Local Management Areas

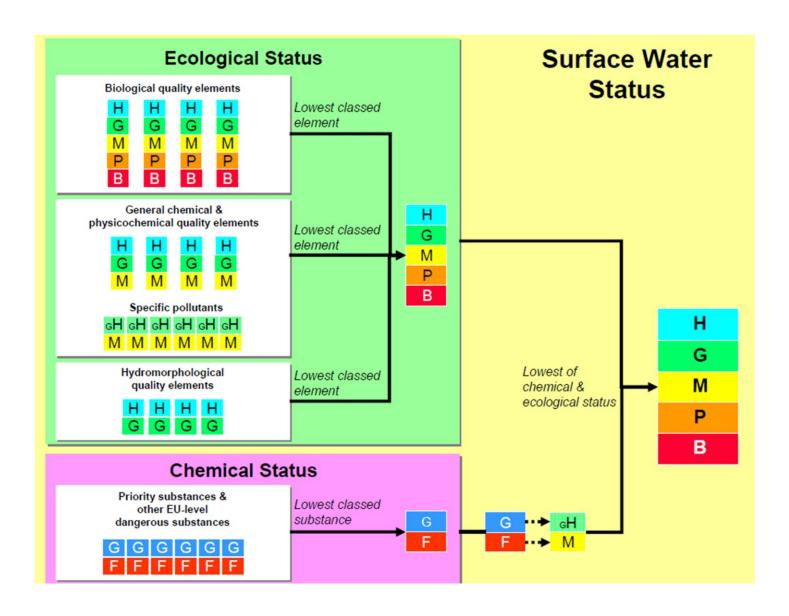
Reasons for status for the water bodies within the Lough Melvin and Arney LMA

December 2015









Water body name: Roogagh River
Water body identification code: UKGBNI1NW353504065

River Basin District: North Western

Lough Melvin and Arney

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

Overall status: Confidence in overall status:	2015 Good High Biolog	2016 gical elen	2017 nents	2018	2019	2020	2021
Benthic invertebrates Macrophytes Phytobenthos Fish	High High Good Good						
	Physicoc	hemical e	elements				
Biochemical Oxygen Demand ¹ Temperature ¹ Dissolved Oxygen pH Soluble Reactive Phosphorus	High High High High High						
	Spec	ific pollut	ants				
Ammonia Arsenic (dissolved) Chromium (dissolved) Iron (dissolved) Toluene	Good/High Good/High Good/High Good/High						
	_Hydromorp	hological	elements	S ¹			
Hydrological regime Morphological conditions	High Good						
	Priori	ty 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: Lurgan River

Water body identification code: UKĞBNI1NW363601007

River Basin District: North Western

Local management area: Lough Melvin and Arney

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

Overall status: Confidence in overall status:	2015 Moderate High	2016	2017	2018	2019	2020	2021
	Biolog	ical elen	nents				
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 High						
	Speci	ific pollut	ants				
Ammonia Arsenic (dissolved) Chromium (dissolved) Iron (dissolved) Toluene	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.

2027 Objective: **High Status** 2018 2016 2015 2017 2019 2020 2021 Overall status: High 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 Priority substances_____

Boho Tributary

North Western

High Status

UKGBNI1NW363601010

Lough Melvin and Arney

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 identification code: UKGBNI1NW363601044 **River Basin District:** North Western Local management area: Lough Melvin and Arney 2021 Objective: **Good Status** 2027 Objective: **Good Status** 2016 2017 2018 2019 2020 2015 2021 Overall status: Poor Confidence in overall status: Medium Biological elements_____ Benthic invertebrates Good Macrophytes Good **Phytobenthos** Good Fish Poor Physicochemical elements_____ Biochemical Oxygen Demand 1 High Temperature 1 High Dissolved Oxygen Good 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 High Morphological conditions Good _Priority substances_____ Benzene Good Brominated diphenylether Good Cadmium (dissolved) Good Lead (dissolved) Good Mercury (dissolved) Good Nickel (dissolved)

Good

Sillees River (Drumkeen)

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 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: HighStatus 2027 Objective: High Status 2016 2018 2015 2017 2019 2020 2021 Overall status: High 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 Priority substances_____

Florencecourt River

North Western

UKGBNI1NW363601049

Lough Melvin and Arney

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.

