Local Management Areas

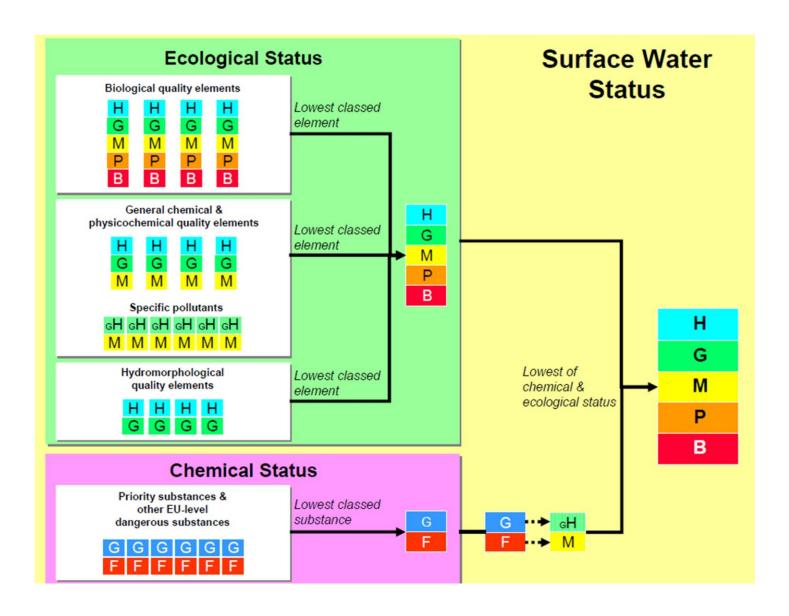
Reasons for status for the water bodies within the Lower Lough Erne LMA

December 2015









	2015	2016	2017	2018	2019	2020	2021
Overall status:	Poor						
Confidence in overall status:	Low						
	Biolo	gical eler	nents				
Benthic invertebrates	Poor						
Macrophytes Phytobenthos	Good Good						
	Physicoc	hemical	elements	3			_
	Spec	cific pollu	tants				
	Hydromorp	hological	element	ts 1			
Hydrological regime	High						
	Prior	ity substa	inces				
¹ BOD and temperature do not co							

Hollow River

North Western

Lower Lough Erne

Moderate Status

Good Status

UKGBNI1NW363601005

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 Good Medium	2016	2017	2018	2019	2020	2021
	Biolog	gical eler	nents				
Benthic invertebrates Macrophytes Phytobenthos	Good Good Good						
	Physicoc	hemical	elements	5			_
Biochemical Oxygen Demand ¹ Dissolved Oxygen pH Soluble Reactive Phosphorus	High High High Good						
	Spec	cific pollu	tants				
Ammonia	Good/High						
	_Hydromorp	hological	elemen	ts ¹			
Hydrological regime	Good						
-	Priori	ty substa	ances				

Salry River

North Western

Good Status

Good Status

Lower Lough Erne

UKGBNI1NW363601011

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.

Overall status: Confidence in overall status:	2015 <mark>Moderate</mark> Low	2016	2017	2018	2019	2020	2021		
Biological elements									
	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	ts 1					
Hydrological regime	High								
	Priorit	y substa	inces						
¹ BOD and temperature do not co supporting elements and only cor				-	-		nts are		

St Angelo Stream

Lower Lough Erne

North Western

Good Status

Good Status

UKGBNI1NW363601032

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 Good Low	2016	2017	2018	2019	2020	2021
	Biolog	gical eler	nents				
Benthic invertebrates Macrophytes Phytobenthos	High High High						
	Physicoc	hemical	elements	3			_
	Spec	ific pollu	tants				
	Hydromorp	hological	elemen	ts ¹			
Hydrological regime Morphological conditions	Good Good						
	Priori	ty substa	ances				

Blackslee Burn

North Western

Good Status

Good Status

Lower Lough Erne

UKGBNI1NW363601041

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: **Good Status** 2027 Objective: **Good Status** 2016 2018 2019 2017 2020 2015 2021 Overall status: Good Confidence in overall status: Medium Biological elements_____ Benthic invertebrates High Macrophytes High **Phytobenthos** Good Physicochemical elements_____ Biochemical Oxygen Demand ¹ Good 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 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.

