphological elements 1\_\_\_\_\_ Hydrological regime High Priority substances\_\_\_\_\_ Cadmium (dissolved)

Good

Good

Good

Lead (dissolved)

Nickel (dissolved)

<sup>&</sup>lt;sup>1</sup> BOD and temperature do not contribute to overall classification. Hydromorphical elements are supporting elements and only contribute to overall classification as either high or good.

Water body name: Glencloy River Water body identification code: UKGBNI1NE040403061 **River Basin District:** North Eastern Local management area: Glens and Rathlin 2021 Objective: **Good Status** 2027 Objective: **Good Status** 2016 2017 2018 2019 2015 2020 2021 Overall status: Good Confidence in overall status: Medium Biological elements\_\_\_\_\_ Benthic invertebrates Good Macrophytes Good **Phytobenthos** Good Physicochemical elements\_\_\_\_\_ Biochemical Oxygen Demand <sup>1</sup> High Temperature 1 High Dissolved Oxygen High рΗ High Soluble Reactive Phosphorus High \_Specific pollutants\_\_\_\_\_ Good/High Ammonia Arsenic (dissolved) Good/High Chromium (dissolved) Good/High Iron (dissolved) Good/High \_Hydromorphological elements 1\_\_\_\_\_ Hydrological regime High Priority substances\_\_\_\_\_ Cadmium (dissolved) Good Lead (dissolved) Good

Good

Nickel (dissolved)

<sup>&</sup>lt;sup>1</sup> BOD and temperature do not contribute to overall classification. Hydromorphical elements are supporting elements and only contribute to overall classification as either high or good.

2021 Objective: 2027 Objective:	Good ecological potential Good ecological potential						
Overall status: Confidence in overall status:	2015 MEP Medium	2016	2017	2018	2019	2020	2021
	Biolog	gical eler	nents				
Benthic invertebrates Macrophytes Phytobenthos	Good High High						
	Physicocl	hemical	elements	S			_
Biochemical Oxygen Demand <sup>1</sup> Temperature <sup>1</sup> Dissolved Oxygen pH Soluble Reactive Phosphorus	High High High High						
-	Spec	ific pollu	tants				
Ammonia	Good/High						
	_Hydromorph	hological	element	is <sup>1</sup>			
Hydrological regime Morphological conditions	Good Good						
	Priori	ty substa	nces				

Inver River

North Eastern
Glens and Rathlin

UKGBNI1NE040403064

This is a heavily modified water body.

Water body name:

**River Basin District:** 

Local management area:

Water body identification code:

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.

<sup>1</sup> BOD and temperature do not contribute to overall classification. Hydromorphical elements are

supporting elements and only contribute to overall classification as either high or good.

The diagram on page 2 indicates how overall classification has been assessed from the individual elements. However, for heavily modified water bodies and artificial water bodies a separate

classification has been applied to determine ecological potential taking into account mitigation measures. Further details can be found on our website.

Water body name: Glenshesk River Water body identification code: UKGBNI1NE040405119 **River Basin District:** North Eastern Local management area: Glens and Rathlin 2021 Objective: **Good Status** 2027 Objective: **Good Status** 2016 2017 2018 2019 2015 2020 2021 **Overall status:** Good Confidence in overall status: Medium Biological elements\_\_\_\_\_ Benthic invertebrates Good Macrophytes High **Phytobenthos** High Physicochemical elements\_\_\_\_\_ Biochemical Oxygen Demand <sup>1</sup> High Temperature 1 High Dissolved Oxygen High рΗ High Soluble Reactive Phosphorus High \_Specific pollutants\_\_\_\_\_ Good/High Ammonia Arsenic (dissolved) Good/High Chromium (dissolved) Good/High Iron (dissolved) Good/High \_Hydromorphological elements 1\_\_\_\_\_ Hydrological regime High Priority substances\_\_\_\_\_ Cadmium (dissolved) Good Lead (dissolved) Good Nickel (dissolved)

Good

<sup>&</sup>lt;sup>1</sup> BOD and temperature do not contribute to overall classification. Hydromorphical elements are supporting elements and only contribute to overall classification as either high or good.

