Local Management Areas

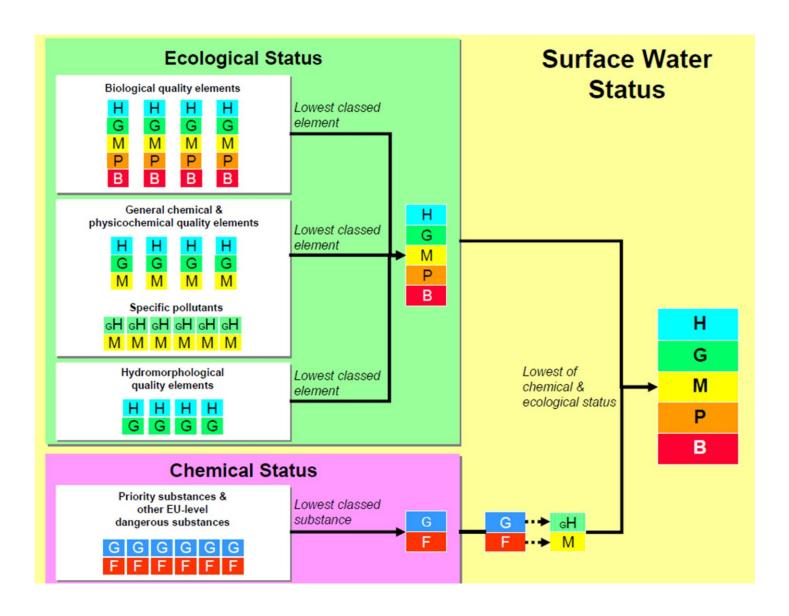
Reasons for status for the water bodies within the Carlingford and Newry LMA

December 2015









Water body name: Clanrye North River Water body identification code: UKGBNI1NB060601003 **River Basin District:** Neagh Bann Carlingford and Newry Local management area: **Good Status** 2021 Objective: 2027 Objective: **Good Status** 2016 2018 2015 2017 2019 2020 2021 Overall status: Moderate Confidence in overall status: Medium Biological elements_____ Benthic invertebrates **Moderate** Macrophytes High **Phytobenthos** Moderate Physicochemical elements_____ Biochemical Oxygen Demand ¹ Moderate Temperature 1 High Dissolved Oxygen High рΗ High Soluble Reactive Phosphorus Moderate _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)

¹ 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: Mayobridge River UKGBNI1NB060601018 Water body identification code: **River Basin District:** Neagh Bann Carlingford and Newry Local management area: 2021 Objective: **Moderate Status** 2027 Objective: **Good Status** 2016 2018 2015 2017 2019 2020 Overall status: Moderate Confidence in overall status: Medium Biological elements_____ Benthic invertebrates **Moderate** Macrophytes High **Phytobenthos** Moderate Physicochemical elements_____

Moderate

2021

Biochemical Oxygen Demand ¹ Good
Temperature ¹ High
Dissolved Oxygen
pH
High

Soluble Reactive Phosphorus

_____Specific pollutants_____

Ammonia Good/High
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

¹ 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.

Overall status: Confidence in overall status:	2015 <mark>Moderate</mark> Low	2016	2017	2018	2019	2020	2021
	Biolog	ical eler	nents				
Benthic invertebrates Macrophytes Phytobenthos	Moderate Good Good						
	Physicoch	emical	elements	3			_
Biochemical Oxygen Demand ¹ Dissolved Oxygen pH Soluble Reactive Phosphorus	Good High High Moderate						
	Speci	fic pollu	tants				
Ammonia	Good/High						
	_Hydromorph	ological	elemen	ts ¹			
Hydrological regime	High						
	Priorit	y substa	ances				

Derryleckagh Stream

Neagh Bann

Good Status

Good Status

UKGBNI1NB060601020

Carlingford and Newry

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.