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

Screenagh River

North Western

Good Status

Good Status

UKGBNI1NW363601055

Lough Melvin and Arney

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 Medium	2016	2017	2018	2019	2020	2021
	Biolog	ical eler	nents				
Benthic invertebrates Macrophytes Phytobenthos	High Moderate Moderate						
	Physicoch	nemical	elements	3			_
Biochemical Oxygen Demand ¹ Temperature ¹ Dissolved Oxygen pH Soluble Reactive Phosphorus	High Good Moderate High High						
	Speci	fic pollu	tants				
Ammonia	Good/High						
	_Hydromorph	nological	element	ts 1			
Hydrological regime	High						
	Priorit	y substa	inces				

Sillees River (Derrygonnelly)

UKGBNI1NW363601056

Lough Melvin and Arney

North Western

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.

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

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

Sillees River (Lough Navar Forest)

UKGBNI1NW363601073

Lough Melvin and Arney

North Western

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.

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

Carrick Lough Feeder

North Western

Good Status

Good Status

UKGBNI1NW363601074

Lough Melvin and Arney

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: Sillees River (Carr) Water body identification code: UKGBNI1NW363604058 North Western **River Basin District:** Local management area: Lough Melvin and Arney 2021 Objective: **Good Status** 2027 Objective: **Good Status** 2016 2017 2018 2019 2020 2015 2021 Overall status: Poor Confidence in overall status: Medium Biological elements_____ Benthic invertebrates High **Moderate** Macrophytes **Phytobenthos** Good Fish Poor Physicochemical elements_____ Biochemical Oxygen Demand 1 High Temperature 1 High Dissolved Oxygen High High Soluble Reactive Phosphorus High _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 High Morphological conditions Good _Priority substances_____ Benzene Good Brominated diphenylether Good Cadmium (dissolved) Good Lead (dissolved) Good

Good

Good

Mercury (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 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: Arney River

Water body identification code: UKGBNI1NW363604059

River Basin District: North Western

Local management area: Lough Melvin and Arney

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

Overall status: Confidence in overall status:	2015 Moderate Medium	2016	2017	2018	2019	2020	2021
	Biolog	ical elem	nents				
Benthic invertebrates Macrophytes Phytobenthos Fish	Good High Good 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) Toluene	Good/High Good/High Good/High Good/High						
	.Hydromorph	ological	elements	S ¹			
Hydrological regime	High						
	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.

2015	2016	2017	2018	2019	2020	2021					
Unmeasured											
Biolog	ical eler	nents									
Physicoch	nemical	elements	5			_					
Specific pollutants											
_Hydromorph	nological	elemen	ts 1								
High											
Priorit	y substa	nces									
	Unmeasured Biolog Physicoch Speci	Unmeasured Biological eler Physicochemical Specific pollur Hydromorphological	Unmeasured Biological elements Physicochemical elements Specific pollutants Hydromorphological elements	Unmeasured Biological elements Physicochemical elements Specific pollutants Hydromorphological elements 1	Unmeasured Biological elements Physicochemical elements Specific pollutants Hydromorphological elements 1	UnmeasuredBiological elements Physicochemical elements Specific pollutants Hydromorphological elements 1					

Shannon River

North Western

Good Status

Good Status

UKGBNI1NW262601001

Lough Melvin and Arney

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: County River (Carran West) Water body identification code: UKGBNI1NW353504075 North Western **River Basin District:** Local management area: Lough Melvin and Arney 2021 Objective: **Good Status** 2027 Objective: **Good Status** 2016 2017 2018 2019 2020 2015 2021 Overall status: Good Confidence in overall status: High Biological elements_____ Benthic invertebrates High Macrophytes High **Phytobenthos** High Fish Good Physicochemical elements_____ Biochemical Oxygen Demand 1 High Temperature 1 High Dissolved Oxygen High High Soluble Reactive Phosphorus High _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 High Morphological conditions Good _Priority substances_____ Benzene Good Brominated diphenylether Good Cadmium (dissolved) Good Lead (dissolved) Good

Good

Good

Mercury (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 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: County River (Lattone)
Water body identification code: UKGBNI1NW353504076

River Basin District: North Western

Local management area: Lough Melvin and Arney

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

Overall status: Confidence in overall status:	2015 Good High Biolog	2016 gical elen	2017 nents	2018	2019	2020	2021
Benthic invertebrates Macrophytes Phytobenthos Fish	High High Good —Physicoc	hemical e	elements				
Biochemical Oxygen Demand ¹ Temperature ¹ Dissolved Oxygen pH Soluble Reactive Phosphorus	High High High High High	inomical c	Join on to				
	Spec	ific pollut	ants				
Ammonia Arsenic (dissolved) Chromium (dissolved) Iron (dissolved) Toluene	Good/High Good/High Good/High Good/High						
	Hydromorpl	hological	elements	S ¹			
Hydrological regime	High						
	Priori	ty 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.