Water body name: River Dall

Water body identification code: UKGBNI1NE040405121

River Basin District:

Local management area:

North Eastern

Glens and Rathlin

**2021 Objective:** Good Status **2027 Objective:** Good Status

Overall status: Confidence in overall status:	2015 Moderate Medium	2016	2017	2018	2019	2020	2021
	Biolog	ical elem	nents				
Benthic invertebrates Macrophytes Phytobenthos Fish	Good High High Moderate						
	Physicoch	nemical e	elements.				
Biochemical Oxygen Demand <sup>1</sup> Temperature <sup>1</sup> Dissolved Oxygen pH Soluble Reactive Phosphorus	High High High High High						
	Speci	fic pollut	ants				
Ammonia Arsenic (dissolved) Chromium (dissolved) Iron (dissolved) Toluene	Good/High Good/High Good/High Good/High						
	.Hydromorph	ological	elements	s <sup>1</sup>			
Hydrological regime	High Dui a vita						
	Priorit	y substa	nces				
Benzene Brominated diphenylether Cadmium (dissolved) Lead (dissolved) Mercury (dissolved) Nickel (dissolved)	Good Good Good Good Good						

<sup>&</sup>lt;sup>1</sup> BOD and temperature do not contribute to overall classification. Hydromorphical elements are supporting elements and only contribute to overall classification as either high or good.

Water body name: Essathohan Burn Water body identification code: UKGBNI1NE040403062 **River Basin District:** North Eastern Local management area: Glens and Rathlin 2021 Objective: **Good Status** 2027 Objective: **Good Status** 2016 2017 2018 2019 2015 2020 2021 **Overall status:** Moderate High Confidence in overall status: \_Biological elements\_\_\_\_\_ Benthic invertebrates High Macrophytes High **Phytobenthos** Good Fish **Moderate** Physicochemical elements\_\_\_\_\_ Biochemical Oxygen Demand <sup>1</sup> High Temperature 1 High **Dissolved Oxygen** High pН High Soluble Reactive Phosphorus High Specific pollutants\_\_\_\_\_ Good/High Ammonia Good/High Arsenic (dissolved) Chromium (dissolved) Good/High Cypermethrin<sup>2</sup> **Moderate** 2.4-D Good/High Good/High Diazinon Glyphosate Good/High Iron (dissolved) Good/High Good/High Linuron Mecoprop Good/High Good/High Permethrin \_Hydromorphological elements 1\_\_\_\_\_\_

Hydrological regime

Morphological conditions

Good

Priority substances

Atrazine Good
Cadmium (dissolved) Good
Chlorpyriphos Good
Diuron Good

Isoproturon
Lead (dissolved)
Mercury (dissolved)
Simazine
Good
Good
Good
Good
Good
Good
Good

<sup>1</sup> BOD and temperature do not contribute to overall classification. Hydromorphical elements are supporting elements and only contribute to overall classification as either high or good.

<sup>2</sup> For overall status cypermethrin has been assessed alongside biological elements.

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.

Water body name: Carey River

Water body identification code: UKGBNI1NE040405118

River Basin District:

Local management area:

North Eastern
Glens and Rathlin

**2021 Objective:**Good Status **2027 Objective:**Good Status

Overall status: Confidence in overall status:	2015 <mark>Moderate</mark> Medium	2016	2017	2018	2019	2020	2021
	Biolog	jical eler	nents				
Benthic invertebrates Macrophytes Phytobenthos Fish	Good High High Good						
	Physicocl	nemical	elements	<b>.</b>			_
Biochemical Oxygen Demand <sup>1</sup> Temperature <sup>1</sup> Dissolved Oxygen pH Soluble Reactive Phosphorus	High High High High						
	Spec	ific pollu	tants				
Ammonia Arsenic (dissolved) Chromium (dissolved) Cypermethrin <sup>2</sup> 2,4-D Diazinon Glyphosate Iron (dissolved) Linuron Mecoprop Permethrin	Good/High Good/High Good/High Moderate Good/High Good/High Good/High Moderate Good/High Good/High Good/High Good/High						
Hydrological regime	High						
,		v suheta	inces				
		y Jubaic					
Atrazine Cadmium (dissolved) Chlorpyriphos Diuron Isoproturon	Good Good Good Good						