Water body name:
Clanrye River
UKGBNI1NB060601021
River Basin District:
Local management area:
Carlingford and Newry
Good Status
Cood Status
Good Status

Overall status: Confidence in overall status:	2015 Moderate Low	2016	2017	2018	2019	2020	2021
	Biolog	ical elen	nents				
Benthic invertebrates Macrophytes Phytobenthos	Moderate High Moderate —Physicoch	emical e	elements				
Biochemical Oxygen Demand ¹ Temperature ¹ Dissolved Oxygen pH Soluble Reactive Phosphorus	Moderate High High Moderate						
	Speci	fic pollut	ants				
Ammonia Arsenic (dissolved) Chromium (dissolved) Iron (dissolved)	Good/High Good/High Good/High Good/High						
	Hydromorph	ological	element	S ¹			
Hydrological regime	Good						
Cadmium (dissolved) Lead (dissolved) Nickel (dissolved)	Good Good Good	,					

¹ 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.

Overall status: Confidence in overall status:	2015 <mark>Moderate</mark> Low	2016	2017	2018	2019	2020	2021
	Biolog	ical eler	nents				
Benthic invertebrates Macrophytes Phytobenthos	Good Moderate Moderate						
	Physicoch	emical	elements	3			_
	Speci	fic pollu	tants				
	_Hydromorph	ological	element	ts 1			
Hydrological regime	High						
	Priority	y substa	ınces				
¹ BOD and temperature do not c supporting elements and only co				-	-		nts are

Loughbrickland Stream

Carlingford and Newry

Neagh Bann

Good Status

Good Status

UKGBNI1NB060601025

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.

Water body name: Cassy Water

Water body identification code: UKGBNI1NB060604011

River Basin District: Neagh Bann

Local management area: Carlingford and Newry

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	hemical e	elements				_
Biochemical Oxygen Demand ¹ Temperature ¹ 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						
	_Hydromorpl	nological	element	s ¹			
Hydrological regime	High						
	Priori	ty substa	nces				
Cadmium (dissolved) Lead (dissolved) Nickel (dissolved)	Good Good						

¹ 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: 2016 2018 2017 2019 2020 2015 2021 Overall status: Good High Confidence in overall status: Biological elements_____ Benthic invertebrates High Macrophytes Good **Phytobenthos** High Physicochemical elements_____ Biochemical Oxygen Demand ¹ High High Dissolved Oxygen Hq High Soluble Reactive Phosphorus High Specific pollutants_____ Ammonia Good/High _Hydromorphological elements 1______ Hydrological regime High Morphological conditions Good Priority substances_____

Ghann River

Neagh Bann

Good Status

Good Status

UKGBNI1NB060604040

Carlingford and Newry

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.

¹ 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: Kilbroney River

Water body identification code: UKGBNI1NB060604041

River Basin District: Neagh Bann

Local management area: Carlingford and Newry

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

Overall status: Confidence in overall status:	2015 Poor High	2016	2017	2018	2019	2020	2021
	Biolo	gical eler	nents				
Benthic invertebrates Macrophytes Phytobenthos Fish	High High High Poor						
	Physicod	hemical	elements	.			_
Biochemical Oxygen Demand ¹ Temperature ¹ Dissolved Oxygen pH Soluble Reactive Phosphorus	High High High High High						
	Spec	cific pollu	tants				
Ammonia Arsenic (dissolved) Chromium (dissolved) Iron (dissolved) Toluene	Good/High Good/High Good/High Good/High Good/High						
	Hydromorp	hological	element	:S ¹			
Hydrological regime Morphological conditions	High Good						
	Prior	ity substa	inces				
Benzene Brominated diphenylether Cadmium (dissolved) Lead (dissolved) Mercury (dissolved) Nickel (dissolved)	Good Good Good Good Good						

¹ 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 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.