Ballinamallard River (Magheracross)

UKGBNI1NW363601046

North Western

Lower Lough Erne

Water body name:

River Basin District:

Local management area:

Water body identification code:

Water body name: Edenclaw Tributary
Water body identification code: UKGBNI1NW363601047

River Basin District:

Local management area:

North Western

Lower Lough Erne

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

Overall status: Confidence in overall status:	2015 <mark>Moderate</mark> _{High} Biolog	2016 ical elem	2017 nents	2018	2019	2020	2021
Benthic invertebrates Macrophytes Phytobenthos Fish	High High High Moderate —Physicoch	nemical e	elements				_
Biochemical Oxygen Demand ¹ Temperature ¹ Dissolved Oxygen pH Soluble Reactive Phosphorus	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 ¹			
Hydrological regime Morphological conditions	High Good						
	Priorit	y substa	nces				
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.

2016 2018 2017 2019 2020 2015 2021 Overall status: Moderate Medium Confidence in overall status: Biological elements_____ Benthic invertebrates Moderate Macrophytes Moderate **Phytobenthos** Good Physicochemical elements..... Biochemical Oxygen Demand ¹ Good Temperature 1 High **Dissolved Oxygen** Moderate pΗ High Soluble Reactive Phosphorus High Specific pollutants_____ Ammonia Good/High _Hydromorphological elements ¹______ Hydrological regime High Priority substances_____ ¹ BOD and temperature do not contribute to overall classification. Hydromorphical elements are

Mantlin River

North Western

Good Status

Good Status

Lower Lough Erne

UKGBNI1NW363601053

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.

Water body name: Bannagh River

Water body identification code: UKGBNI1NW363601058

River Basin District:

Local management area:

North Western

Lower Lough Erne

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

Overall status: Confidence in overall status:	2015 Moderate Medium Biolog	2016 iical elen	2017 nents	2018	2019	2020	2021
Benthic invertebrates Macrophytes Phytobenthos Fish	High High Good Moderate						
Biochemical Oxygen Demand ¹ Temperature ¹ Dissolved Oxygen pH Soluble Reactive Phosphorus	—Physicoch Good High High High High High	nemical e	elements				-
Specific pollutants							
Ammonia Arsenic (dissolved) Chromium (dissolved) Iron (dissolved) Toluene	Good/High Good/High Good/High Good/High Good/High						
	_Hydromorph	nological	element	s ¹			
Hydrological regime Morphological conditions	High Good						
	Priorit	y substa	nces				
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.

Water body name: Dooraa Tributary

Water body identification code: UKGBNI1NW363601059

River Basin District:

Local management area:

North Western

Lower Lough Erne

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

Overall status: Confidence in overall status:	2015 Poor Low	2016	2017	2018	2019	2020	2021
	Biolog	ical elem	ents				
Benthic invertebrates Macrophytes Phytobenthos	Good Poor Good —Physicoch	nomical o	lomonts				
Biochemical Oxygen Demand ¹ Temperature ¹ Dissolved Oxygen pH Soluble Reactive Phosphorus	Good High High High High	iennicai e	iemems_				
	Speci	fic polluta	ants				
Ammonia Arsenic (dissolved) Chromium (dissolved) Iron (dissolved)	Good/High Good/High Good/High Good/High						
	_Hydromorph	ological	elements	1			
Hydrological regime Morphological conditions	Good Good						
	Priorit	y substar	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.

2016 2018 2017 2019 2020 2015 2021 Overall status: Good Medium Confidence in overall status: Biological elements_____ Benthic invertebrates High Macrophytes High **Phytobenthos** Good Physicochemical elements_____ Biochemical Oxygen Demand ¹ Good Temperature 1 High Dissolved Oxygen Good pН High Soluble Reactive Phosphorus High Specific pollutants_____ Ammonia Good/High _Hydromorphological elements ¹______ Hydrological regime High Priority substances_____ ¹ BOD and temperature do not contribute to overall classification. Hydromorphical elements are

Glendurragh River

Lower Lough Erne

North Western

Good Status

Good Status

UKGBNI1NW363601060

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.

