Local Management Areas

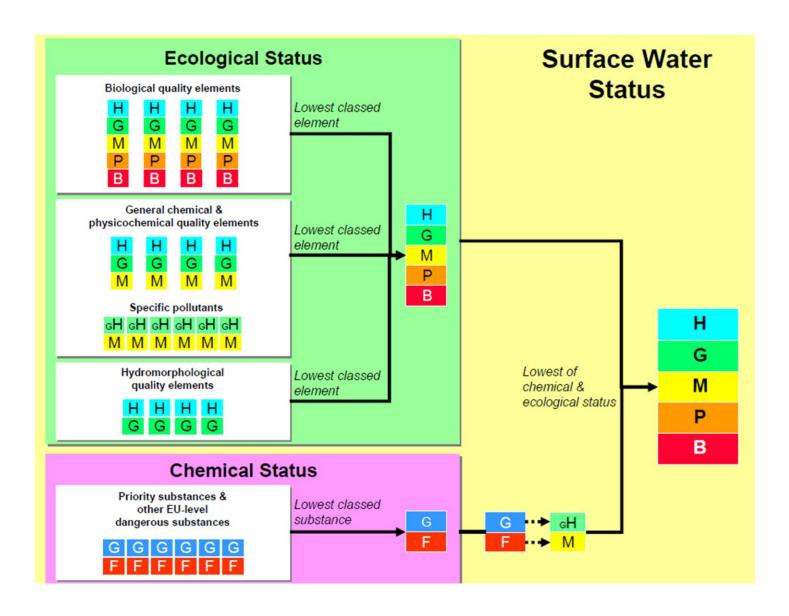
Reasons for status for the water bodies within the Lough Neagh LMA

December 2015









Poor Low			2018	2019	2020	2021
Biolog	jical eler	nents				
Poor High Moderate						
Physicoch	nemical	elements	5			_
Good High High Moderate						
Spec	ific pollu	tants				
Good/High						
Hydromorph	nological	element	ts ¹			
High						
Priorit	y substa	ances				
	Low Biolog Poor High Moderate Physicoch Good High High Moderate Special	Biological eler Poor High Moderate —Physicochemical eler Good High High High Moderate —Specific pollur Good/High Hydromorphological High	Biological elements Poor High Moderate Physicochemical elements Good High High Moderate Specific pollutants Good/High Hydromorphological elements	Biological elements Poor High Moderate Physicochemical elements Good High High Moderate Specific pollutants Good/High Hydromorphological elements 1 High	Biological elements Poor High Moderate Physicochemical elements Good High High High Hoderate Specific pollutants Good/High Hydromorphological elements 1 High	Biological elements Poor High Moderate Physicochemical elements Good High High High High High High High High

Crew Burn

Neagh Bann Lough Neagh

Good Status

Moderate Status

UKGBNI1NB030306085

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: Crumlin River (Crumlin)
Water body identification code: UKGBNI1NB030306087

River Basin District:

Local management area:

2021 Objective:

Cood Status

Cood Status

Overall status: Confidence in overall status:	2015 <mark>Moderate</mark> _{Medium}	2016	2017	2018	2019	2020	2021
	Biolog	ical elem	nents				
Benthic invertebrates Macrophytes Phytobenthos Fish	Good Good Moderate Moderate						
	Physicoch	nemical e	elements				_
Biochemical Oxygen Demand ¹ Temperature ¹ Dissolved Oxygen pH Soluble Reactive Phosphorus	Moderate High High High Moderate						
Specific pollutants							
Ammonia Arsenic (dissolved) Chromium (dissolved) 3,4-dichloroaniline Iron (dissolved) Pendimethalin Toluene	Good/High Good/High Good/High Good/High Good/High Good/High						
	_Hydromorph	ological	element	s ¹			
Hydrological regime Morphological conditions	High Good	v suhsta	nces				
Alachlor Benzene Brominated diphenylether Cadmium (dissolved) Cyclodiene pesticides p,p'-DDT DDT (total) Diethylhexylphthalate	Good Good Good Good Good Good Good	y Substa					