River Basin District: Neagh Bann Carlingford and Newry Local management area: **Good Status** 2021 Objective: 2027 Objective: **Good Status** 2016 2018 2019 2015 2017 2020 2021 Overall status: Good Confidence in overall status: Medium Biological elements_____ Benthic invertebrates Good Macrophytes Good **Phytobenthos** Good Physicochemical elements_____ Biochemical Oxygen Demand ¹ High Temperature 1 High Dissolved Oxygen High рΗ High Soluble Reactive Phosphorus Good _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

Moygannon River

UKGBNI1NB060604042

Water body name:

Water body identification code:

¹ 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: White Water River
Water body identification code: UKGBNI1NB060604045

River Basin District: Neagh Bann

Local management area: Carlingford and Newry

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 elem	nents				
Benthic invertebrates Macrophytes Phytobenthos	High High Good						
	Physicocl	hemical e	elements.				-
Biochemical Oxygen Demand ¹ Temperature ¹ 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						
	_Hydromorph	nological	elements	s ¹			
Hydrological regime Morphological conditions	High Good						
-	Priorit	ty substa	nces				
Cadmium (dissolved) Lead (dissolved) Nickel (dissolved)	Good Good						

¹ 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	ecologic	cal poten	tial			
Overall status: Confidence in overall status:	2015 MEP Unmeasured	2016	2017	2018	2019	2020	2021
	Biolog	ical eler	nents				
	Physicoch	nemical	elements	<u> </u>			_
	Speci	fic pollu	ants				
	_Hydromorph	ological	element	S ¹			
Hydrological regime Morphological conditions	High Good						
	Priorit	y substa	nces				
BOD and temperature do not co supporting elements and only cor				-	•		nts are

Newry Canal

Neagh Bann

UKGBNI1NB060604048

Carlingford and Newry

Good ecological potential

This is an artificial water body.

Water body name:

River Basin District:

2021 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.

Water body name: Jerretspass River Water body identification code: UKGBNI1NB060608226 **River Basin District:** Neagh Bann Carlingford and Newry Local management area: 2021 Objective: **Good Status** 2027 Objective: **Good Status** 2016 2017 2018 2019 2015 2020 2021 Overall status: Moderate Low Confidence in overall status: Biological elements_____ Benthic invertebrates Good Macrophytes Good **Phytobenthos** Good Fish Good Physicochemical elements_____ Biochemical Oxygen Demand ¹ Good Temperature ¹ High Dissolved Oxygen Good pН High Soluble Reactive Phosphorus Moderate Specific pollutants_____ Good/High Ammonia Good/High Arsenic (dissolved) Chromium (dissolved) Good/High 3,4-dichloroaniline Good/High Iron (dissolved) Good/High Pendimethalin Good/High Good/High Toluene _Hydromorphological elements 1______ Hydrological regime High _Priority substances_____

Alachlor Good Good Benzene Brominated diphenylether Good Cadmium (dissolved) Good Cyclodiene pesticides Good p,p'-DDT Good DDT (total) Good Diethylhexylphthalate Good Endosulphan Good

Hexachlorobenzene	Good
Hexachlorocyclohexane (total)	Good
Lead (dissolved)	Good
Mercury (dissolved)	Good
Nickel (dissolved)	Good
Pentachlorobenzene	Good
Trifluralin	Good

¹ 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: Forkhill River Water body identification code: UKGBNI1NB060608228 **River Basin District:** Neagh Bann Carlingford and Newry Local management area: **Good Status** 2021 Objective: 2027 Objective: **Good Status** 2016 2017 2018 2019 2015 2020 **Overall status:** Moderate Confidence in overall status: Medium Biological elements_____ Benthic invertebrates High Macrophytes Good **Phytobenthos** Moderate

Good

2021

Biochemical Oxygen Demand ¹

Temperature ¹ High
Dissolved Oxygen
pH High
Soluble Reactive Phosphorus
Good

_____Specific pollutants_____

Physicochemical elements_____

Ammonia Good/High
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

¹ 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: Bessbrook (Newry) River Water body identification code: UKGBNI1NB060608240

This is a heavily modified water body.

River Basin District: Neagh Bann

Local management area:Carlingford and Newry2021 Objective:Good ecological potential2027 Objective:Good ecological potential

2015 2016 2017 2018 2019 2020 2021 Overall status: MEP Medium Confidence in overall status: Biological elements_____ Benthic invertebrates Moderate Macrophytes Moderate **Phytobenthos** Good Physicochemical elements_____ Biochemical Oxygen Demand ¹ **Moderate** Temperature 1 High Dissolved Oxygen High Ha High Soluble Reactive Phosphorus Moderate Specific pollutants_____ Good/High Ammonia Good/High Arsenic (dissolved) Chromium (dissolved) Good/High Good/High Iron (dissolved) ______Hydromorphological elements ¹______ Hydrological regime Good Morphological conditions Good ___Priority substances_____ Cadmium (dissolved) Good Lead (dissolved) Good Nickel (dissolved) Good

¹ 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.