Lead (dissolved) Mercury (dissolved) Nickel (dissolved) Simazine



<sup>1</sup> BOD and temperature do not contribute to overall classification. Hydromorphical elements are supporting elements and only contribute to overall classification as either high or good.

<sup>2</sup> For overall status cypermethrin has been assessed alongside biological elements.

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.

Water body name: Glendun River Water body identification code: UKGBNI1NE040405120 **River Basin District:** North Eastern Local management area: Glens and Rathlin 2021 Objective: **Good Status** 2027 Objective: **Good Status** 2016 2017 2018 2019 2015 2020 2021 **Overall status:** Moderate Medium Confidence in overall status: Biological elements\_\_\_\_\_ Benthic invertebrates Good Macrophytes High **Phytobenthos** High Fish Good Physicochemical elements\_\_\_\_\_ High Biochemical Oxygen Demand <sup>1</sup> Temperature 1 High **Dissolved Oxygen** High pН **Moderate** Soluble Reactive Phosphorus High Specific pollutants\_\_\_\_\_ Good/High Ammonia Good/High Arsenic (dissolved) Chromium (dissolved) Good/High Cypermethrin<sup>2</sup> **Moderate** 2.4-D Good/High Good/High Diazinon Glyphosate Good/High Iron (dissolved) **Moderate** Good/High Linuron Mecoprop Good/High Permethrin Good/High Good/High Toluene \_Hydromorphological elements 1\_\_\_\_\_\_ Hydrological regime High Morphological conditions Good \_\_Priority substances\_\_\_\_\_ Atrazine Good

Good

Good

Benzene

Brominated diphenylether

Cadmium (dissolved)	Good
Chlorpyriphos	Good
Diuron	Good
Isoproturon	Good
Lead (dissolved)	Good
Mercury (dissolved)	Good
Nickel (dissolved)	Good
Simazine	Good

<sup>&</sup>lt;sup>1</sup> BOD and temperature do not contribute to overall classification. Hydromorphical elements are supporting elements and only contribute to overall classification as either high or good.

<sup>&</sup>lt;sup>2</sup> For overall status cypermethrin has been assessed alongside biological elements.

Water body name: Rathlin Island
Water body identification code: UKGBNI6NE020

River Basin District:

Local management area:

2021 Objective:

Clens and Rathlin

Good Status

Good Status

Good Status

2015 2016 2017 2018 2019 2020 2021

Overall status:

Confidence in overall status:

Alien Species

Benthic Invertebrates

Dissolved inorganic nitrogen

Dissolved oxygen

High

Hydromorphology

Good

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.

Good

Water body name: North Channel Water body identification code: UKGBNI6NE030

River Basin District:

Local management area:

2021 Objective:

Clens and Rathlin

Good Status

Good Status

Good Status

2015 2016 2017 2018 2019 2020 2021

Overall status:

Good

Confidence in overall status:

Alien Species

Benthic Invertebrates

Dissolved inorganic nitrogen

Dissolved oxygen

High

Hydromorphology

Good

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.

Water body name: Maiden Islands
Water body identification code: UKGBNI6NE040

River Basin District:

Local management area:

North Eastern

Glens and Rathlin

**2021 Objective:**High Status
2027 Objective:
High Status

2015 2016 2017 2018 2019 2020 2021

Overall status: High

Confidence in overall status:

Alien Species
Benthic Invertebrates
Dissolved inorganic nitrogen
Dissolved oxygen
High
Hydromorphology
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.