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: Dundesert River

Water body identification code: UKGBNI1NB030306125

River Basin District:

Local management area:

2021 Objective:

Cood Status

Cood 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 High Dissolved Oxygen High pН High Soluble Reactive Phosphorus Moderate Specific pollutants_____ Ammonia Good/High Arsenic (dissolved) Good/High Good/High Chromium (dissolved) Iron (dissolved) Good/High Good/High Toluene .Hydromorphological elements 1_____ Hydrological regime High Morphological conditions Good ___Priority substances_____ Benzene Good Brominated diphenylether Good Cadmium (dissolved) Good Lead (dissolved) Good Mercury (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.

Water body name: Dunore River

Water body identification code: UKGBNI1NB030306127

River Basin District:

Local management area:

2021 Objective:

Cood Status

Cood 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 **Moderate** Physicochemical elements_____ Biochemical Oxygen Demand ¹ High Dissolved Oxygen High pН High Soluble Reactive Phosphorus Moderate Specific pollutants_____ Ammonia Good/High Arsenic (dissolved) Good/High Chromium (dissolved) Good/High Iron (dissolved) Good/High Good/High Toluene .Hydromorphological elements 1_____ Hydrological regime High Morphological conditions Good ___Priority substances_____ Benzene Good Brominated diphenylether Good Cadmium (dissolved) Good Lead (dissolved) Good Mercury (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.

Overall status: Confidence in overall status:	2015 Moderate Unmeasured	2016	2017	2018	2019	2020	2021	
	Biolog	ical eler	nents					
Physicochemical elements								
Specific pollutants								
-	_Hydromorph	ological	element	ts ¹				
Hydrological regime	High							
	Priorit	y substa	inces					
BOD and temperature do not co supporting elements and only co				-	•		nts are	

Doon Stream

Neagh Bann

Lough Neagh Good Status

Good Status

UKGBNI1NB030306131

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.

2015 <mark>Moderate</mark> Low	2016	2017	2018	2019	2020	2021
Biolog	ical eler	nents				
Moderate Good High						
Physicoch	emical	elements	3			_
Speci	fic pollu	tants				
Hydromorph	ological	elemen	ts 1			
High						
Priority	y substa	nces				
	Moderate Low Biolog Moderate Good High Physicoch Specif	Moderate Low Biological elen Moderate Good High Physicochemical e Specific pollut Hydromorphological High	Moderate Low Biological elements Moderate Good High Physicochemical elements Specific pollutants Hydromorphological element	Moderate Low Biological elements Moderate Good High —Physicochemical elements Specific pollutants Hydromorphological elements 1 High	Moderate Low Biological elements Moderate Good High Physicochemical elements Specific pollutants Hydromorphological elements 1 High	Moderate Low Biological elements Moderate Ecocc High Physicochemical elements Specific pollutants Hydromorphological elements 1

Mourneview Stream

Neagh Bann

Lough Neagh Good Status

Good Status

UKGBNI1NB030306140

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.

2015 <mark>Moderate</mark> Low	2016	2017	2018	2019	2020	2021
Biolog	ical eler	nents				
Good <mark>High</mark> Good						
Physicoch	nemical	elements	5			_
High High High Moderate						
Speci	fic pollu	tants				
Good/High						
Hydromorph	ological	elemen	ts ¹			
High						
Priorit	y substa	inces				
	Moderate Low Biolog Good High Good Physicoch High High High Moderate Speci Good/High Hydromorph High	Moderate Low Biological eler Good High Good Physicochemical of High High High High Good/High Good/High Hydromorphological High High	Moderate Low Biological elements Good High Good Physicochemical elements High High High High Good/High Moderate Specific pollutants Good/High Hydromorphological elements High	Moderate Low Biological elements Good High Good Physicochemical elements High High High High Good/High Moderate Specific pollutants Good/High Hydromorphological elements 1 High High	Moderate Low Biological elements Good High Good Physicochemical elements High High High High High Hoderate Specific pollutants Good/High Lydromorphological elements 1 High High High	Moderate Low Biological elements