River Basin District: Local management area: 2021 Objective: 2027 Objective:	Carlin Good	h Bann gford an Status Status	d Newry	,			
Overall status: Confidence in overall status:	2015 Moderate Medium	2016	2017	2018	2019	2020	2021
	Biolog	ical elen	nents				
Benthic invertebrates Macrophytes Phytobenthos Fish	Good Good Moderate Moderate	oomiaal (alo monto				
	Physicoch	iemicai e	eiements	5			_
Biochemical Oxygen Demand ¹ Temperature ¹ Dissolved Oxygen pH Soluble Reactive Phosphorus	Good High High High Moderate						
	Speci	ific pollut	ants				
Ammonia Arsenic (dissolved) Chromium (dissolved) Cypermethrin ² 2,4-D Diazinon 3,4-dichloroaniline 2,4-dichlorophenol Glyphosate Iron (dissolved) Linuron Mecoprop Pendimethalin Permethrin Phenol Toluene Triclosan	Good/High Good/High Moderate Good/High	nological	element	rs 1			
Hydrological regime	Good	lological	Cicinon				
		y substa	nces				

Newry River

UKGBNI1NB060608227

Water body name:

Water body identification code:

Alachlor	Good
Anthracene	Good
Atrazine	Good
Benzene	Good
Benzo-a-pyrene	Good
Brominated diphenylether	Good
Benzo(b)fluoranthene	Good
Benzo(k)fluoranthene	Good
Benzo(g,h,i)perylene	Good
C10 - C13 chloroalkanes	Good
Cadmium (dissolved)	Good
Carbon tetrachloride	Good
Chlorpyriphos	Good
Trichloromethane (chloroform)	Good
Cyclodiene pesticides	Good
p,p'-DDT	Good
DDT (total)	Good
1,2-dichloroethane	Good
Dichloromethane	Good
Diethylhexylphthalate	Good
Diuron	Good
Endosulphan	Good
Fluoranthene	Good
Hexachlorobenzene	Good
Hexachlorobutadiene	Good
Hexachlorocyclohexane (total)	Fail
Isoproturon	Good
Lead (dissolved)	Good
Mercury (dissolved)	Good
Naphthalene	Good
Nickel (dissolved)	Good
Nonylphenol	Good
Octylphenol	Good
Pentachlorobenzene	Good
Pentachlorophenol	Good
Simazine	Good
Tetrachloroethylene	Good
Tributyltin	Good
Trichlorobenzenes (total)	Good
Trichloroethylene	Good
Trifluralin	Good

¹ 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.

² For overall status cypermethrin has been assessed alongside biological elements.

Water body name: Kilnasaggart River UKGBNI1NB060602038 Water body identification code: **River Basin District:** Neagh Bann Carlingford and Newry Local management area: **Good Status** 2021 Objective: 2027 Objective: **Good Status** 2016 2017 2018 2019 2015 2020 2021 Overall status: Moderate Confidence in overall status: Medium Biological elements_____ Benthic invertebrates Good Macrophytes Moderate **Phytobenthos** Good Fish Moderate Physicochemical elements_____ Biochemical Oxygen Demand ¹ **Moderate** Temperature 1 High Dissolved Oxygen High Ha High Soluble Reactive Phosphorus Good Specific pollutants_____ Good/High Ammonia Good/High Arsenic (dissolved) Chromium (dissolved) Good/High Good/High Iron (dissolved) Toluene Good/High _Hydromorphological elements 1______ Hydrological regime Good Morphological conditions Good Priority substances_____ Benzene Good

Benzene
Brominated diphenylether
Cadmium (dissolved)
Lead (dissolved)
Mercury (dissolved)
Nickel (dissolved)
Good
Good
Good

¹ 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 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.

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.