Local management area: Lower Lough Erne 2021 Objective: **Good Status** 2027 Objective: **Good Status** 2016 2018 2019 2017 2020 2015 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 Good 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 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.

Ballinamallard River (Keenogue)

UKGBNI1NW363604039

North Western

Water body name:

River Basin District:

Water body identification code:

Water body name: Kesh River

Water body identification code: UKGBNI1NW363604055

River Basin District:

Local management area:

North Western

Lower Lough Erne

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

Cyclodiene pesticides

Overall status: Confidence in overall status:	2015 Good Medium	2016	2017	2018	2019	2020	2021
	Biolog	gical eler	nents				
Benthic invertebrates Macrophytes Phytobenthos Fish	Good Good Good						
	Physicoc	hemical	elements	3			_
Biochemical Oxygen Demand ¹ Temperature ¹ Dissolved Oxygen pH Soluble Reactive Phosphorus	High High High High High						
	Spec	ific pollu	tants				
Ammonia Arsenic (dissolved) Chromium (dissolved) 3,4-dichloroaniline 2,4-dichlorophenol Iron (dissolved) Pendimethalin Phenol Toluene	Good/High Good/High Good/High Good/High Good/High Good/High Good/High						
	_Hydromorp	hological	elemen	ts ¹			
Hydrological regime Morphological conditions	High Good						
	Priori	ty substa	ances				
Alachlor Benzene Brominated diphenylether C10 - C13 chloroalkanes Cadmium (dissolved)	Good Good Good Good						

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

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: Trillick Tributary UKGBNI1NW363604056 Water body identification code: **River Basin District:** North Western Local management area: Lower Lough Erne 2021 Objective: **Good Status** 2027 Objective: **Good Status** 2016 2018 2019 2015 2017 2020 2021 Overall status: Good Confidence in overall status: Medium Biological elements_____ Benthic invertebrates High Macrophytes High **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

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: Ballycassidy River Water body identification code: UKGBNI1NW363604057

River Basin District:

Local management area:

North Western

Lower Lough Erne

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

Overall status: Confidence in overall status:	2015 Moderate Low	2016	2017	2018	2019	2020	2021
-	Biolog	ical elem	ents				
Benthic invertebrates Macrophytes Phytobenthos Fish	Moderate Good Good Moderate						
	Physicoch	nemical e	lements.				
Biochemical Oxygen Demand ¹ Temperature ¹ Dissolved Oxygen pH Soluble Reactive Phosphorus	Good High High High Moderate						
Specific pollutants							
Ammonia Arsenic (dissolved) Chromium (dissolved) Iron (dissolved) Toluene	Good/High Good/High Good/High Good/High Good/High	·					
	Hydromorph	ological	elements	3 ¹			
Hydrological regime	Good						
	Priority	y substai	nces				
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.

2021 Objective: 2027 Objective:	Good Status Good Status							
Overall status: Confidence in overall status:	2015 <mark>Poor</mark> Medium	2016	2017	2018	2019	2020	2021	
	Biolog	ical elen	nents					
Benthic invertebrates Macrophytes Phytobenthos Fish	Good Good <mark>Moderate Poor</mark>							
	Physicoch	nemical e	elements	S			_	
Biochemical Oxygen Demand ¹ Temperature ¹ Dissolved Oxygen pH Soluble Reactive Phosphorus	Moderate High High High Moderate							
	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 Toluene	Good/High Good/High Moderate Good/High							
roiuene	Good/High							
	Hydromorph	ological	element	ts ¹				
Hydrological regime Morphological conditions	High Good							
	Priorit	y substa	nces					

Ballinamallard River (Ballinamallard)

UKGBNI1NW363601042

North Western

Water body name:

River Basin District:

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	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: Erne River (Belleek)
Water body identification code: UKGBNI1NW363604085

This is a heavily modified water body.