Salterstown River

Neagh Bann Lough Neagh

Good Status

Good Status

UKGBNI1NB030306141

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:

Water body identification code:

Ballinderry River (Co. Antrim)

UKGBNI1NB030306193

Neagh Bann

River Basin District:

Local management area:

2021 Objective:

Cood Status

Cood Status

Overall status: Confidence in overall status:	2015 Moderate Low	2016	2017	2018	2019	2020	2021
	Biolog	ical elen	nents				
Benthic invertebrates Macrophytes Phytobenthos	Good High Good	oomical (olomonts				
	Physicoch	iemicai e	eieirieriis				_
Biochemical Oxygen Demand ¹ Temperature ¹ Dissolved Oxygen pH Soluble Reactive Phosphorus	Good High 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						
	Priorit	y substa	nces				
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.

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

Crumlin River (Dundrod)

UKGBNI1NB030308207

Neagh Bann Lough Neagh

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.

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 Moderate Low	2016	2017	2018	2019	2020	2021
	Biolog	ical eler	nents				
Benthic invertebrates Phytobenthos	Moderate Good						
	Physicoch	nemical	elements	S			_
Biochemical Oxygen Demand ¹ Dissolved Oxygen pH Soluble Reactive Phosphorus	Moderate Good High Moderate						
	Speci	fic pollu	tants				
Ammonia	Good/High						
	_Hydromorph	nological	element	ts 1			
Hydrological regime	High						
	Priorit	y substa	inces				
¹ BOD and temperature do not co	ontribute to ov	verall cla	assificatio	on. Hydro	omorphic	al eleme	nts are

Closet River

Neagh Bann Lough Neagh

Good Status

Good Status

UKGBNI1NB030308209

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.

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 ¹ Dissolved Oxygen pH Soluble Reactive Phosphorus	Moderate Moderate High Moderate						
		fic pollu	tants				
Ammonia	Moderate						
	_Hydromorph	ological	element	is ¹			
Hydrological regime	High						
	Priorit	y substa	inces				
¹ BOD and temperature do not co supporting elements and only cor				•	•		nts are

Derrycaw Stream

Neagh Bann

Lough Neagh Good Status

Good Status

UKGBNI1NB030308238

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				
	Physicoch	nemical	elements	S			_
Biochemical Oxygen Demand ¹ Dissolved Oxygen pH Soluble Reactive Phosphorus	Moderate Moderate High Moderate						
	Speci	fic pollu	tants				
Ammonia	Good/High						
	_Hydromorph	ological	element	s 1			
Hydrological regime	High						
	Priorit	y substa	inces				
¹ BOD and temperature do not co supporting elements and only cor							nts are

Pound River

Neagh Bann

Lough Neagh Good Status

Good Status

UKGBNI1NB030308239

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.

This is a heavily modified water body.							
River Basin District: Local management area: 2021 Objective: 2027 Objective:	Neag Lough Mode	h Bann n Neagh rate eco		otential	,		
Overall status: Confidence in overall status:	2015 BEP Unmeasured	2016	2017	2018	2019	2020	2021
	Biolog	jical eler	nents				
	Physicoch	nemical	elements	3			_
	Spec	ific pollu	tants				
	Hydromorph	nological	element	ts ¹			
Hydrological regime Morphological conditions	High Good						

Lough Neagh Peripherals

Water body name:

Priority substances

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.

2021 Objective: Moderate 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 **Moderate** Physicochemical elements_____ Biochemical Oxygen Demand ¹ Good 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 Cypermethrin² **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 Mecoprop Good/High Pendimethalin Good/High Permethrin Good/High Phenol Good/High Good/High Toluene _Hydromorphological elements 1______ Hydrological regime Good Priority substances_____

Glenavy River

Neagh Bann Lough Neagh

UKGBNI1NB030308208

Water body name:

River Basin District:

Local management area:

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)	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 Trifluralin	Good
Tillurallii	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: Lough Neagh
Water body identification code: UKGBNI3NB0032

This is a heavily modified water body.