This water body is shared with the Republic of Ireland. Whilst individual results shown above relate to monitoring carried out within Northern Ireland, the overall status assessment has been jointly agreed by the two jurisdictions.

Water body name: County Water Water body identification code: UKGBNI1NB060603027 **River Basin District:** Neagh Bann Carlingford and Newry Local management area: **Good Status** 2021 Objective: 2027 Objective: **Good Status** 2016 2017 2018 2019 2015 2020 2021 Overall status: Moderate Confidence in overall status: Low Biological elements_____ Benthic invertebrates **Moderate** Macrophytes High **Phytobenthos** Good Physicochemical elements_____ Biochemical Oxygen Demand ¹ Good Temperature 1 High Dissolved Oxygen High рΗ High Soluble Reactive Phosphorus Moderate 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) Fail

Good

Lead (dissolved) Nickel (dissolved)

¹ 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.

This water body is shared with the Republic of Ireland. Whilst individual results shown above relate to monitoring carried out within Northern Ireland, the overall status assessment has been jointly agreed by the two jurisdictions.

Overall status: Confidence in overall status:	2015 Unmeasured	2016	2017	2018	2019	2020	2021
	Biolog	ical eler	nents				
	Physicoch	nemical	elements	3			_
	Speci	fic pollu	tants				
	_Hydromorph	nological	element	S ¹			
Hydrological regime	Good						
-	Priorit	y substa	inces				
¹ BOD and temperature do not co supporting elements and only cor							nts are

Fane River (Clarebane)

UKGBNI1NB060608229

Carlingford and Newry

Neagh Bann

Good Status

Good Status

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.

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.

This water body is shared with the Republic of Ireland. Whilst individual results shown above relate to monitoring carried out within Northern Ireland, the overall status assessment has been jointly agreed by the two jurisdictions.

Water body name:
Cully Water
UKGBNI1NB060608235
River Basin District:
Neagh Bann
Carlingford and Newry

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

2016 2018 2019 2015 2017 2020 2021 Overall status: Moderate Confidence in overall status: Low Biological elements_____ High Benthic invertebrates Macrophytes Good **Phytobenthos** Good Physicochemical elements_____ Biochemical Oxygen Demand ¹ Good Temperature 1 High **Dissolved Oxygen** Good рΗ High Soluble Reactive Phosphorus **Moderate** _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

¹ 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.

This water body is shared with the Republic of Ireland. Whilst individual results shown above relate to monitoring carried out within Northern Ireland, the overall status assessment has been jointly agreed by the two jurisdictions.

Water body name: Creggan River Water body identification code: UKGBNI1NB060608246 **River Basin District:** Neagh Bann Carlingford and Newry Local management area: 2021 Objective: Moderate Status 2027 Objective: **Good Status** 2016 2018 2019 2015 2017 2020 2021 **Overall status:** Poor Medium Confidence in overall status: Biological elements_____ Benthic invertebrates Good Macrophytes **Poor Phytobenthos** Good Fish Good Physicochemical elements_____ Biochemical Oxygen Demand ¹ Good Temperature 1 High **Dissolved Oxygen** High pН High Soluble Reactive Phosphorus Moderate Specific pollutants_____ Good/High Ammonia Good/High Arsenic (dissolved) Chromium (dissolved) Good/High 3,4-dichloroaniline Good/High 2,4-dichlorophenol Good/High Iron (dissolved) Good/High Pendimethalin Good/High Phenol Good/High Good/High Toluene _Hydromorphological elements 1_____ Hydrological regime Good Morphological conditions Good

Priority substances_____

Alachlor Good
Benzene Good
Brominated diphenylether Good
C10 - C13 chloroalkanes Good
Cadmium (dissolved) Good
Cyclodiene pesticides Good

p,p'-DDT	Good
DDT (total)	Good
Diethylhexylphthalate	Good
Endosulphan	Good
Hexachlorobenzene	Good
Hexachlorocyclohexane (total)	Good
Lead (dissolved)	Good
Mercury (dissolved)	Good
Nickel (dissolved)	Good
Nonylphenol	Good
Octylphenol	Good
Pentachlorobenzene	Good
Pentachlorophenol	Good
Trifluralin	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.