River Basin District: North Western
Local management area: Lower Lough Erne

2021 Objective:Good ecological potential
Good ecological potential

2015 2016 2017 2018 2019 2020 2021 Overall status: MEP Medium Confidence in overall status: Biological elements_____ Benthic invertebrates Good Macrophytes High **Phytobenthos** Good Fish **Moderate** Physicochemical elements_____ Biochemical Oxygen Demand 1 High Temperature 1 Good Dissolved Oxygen High pН High Soluble Reactive Phosphorus High ___Specific pollutants_____ Good/High Ammonia Arsenic (dissolved) Good/High Chromium (dissolved) Good/High Cypermethrin² **Moderate** 2,4-D Good/High Good/High Diazinon 3,4-dichloroaniline Good/High Good/High 2,4-dichlorophenol Glyphosate Good/High Iron (dissolved) Good/High Good/High Linuron Mecoprop Good/High Good/High Pendimethalin Permethrin Good/High Good/High Phenol Toluene Good/High

Hydrological regime

Triclosan

Good/High

.Hydromorphological elements 1_____

Priorit [®]	/ substances	
Priorit	/ substances_	

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	Good
Trifluralin	Good
	5 554

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.

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: Garvary River

Water body identification code: UKGBNI1NW363604072

River Basin District:

Local management area:

North Western

Lower Lough Erne

2021 Objective: Good Status
2027 Objective: Good Status

Overall status: Confidence in overall status:	2015 Good High	2016	2017	2018	2019	2020	2021
	Biolog	jical elen	nents				
Benthic invertebrates Macrophytes Phytobenthos Fish	High High Good High						
	Physicocl	nemical 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) Toluene	Good/High Good/High Good/High Good/High Good/High						
	_Hydromorph	nological	element	s ¹			
Hydrological regime Morphological conditions	High Good						
	Priorit	y substa	nces				
Benzene Brominated diphenylether Cadmium (dissolved) Lead (dissolved) Mercury (dissolved) Mercury (biota) ³ Nickel (dissolved)	Good Good Good Good Fail 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.
- ³ Only pilot monitoring has been undertaken to date and therefore insufficient data is available to include in the assessment of overall status.

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: Termon River (Tullynamaltra) Water body identification code: UKGBNI1NW363602088 **River Basin District:** North Western Local management area: Lower Lough Erne 2021 Objective: **Good Status** 2027 Objective: **Good Status** 2016 2018 2017 2019 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 ¹ High Temperature 1 High Dissolved Oxygen High pН High Soluble Reactive Phosphorus High Specific pollutants_____ Ammonia Good/High _Hydromorphological elements ¹______ Hydrological regime High Morphological conditions Good

_____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.

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: Termon River (Pettigoe)
Water body identification code: UKGBNI1NW363604064

River Basin District:

Local management area:

North Western

Lower Lough Erne

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 Good High Moderate						
-	Physicoch	nemical e	elements				_
Biochemical Oxygen Demand ¹ Temperature ¹ Dissolved Oxygen pH Soluble Reactive Phosphorus	High High High High High						
	Speci	fic pollut	ants				
Ammonia Arsenic (dissolved) Chromium (dissolved) Iron (dissolved)	Good/High Good/High Good/High Good/High						
	_Hydromorph	ological	elements	s ¹			
Hydrological regime	High						
	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.

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: Waterfoot River

Water body identification code: UKGBNI1NW363604078

River Basin District:

Local management area:

2021 Objective:

Moderate Status

Moderate Status

Overall status: Confidence in overall status:	2015 <mark>Moderate</mark> High	2016	2017	2018	2019	2020	2021
	Biolog	ical elen	nents				
Benthic invertebrates Macrophytes Phytobenthos Fish	High High High Moderate						
	Physicoch	nemical o	elements	j			_
Biochemical Oxygen Demand ¹ Temperature ¹ Dissolved Oxygen pH Soluble Reactive Phosphorus	High High High High						
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	High Priorit	y substa	nces				
Alachlor Benzene Brominated diphenylether Cadmium (dissolved) Cyclodiene pesticides p,p'-DDT DDT (total) Diethylhexylphthalate Endosulphan	Good Good Good Good Good Good Good	-					

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

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.

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: Lower Lough Erne Kesh Water body identification code: UKGBNI3NW0006

This is a heavily modified water body.