River Basin District:

Local management area:

Neagh Bann
Lough Neagh

2021 Objective:
Poor ecological potential
Moderate ecological potential

Overall status: Confidence in overall status:	2015 BEP High	2016 gical elen	2017	2018	2019	2020	2021
Macrophytes Phytobenthos Phytoplankton Fish	Bad Poor Poor High	giodi Olom					
Physicochemical elements							
Dissolved Oxygen Salinity Total Phosphorus	Good High Moderate						
	Spec	ific pollut	ants				
Arsenic (dissolved) Chromium (dissolved) Iron (dissolved) Toluene	Good/High Good/High Good/High Good/High						
	.Hydromorph	nological	element	:s ¹			
Hydrological regime Morphological conditions	Good Good	ty substa					
Anthracene Benzene Benzo-a-pyrene Brominated diphenylether Benzo(b)fluoranthene Benzo(k)fluoranthene Benzo(g,h,i)perylene Cadmium (dissolved) Fluoranthene Lead (dissolved) Mercury (dissolved) Mercury (biota) ³	Good Good Good Good Good Good Good Good						

Naphthalene Nickel (dissolved)



- ¹ Hydromorphical elements are supporting elements and only contribute to overall classification as either high or good.
- ³ Only pilot monitoring has been undertaken to date and therefore insufficient data is available to include in the assessment of overall status.

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:
Portmore Lough
Water body identification code:
UKGBNI3NB0016
River Basin District:
Neagh Bann
Local management area:
Lough Neagh
Poor Status
2027 Objective:
Moderate Status

Overall status: Confidence in overall status:	2015 <mark>Bad</mark> High	2016	2017	2018	2019	2020	2021	
	Biolog	gical elen	nents					
Macrophytes Phytobenthos Phytoplankton Fish	Bad Poor Poor Bad	h a mai a mal						
	Physicoc	nemicai (eiements	i			_	
Dissolved Oxygen Salinity Total Phosphorus	Good High Moderate	ifia mallud	.onto					
	Spec	ific pollut	ants			-		
Arsenic (dissolved) Butylbenzylphthalate Chromium (dissolved) Cypermethrin ² 2,4-D Diazinon 3,4-dichloroaniline 2,4-dichlorophenol Dimethoate Glyphosate Iron (dissolved) Linuron Mecoprop Pendimethalin Permethrin Phenol Toluene	Good/High Good/High Moderate Good/High							
Hydromorphological elements ¹								
Hydrological regime Morphological conditions	High High	J						
Priority substances								

Alachlor	Good
Atrazine	Good
Benzene	Good
Brominated diphenylether	Good
C10 - C13 chloroalkanes	Good
Cadmium (dissolved)	Good
Carbon tetrachloride	Good
Chlorpyriphos	Good
Chlorfenvinphos	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

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.

Water body name: Stoneyford Reservoir Water body identification code: UKGBNI3NB0034

This is a heavily modified water body.

River Basin District:

Local management area:

Neagh Bann
Lough Neagh

2021 Objective:

Moderate ecological potential

Good ecological potential

Overall status: Confidence in overall status:	2015 PEP High	2016	2017	2018	2019	2020	2021
	Biolog	jical elen	nents				
Macrophytes Phytobenthos Phytoplankton	Poor Moderate Moderate						
Physicochemical elements							
Dissolved Oxygen Salinity Total Phosphorus	Good High Moderate						
Specific pollutants							
Arsenic (dissolved) Chromium (dissolved) Cypermethrin ² 2,4-D Diazinon Dimethoate Glyphosate Iron (dissolved) Linuron Mecoprop Permethrin	Good/High Good/High Good/High Good/High Good/High Good/High Good/High Good/High Good/High						
	_Hydromorph	nological	element	:s ¹			
Hydrological regime Morphological conditions	Good Good						
Priority substances							
Atrazine Cadmium (dissolved) Chlorpyriphos Chlorfenvinphos Diuron Isoproturon	Good Good Good Good 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.

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.

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