¹ 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 identification code: UKGBNI1NB060608247 **River Basin District:** Neagh Bann Carlingford and Newry Local management area: **Good Status** 2021 Objective: 2027 Objective: **Good Status** 2016 2018 2015 2017 2019 2020 2021 Overall status: Moderate Confidence in overall status: Medium Biological elements_____ Benthic invertebrates Good Macrophytes Good **Phytobenthos** Good Physicochemical elements_____ Biochemical Oxygen Demand ¹ Good Temperature 1 High Dissolved Oxygen Moderate рΗ High Soluble Reactive Phosphorus Good _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

Flurry River (Meigh)

Water body name:

¹ 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.

Overall status: Confidence in overall status:	2015 Unmeasured	2016	2017	2018	2019	2020	2021
		gical eler	ments				
	Physicoc	hemical	elements	S			_
	Spec	cific pollu	tants				
	Hydromorp	hologica	l element	is ¹			
Hydrological regime	Good						
	Priori	ity substa	ances				
¹ BOD and temperature do not supporting elements and only c							nts are

GenItle Owen's Lake Stream (Muckno Mill)

UKGBNI1NB060608248

Carlingford and Newry

Neagh Bann

Good Status

Good Status

Water body name:

2021 Objective: 2027 Objective:

River Basin District:

Local management area:

Water body identification code:

This water body is shared with the Republic of Ireland. Whilst individual results shown above relate to monitoring carried out within Northern Ireland, the overall status assessment has been jointly agreed by the two jurisdictions.

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

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

in a particular year if they were not monitored during the previous 6 years.

measures. Further details can be found on our website.

2021 Objective: 2027 Objective:		Status Status					
Overall status: Confidence in overall status:	2015 <mark>Moderate</mark> Medium	2016	2017	2018	2019	2020	2021
	Biolog	ical elen	nents				
Benthic invertebrates Macrophytes Phytobenthos Fish	Moderate Moderate Good Moderate Physicoch	nemical (elements	s.			
Biochemical Oxygen Demand ¹ Temperature ¹ Dissolved Oxygen pH Soluble Reactive Phosphorus	High Good High High Good	ioriiodi (Siomonic				_
	Speci	fic pollut	ants				
Ammonia Arsenic (dissolved) Chromium (dissolved) Cypermethrin 2 2,4-D Diazinon 3,4-dichloroaniline 2,4-dichlorophenol Glyphosate Iron (dissolved) Linuron Mecoprop Pendimethalin Permethrin Phenol	Good/High Good/High Moderate Good/High	ological	element	:s ¹			
Hydrological regime	Good	J					
		y substa	nces				
Alachlor	Good						

Fane River (Cullaville)

Carlingford and Newry

Neagh Bann

UKGBNI1NB060608249

Water body name:

River Basin District:

Local management area:

Water body identification code:

Atrazine	Good
C10 - C13 chloroalkanes	Good
Cadmium (dissolved)	Good
Carbon tetrachloride	Good
Chlorpyriphos	Good
Trichloromethane (chloroform)	Good
Cyclodiene pesticides	Good
p,p'-DDT	Good
DDT (total)	Good
1,2-dichloroethane	Good
Dichloromethane	Good
Diethylhexylphthalate	Fail
Diuron	Good
Endosulphan	Good
Hexachlorobenzene	Good
Hexachlorobutadiene	Good
Hexachlorocyclohexane (total)	Good
Isoproturon	Good
Lead (dissolved)	Good
Mercury (dissolved)	Good
Naphthalene	Good
Nickel (dissolved)	Good
Nonylphenol	Good
Octylphenol	Good
Pentachlorobenzene	Good
Pentachlorophenol	Good
Simazine	Good
Tetrachloroethylene	Good
Tributyltin	Good
Trichlorobenzenes (total)	Good
Trichloroethylene	Good
Trifluralin	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.