River Basin District: North Western
Local management area: Lower Lough Erne

Hydrological regime

Morphological conditions

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

2015 2016 2017 2018 2019 2020 2021 Overall status: MEP Medium Confidence in overall status: Biological elements_____ Macrophytes Moderate **Phytobenthos** Moderate Phytoplankton Good Fish **Moderate** .Physicochemical elements_____ Good Dissolved Oxygen High Salinity **Total Phosphorus** Good _Specific pollutants_____ Arsenic (dissolved) Good/High Butylbenzylphthalate Good/High Chromium (dissolved) Good/High Cypermethrin² **Moderate** 2,4-D Good/High Diazinon Good/High 3,4-dichloroaniline Good/High 2,4-dichlorophenol Good/High Dimethoate Good/High Good/High Glyphosate Iron (dissolved) Good/High Linuron Good/High Good/High Mecoprop Pendimethalin Good/High Good/High Permethrin Phenol Good/High Good/High Toluene Good/High Triclosan _Hydromorphological elements ¹_____

Good

Good

Driority	aubatanasa	
Priority	substances	

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
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
Fluoranthene	Good
Hexachlorobenzene	Good
Hexachlorobutadiene	Good
Hexachlorocyclohexane (total)	Good
Isoproturon	Good
Lead (dissolved)	Good
Mercury (dissolved)	Good
Mercury (biota) ³	Fail
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.

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:
Water body identification code:
UKGBNI3NW0022
River Basin District:
North Western
Local management area:
Lower Lough Erne

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				
Macrophytes Phytobenthos Phytoplankton Fish	Good High Good Good						
	Physicoc	hemical e	elements				_
Dissolved Oxygen Salinity Total Phosphorus	Good High High						
	Spec	ific pollut	ants				
Arsenic (dissolved) Butylbenzylphthalate Chromium (dissolved) 3,4-dichloroaniline Iron (dissolved) Pendimethalin Toluene	Good/High Good/High Good/High Good/High Good/High Good/High	hological	element	s ¹			
Hydrological regime Morphological conditions	High Good Priori	ty substa	nces				
Alachlor Benzene Brominated diphenylether Cadmium (dissolved) Cyclodiene pesticides p,p'-DDT DDT (total) Diethylhexylphthalate Endosulphan Hexachlorobenzene	Good Good Good Good Good Good Good Good	ty Substa					

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

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

Water body name: Lower Lough Erne Devenish Water body identification code: UKGBNI3NW0007 This is a heavily modified water body. **River Basin District:** North Western Lower Lough Erne Local management area: 2021 Objective: Moderate ecological potential 2027 Objective: Good ecological potential 2015 2016 2017 2018 2019 2020 2021 Overall status: MEP Medium Confidence in overall status: Biological elements_____ Macrophytes Moderate **Phytobenthos** Moderate Phytoplankton Good Fish **Moderate** .Physicochemical elements_____ **Dissolved Oxygen** Good High Salinity **Total Phosphorus Moderate** Specific pollutants_____ Arsenic (dissolved) Good/High Butylbenzylphthalate Good/High Chromium (dissolved) Good/High 3,4-dichloroaniline Good/High Iron (dissolved) Good/High Pendimethalin Good/High Good/High Toluene _Hydromorphological elements 1_____ Hydrological regime Good Morphological conditions Good _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

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 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.

Water body name:
Castlehume Lough
Water body identification code:
UKGBNI3NW0036
River Basin District:
North Western
Local management area:
Lower Lough Erne
Good Status

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				
Macrophytes Phytobenthos Phytoplankton	Good High High	h a minal (
	Physicoc	nemicai e	eiements	<u> </u>			_
Dissolved Oxygen Salinity Total Phosphorus	Good High High						
	Spec	ific pollut	ants				
Arsenic (dissolved) Butylbenzylphthalate Chromium (dissolved) 3,4-dichloroaniline Iron (dissolved) Pendimethalin Toluene	Good/High Good/High Good/High Good/High Good/High Good/High	hological	element	s ¹			
Hydrological regime Morphological conditions	Good Good	J					
	Priori	ty substa	nces				
Alachlor Benzene Brominated diphenylether Cadmium (dissolved) Cyclodiene pesticides p,p'-DDT DDT (total) Diethylhexylphthalate Endosulphan Hexachlorobenzene Hexachlorocyclohexane (total)	Good Good Good Good Good Good Good Good						

Good
Good
Good
Good
Good

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