## **Local Management Areas**

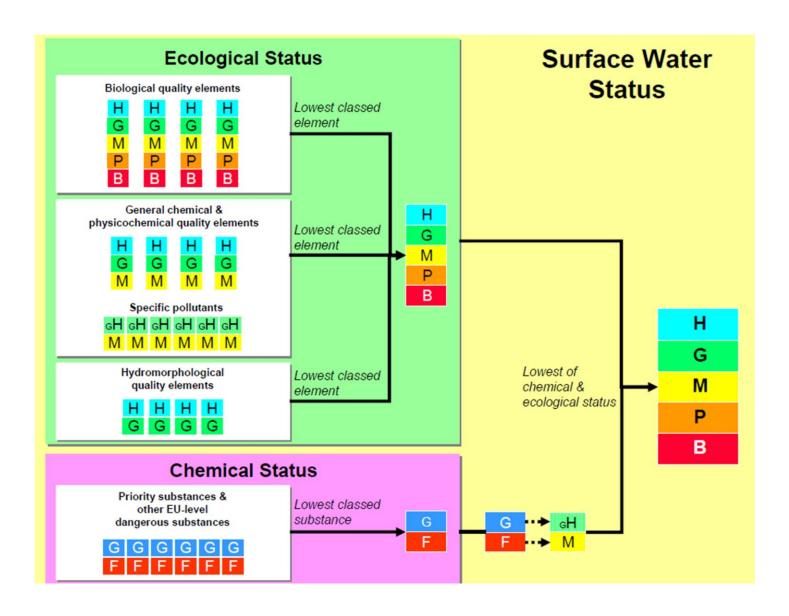
## Reasons for status for the water bodies within the Strangford LMA

December 2015









Overall status: Confidence in overall status:	2015 Moderate Low	2016	2017	2018	2019	2020	2021
	Biolog	ical eler	nents				
	Physicoch	nemical	elements	S			_
Biochemical Oxygen Demand <sup>1</sup> Dissolved Oxygen pH Soluble Reactive Phosphorus	High High High Moderate						
	Speci	fic pollu	tants				
Ammonia	Good/High						
	_Hydromorph	ological	element	is <sup>1</sup>			
Hydrological regime	High						
	Priorit	y substa	inces				
<sup>1</sup> BOD and temperature do not co supporting elements and only cor				•	•		nts are

Ballymorran Burn

North Eastern

Strangford Good Status

**Good Status** 

UKGBNI1NE050504006

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.

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

Dibney River

North Eastern

Strangford Good Status

**Good Status** 

UKGBNI1NE050504009

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.

2021 Objective: Moderate Status 2027 Objective: **Good Status** 2016 2018 2017 2019 2020 2015 2021 Overall status: Poor Low Confidence in overall status: Biological elements\_\_\_\_\_ Benthic invertebrates **Poor** Macrophytes Good **Phytobenthos** High Physicochemical elements\_\_\_\_\_ Biochemical Oxygen Demand <sup>1</sup> High Good Dissolved Oxygen Hq High Soluble Reactive Phosphorus High Specific pollutants\_\_\_\_\_ Ammonia Good/High \_Hydromorphological elements 1\_\_\_\_\_\_ Hydrological regime High Morphological conditions Good Priority substances\_\_\_\_\_

Black Causeway Stream

UKGBNI1NE050504010

North Eastern

Strangford

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.

Water body name: Enler River (Comber)
Water body identification code: UKGBNI1NE050504020

River Basin District:

Local management area:

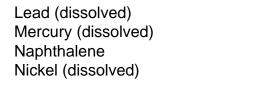
2021 Objective:

Cood Status

Good Status

Good Status

Overall status: Confidence in overall status:	2015 Poor Low	2016	2017	2018	2019	2020	2021	
	Biolog	jical elen	nents					
Benthic invertebrates Macrophytes Phytobenthos Fish	Moderate High Good Poor							
	Physicocl	nemical e	elements	i			_	
Biochemical Oxygen Demand <sup>1</sup> Temperature <sup>1</sup> Dissolved Oxygen pH Soluble Reactive Phosphorus	Good High High High Moderate							
Specific pollutants								
Ammonia Arsenic (dissolved) Chromium (dissolved) Glyphosate Iron (dissolved) Toluene	Good/High Good/High Good/High Good/High Good/High Good/High							
	_Hydromorph	nological	element	s <sup>1</sup>				
Hydrological regime Morphological conditions	High Good							
	Priorit	ty substa	nces					
Anthracene Benzene Benzo-a-pyrene Brominated diphenylether Benzo(b)fluoranthene Benzo(k)fluoranthene Benzo(g,h,i)perylene Cadmium (dissolved) Fluoranthene	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.