¹ 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: Good Status 2027 Objective: Good Status							
Overall status: Confidence in overall status:	2015 <mark>Poor</mark> Medium	2016	2017	2018	2019	2020	2021
	Biolog	gical eler	nents				
Benthic invertebrates Macrophytes Phytobenthos Fish	Moderate Moderate Good Moderate		olomonts				
	Physicoc	nemicai	eiemenis	S			_
Biochemical Oxygen Demand ¹ Temperature ¹ Dissolved Oxygen pH Soluble Reactive Phosphorus	High Good High High Good						
	Spec	ific pollu	tants				
Ammonia Arsenic (dissolved) Chromium (dissolved) Cypermethrin ² 2,4-D Diazinon 3,4-dichloroaniline 2,4-dichlorophenol Glyphosate Iron (dissolved) Linuron Mecoprop Pendimethalin Permethrin Phenol	Good/High Good/High Moderate Good/High	hological	elemen	ts ¹			
Hydrological regime	Good						
		ty substa	inces				
Alachlor	Good						

Fane River (Ballynacarry)

UKGBNI1NB060608250

Carlingford and Newry

Neagh Bann

Water body name:

River Basin District:

Local management area:

Water body identification code:

Atrazine	Good
C10 - C13 chloroalkanes	Good
Cadmium (dissolved)	Good
Carbon tetrachloride	Good
Chlorpyriphos	Good
Trichloromethane (chloroform)	Good
Cyclodiene pesticides	Good
p,p'-DDT	Good
DDT (total)	Good
1,2-dichloroethane	Good
Dichloromethane	Good
Diethylhexylphthalate	Fail
Diuron	Good
Endosulphan	Good
Hexachlorobenzene	Good
Hexachlorobutadiene	Good
Hexachlorocyclohexane (total)	Good
Isoproturon	Good
Lead (dissolved)	Good
Mercury (dissolved)	Good
Naphthalene	Good
Nickel (dissolved)	Good
Nonylphenol	Good
Octylphenol	Good
Pentachlorobenzene	Good
Pentachlorophenol	Good
Simazine	Good
Tetrachloroethylene	Good
Tributyltin	Good
Trichlorobenzenes (total)	Good
Trichloroethylene	Good
Trifluralin	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.

¹ 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.

Overall status:	2015	2016	2017	2018	2019	2020	2021
Confidence in overall status:	Unmeasured						
	Biolog	jical eler	nents				
	Physicocl	hemical	elements	S			_
	Spec	ific pollu	tants				
	Hydromorph	nologica	element	ts 1			
Hydrological regime	High						
	Priorit	ty substa	ances				
¹ BOD and temperature do not on supporting elements and only controls.				-	•		nts are

Raskeagh River

Neagh Bann

Good Status

Good Status

UKGBNI1NB060608251

Carlingford and Newry

Water body name:

2021 Objective: 2027 Objective:

River Basin District:

Local management area:

Water body identification code:

This water body is shared with the Republic of Ireland. Whilst individual results shown above relate to monitoring carried out within Northern Ireland, the overall status assessment has been jointly

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

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

in a particular year if they were not monitored during the previous 6 years.

measures. Further details can be found on our website.

agreed by the two jurisdictions.

Overall status: Confidence in overall status:	2015 Moderate Unmeasured	2016	2017	2018	2019	2020	2021
	Biolog	ical eler	nents				
	Physicoch	nemical	elements	S			_
	Speci	fic pollu	tants				
	_Hydromorph	ological	element	ts ¹			
Hydrological regime	High						
	Priority	y substa	inces				

Flurry River (Drumad Wood)

UKGBNI1NB060608252

Carlingford and Newry

Neagh Bann

Good Status

Good Status

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.

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.

Overall status: Confidence in overall status:	2015 Moderate Unmeasured	2016	2017	2018	2019	2020	2021
	Biolog	ical elen	nents				
	Physicoch	nemical (elements	3			_
	Speci	fic pollu	tants				
	_Hydromorph	ological	element	ts ¹			
Hydrological regime Morphological conditions	Good Good						
	Priorit	y substa	nces				

Gentle Owen's Lake Stream (Greaghanroe)

UKGBNI1NB060608253

Carlingford and Newry

Neagh Bann

Good Status

Good Status

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.

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: Newry Estuary
Water body identification code: UKGBNI5NB030010

This is a heavily modified water body.

River Basin District: Neagh Bann

Local management area: Carlingford and Newry

2021 Objective:Moderate ecological potential **2027 Objective:**Good ecological potential

2015 2016 2017 2018 2019 2020 2021

Overall status: MEP

Confidence in overall status:

Alien Species Absent Angiosperms **Moderate** Benthic Invertebrates **Moderate** Dissolved inorganic nitrogen Poor Dissolved oxygen High Fish **Moderate** Priority hazardous substances Fail **Moderate** Specific pollutants

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: Mourne Coast Water body identification code: UKGBNI6NB020

River Basin District: Neagh Bann

Local management area: Carlingford and Newry

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

2015 2016 2017 2018 2019 2020 2021

Overall status: Moderate

Confidence in overall status:

Alien Species

Benthic Invertebrates

Dissolved inorganic nitrogen

Dissolved oxygen

High

Hydromorphology

Moderate

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: Carlingford Lough Water body identification code: UKGBNI6NB030

River Basin District: Neagh Bann

Local management area: Carlingford and Newry

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

2015 2016 2017 2018 2019 2020 2021

Overall status: Moderate

Confidence in overall status:

Alien Species Present Angiosperms **Moderate** Benthic Invertebrates **Moderate** Dissolved inorganic nitrogen **Moderate** Dissolved oxygen High Hydromorphology **Moderate** Priority hazardous substances Fail **Moderate** Specific pollutants

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: Cam Lough Water body identification code: UKGBNI3NB0021 This is a heavily modified water body. **River Basin District:** Neagh Bann Carlingford and Newry Local management area: 2021 Objective: Moderate ecological potential 2027 Objective: Good ecological potential 2016 2017 2018 2019 2020 2015 2021 Overall status: PEP High Confidence in overall status: Biological elements_____ Macrophytes Moderate **Phytobenthos** Good Phytoplankton Poor Physicochemical elements_____ Dissolved Oxygen **Moderate** Salinity High **Total Phosphorus** Moderate Specific pollutants_____ Good/High Arsenic (dissolved) Chromium (dissolved) Good/High Cypermethrin² Moderate Good/High 2.4-D Diazinon Good/High Good/High Dimethoate Glyphosate Good/High Iron (dissolved) Good/High Linuron Good/High Mecoprop Good/High Good/High Permethrin _Hydromorphological elements 1_____ Hydrological regime Good Morphological conditions Good Priority substances_____

Atrazine Good
Cadmium (dissolved) Good
Chlorpyriphos Good
Chlorfenvinphos Good
Diuron Good
Isoproturon Good

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



¹ Hydromorphical elements are supporting elements and only contribute to overall classification as either high or good.

² 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.

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: Lough Ross Monaghan Water body identification code: UKGBNI3NB0020 Neagh Bann **River Basin District:** Carlingford and Newry Local management area: 2021 Objective: Moderate Status 2027 Objective: **Good Status** 2016 2017 2018 2019 2015 2020 2021 Overall status: Moderate Confidence in overall status: High Biological elements_____ Macrophytes **Moderate Phytobenthos** Moderate Phytoplankton Moderate _Physicochemical elements_____ Dissolved Oxygen Moderate Salinity High **Total Phosphorus** Moderate _Specific pollutants_____ Arsenic (dissolved) Good/High Chromium (dissolved) Good/High Cypermethrin² **Moderate** 2,4-D Good/High Good/High Diazinon Dimethoate Good/High Good/High Glyphosate Iron (dissolved) Good/High Linuron Good/High Good/High Mecoprop Permethrin Good/High _Hydromorphological elements 1______

Hydrological regime Good Morphological conditions High

_____Priority substances_____

Atrazine Good
Cadmium (dissolved) Good
Chlorpyriphos Good
Chlorfenvinphos Good
Diuron Good
Isoproturon Good
Lead (dissolved) Good

Mercury (dissolved) Nickel (dissolved) Simazine



- ¹ Hydromorphical elements are supporting elements and only contribute to overall classification as either high or good.
- ² 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.

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.