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.

Overall status: Confidence in overall status:	2015 Poor Low	2016	2017	2018	2019	2020	2021
-	Biolog	gical eler	nents				
Benthic invertebrates Macrophytes Phytobenthos	Poor High Good						
	Physicoc	hemical	elements	3			_
	Spec	cific pollu	tants				
	_Hydromorp	hological	element	ts 1			
Hydrological regime	High						
	Priori	ity substa	inces				
<sup>1</sup> BOD and temperature do not co supporting elements and only con							nts are

Mill Burn (Ards)

North Eastern

Moderate Status

Strangford

Good Status

UKGBNI1NE050504021

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.

2027 Objective: **Good Status** 2016 2018 2017 2019 2020 2015 2021 Overall status: Bad Low Confidence in overall status: Biological elements\_\_\_\_\_ Benthic invertebrates Bad Macrophytes Good **Phytobenthos** Good Physicochemical elements\_\_\_\_\_ Biochemical Oxygen Demand <sup>1</sup> Moderate **Moderate** Dissolved Oxygen Hq High Soluble Reactive Phosphorus Moderate Specific pollutants\_\_\_\_\_ Moderate Ammonia \_Hydromorphological elements 1\_\_\_\_\_\_ Hydrological regime High Priority substances

Blackstaff (Ards) River

North Eastern

Moderate Status

Strangford

UKGBNI1NE050504022

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.

<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.

• "	2015	2016	2017	2018	2019	2020	2021
Overall status:	Poor Low						
Confidence in overall status:	LOW						
	Biolog	gical eler	nents				
Benthic invertebrates	Poor						
Macrophytes	Moderate						
Phytobenthos	Moderate						
	Physicoc	hemical	elements	;			
	<b>,</b>						
	Snec	ific pollu	tante				
	Opeo	inc pond	iai ii3				
	_Hydromorpl	nological	element	ts <sup>1</sup>			
		J					
Hydrological regime	High						
	Priori	ty substa	inces				

Comber Tributary

North Eastern

Moderate Status

Strangford

Good Status

UKGBNI1NE050504023

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.

Overall status: Confidence in overall status:	2015 <mark>Poor</mark> Low	2016	2017	2018	2019	2020	2021
	Biolog	gical eler	nents				
Benthic invertebrates Macrophytes Phytobenthos	Poor High Moderate						
	Physicoc	hemical	elements	5			_
Biochemical Oxygen Demand <sup>1</sup> Dissolved Oxygen pH Soluble Reactive Phosphorus	Moderate Good High Moderate						
	Spec	ific pollu	tants				
Ammonia	Moderate						
	_Hydromorpl	nological	elemen	ts <sup>1</sup>			
Hydrological regime	High						
	Priori	ty substa	ances				

Ganaway Burn

North Eastern

**Moderate Status** 

Strangford

**Good Status** 

UKGBNI1NE050504031

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 2018 2017 2019 2020 2015 2021 Overall status: Moderate Medium Confidence in overall status: Biological elements\_\_\_\_\_ Benthic invertebrates **Moderate** Macrophytes Moderate **Phytobenthos** High Physicochemical elements\_\_\_\_\_ Biochemical Oxygen Demand <sup>1</sup> High High Dissolved Oxygen Hq High Soluble Reactive Phosphorus High 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

Ballyarnet Burn

North Eastern

Strangford

**Good Status** 

**Good Status** 

UKGBNI1NE050504058

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.

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

Water body name: Enler River (Dundonald)
Water body identification code: UKGBNI1NE050504080

This is a heavily modified water body.

River Basin District:

Local management area:

North Eastern
Strangford

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

Overall status: Confidence in overall status:	2015 Low	2016	2017	2018	2019	2020	2021
	Biolog	gical eler	nents				
Benthic invertebrates Macrophytes Phytobenthos Fish	Moderate High Good Poor						
	Physicocl	hemical	elements	3			_
Biochemical Oxygen Demand <sup>1</sup> Temperature <sup>1</sup> Dissolved Oxygen pH Soluble Reactive Phosphorus	Good High High Moderate						
	Spec	ific pollu	tants				
Ammonia Arsenic (dissolved) Chromium (dissolved) Glyphosate Iron (dissolved) Toluene	Good/High Good/High Good/High Good/High Good/High						
	_Hydromorph	nological	element	:s <sup>1</sup>			
Hydrological regime Morphological conditions	Good Good	-					
	Priorit	ty substa	ances				
Anthracene Benzene Benzo-a-pyrene Brominated diphenylether Benzo(b)fluoranthene Benzo(k)fluoranthene Benzo(g,h,i)perylene Cadmium (dissolved)	Good Good Good Good Good Good Good						

Fluoranthene	Good
Lead (dissolved)	Good
Mercury (dissolved)	Good
Naphthalene	Good
Nickel (dissolved)	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.

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.

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

Ballystockart River

North Eastern

Strangford Good Status

**Good Status** 

UKGBNI1NE050504081

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.

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

Local management area: 2021 Objective: 2027 Objective:	Strangford  Moderate ecological potential  Good ecological potential							
Overall status: Confidence in overall status:	2015 MEP Low	2016	2017	2018	2019	2020	2021	
	Biological elements							
	Physicoc	hemical	elements	3			_	
Biochemical Oxygen Demand <sup>1</sup> Dissolved Oxygen pH Soluble Reactive Phosphorus	High High High Moderate							
	Spec	cific pollu	tants					
Ammonia	Good/High							
	_Hydromorp	hological	element	ts 1				
Hydrological regime Morphological conditions	High Good							
	Priori	ty substa	inces					
BOD and temperature do not co supporting elements and only co				•	•		nts are	

Cully's Burn

North Eastern

UKGBNI1NE050504085

This is a heavily modified water body.

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.

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 High Good						
	Physicoch	nemical	elements	3			_
Biochemical Oxygen Demand <sup>1</sup> Dissolved Oxygen pH Soluble Reactive Phosphorus	High High High Moderate						
	Speci	fic pollu	tants				
Ammonia	Good/High						
	_Hydromorph	ological	element	ts 1			
Hydrological regime	High						
	Priorit	y substa	nces				

Cunning Burn

North Eastern

Strangford Good Status

**Good Status** 

UKGBNI1NE050504086

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 identification code: UKGBNI1NE050504057 **River Basin District:** North Eastern Local management area: Strangford 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 Good **Phytobenthos** Moderate Fish Good Physicochemical elements\_\_\_\_\_ Biochemical Oxygen Demand <sup>1</sup> 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 Cypermethrin <sup>2</sup> **Moderate** 2.4-D Good/High Good/High Diazinon 3,4-dichloroaniline Good/High 2,4-dichlorophenol Good/High Good/High Glyphosate Iron (dissolved) Good/High Linuron Good/High Good/High Mecoprop Pendimethalin Good/High Permethrin **Moderate** Phenol Good/High Good/High Toluene \_Hydromorphological elements 1\_\_\_\_\_\_ Hydrological regime Good Good Morphological conditions

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

Blackwater (Ards) River

Water body name:

A	
Alachlor	Good
Atrazine	Good
Benzene	Good
Brominated diphenylether	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
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

<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.

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

Water body name: Ards Penninsula Water body identification code: UKGBNI6NE200

River Basin District:

Local management area:

2021 Objective:

Cood Status

Good Status

Good Status

2015 2016 2017 2018 2019 2020 2021

Overall status:

Confidence in overall status:

Alien Species Present Angiosperms Good Benthic Invertebrates Good Dissolved inorganic nitrogen High Dissolved oxygen High Hydromorphology Good Priority hazardous substances Good Good/High 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.

Good

Water body name: Strangford Lough North

Water body identification code: UKGBNI6NE140

River Basin District:

Local management area:

2021 Objective:

Cood Status

Good Status

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 Good 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: Strangford Lough South

Water body identification code: UKGBNI6NE170

River Basin District:

Local management area:

North Eastern
Strangford

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

2015 2016 2017 2018 2019 2020 2021

Overall status: Moderate

Confidence in overall status:

Angiosperms

Benthic Invertebrates

Dissolved inorganic nitrogen

Dissolved oxygen

Hydromorphology

Priority hazardous substances

Specific pollutants

Moderate

Moderate

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: Clea Lakes

Water body identification code: UKGBNI3NE0023
River Basin District: North Eastern
Local management area: Strangford

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

Overall status: Confidence in overall status:	2015 Moderate High	2016	2017	2018	2019	2020	2021
Biological elements							
Macrophytes Phytoplankton	Moderate Moderate						
Physicochemical elements							
Salinity Total Phosphorus	High Moderate						
Specific pollutants							
Arsenic (dissolved) Chromium (dissolved) Iron (dissolved) Toluene	Good/High Good/High Good/High Good/High						
Hydromorphological elements <sup>1</sup>							
Hydrological regime Morphological conditions	Good Good						
Priority substances							
Benzene Brominated diphenylether Cadmium (dissolved) Lead (dissolved) Mercury (dissolved) Nickel (dissolved)	Good Good Good Good Good						

<sup>1</sup> 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.