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 Good Unmeasured	2016	2017	2018	2019	2020	2021			
-	Biolog	ical eler	nents							
	Physicoch	nemical	elements	3			_			
Specific pollutants										
	Hydromorph	nological	element	s 1						
Hydrological regime	High									
	Priorit	y substa	nces							
¹ BOD and temperature do not c supporting elements and only co				•	•		nts are			

Bradoge River

North Western

Good Status

Good Status

UKGBNI1NW353504077

Lough Melvin and Arney

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.

Overall status: Confidence in overall status:	2015 Good Unmeasured	2016	2017	2018	2019	2020	2021			
	Biolog	ical eler	nents							
	Physicoch	nemical	elements	3			_			
Specific pollutants										
Hydromorphological elements ¹										
Hydrological regime	High									
	Priorit	y substa	nces							
¹ BOD and temperature do not co supporting elements and only cor				-	-		nts are			

Drowes River

North Western

Good Status

Good Status

UKGBNI1NW353504082

Lough Melvin and Arney

Water body name:

2021 Objective:

2027 Objective:

River Basin District:

Local management area:

Water body identification code:

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.

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: Black River

Water body identification code: UKGBNI1NW363601036

River Basin District: North Western

Local management area: Lough Melvin and Arney

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

Overall status: Confidence in overall status:	2015 <mark>Moderate</mark> High	2016	2017	2018	2019	2020	2021
	Biolog	gical elen	nents				
Benthic invertebrates Macrophytes Phytobenthos Fish	High High Good Moderate						
	Physicocl	hemical e	elements				_
Biochemical Oxygen Demand ¹ Temperature ¹ Dissolved Oxygen pH Soluble Reactive Phosphorus	High High High High High						
	Spec	ific pollut	ants				
Ammonia Arsenic (dissolved) Chromium (dissolved) Iron (dissolved) Toluene	Good/High Good/High Good/High Good/High						
	_Hydromorph	nological	element	s ¹			
Hydrological regime Morphological conditions	High Good	-					
	Priorit	ty 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.

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: Cladagh River Water body identification code: UKGBNI1NW363601084

River Basin District: North Western

Local management area: Lough Melvin and Arney 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 eler	nents				
Benthic invertebrates Macrophytes Phytobenthos Fish	High High High High						
	Physicoc	hemical	elements	<u> </u>			_
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	J					
	Priori	ty substa	ances				
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.

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: Belcoo River Water body identification code: UKGBNI1NW363602092 **River Basin District:** North Western Local management area: Lough Melvin and Arney 2021 Objective: **Good Status** 2027 Objective: **Good Status** 2016 2017 2018 2019 2015 2020 2021 **Overall status:** Good Confidence in overall status: Medium Biological elements_____ Benthic invertebrates Good Macrophytes Good **Phytobenthos** Good Physicochemical elements_____ Biochemical Oxygen Demand ¹ High Temperature 1 Good Dissolved Oxygen High рΗ High Soluble Reactive Phosphorus High _Specific pollutants_____ Good/High Ammonia Arsenic (dissolved) Good/High Chromium (dissolved) Good/High Iron (dissolved) Good/High _Hydromorphological elements ¹_____ Hydrological regime High _Priority substances_____ Cadmium (dissolved) Good Lead (dissolved) Good

Good

Nickel (dissolved)

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.

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	nemical	elements	S			_
	Speci	fic pollu	tants				
	_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

Drumharriff Burn

North Western

Good Status

Good Status

UKGBNI1NW363602093

Lough Melvin and Arney

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.

2027 Objective: **Good Status** 2016 2017 2018 2019 2020 2015 2021 Overall status: Moderate Medium Confidence in overall status: Biological elements_____ Macrophytes **Moderate Phytobenthos** Good Phytoplankton Good Fish Good Physicochemical elements_____ Dissolved Oxygen Moderate Salinity High **Total Phosphorus** Good Specific pollutants_____ _Hydromorphological elements 1_____ Hydrological regime Good Morphological conditions Good

Upper Lough Macnean UKGBNI3NW0011

Lough Melvin and Arney

North Western

Moderate Status

Water body name:

2021 Objective:

River Basin District:

Local management area:

Water body identification code:

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

2027 Objective: **Good Status** 2016 2017 2018 2019 2020 2015 2021 Overall status: Moderate Low Confidence in overall status: Biological elements_____ Macrophytes **Moderate Phytobenthos** High Phytoplankton Good Fish Good Physicochemical elements_____ Dissolved Oxygen Good Salinity High **Total Phosphorus** Good Specific pollutants_____ _Hydromorphological elements 1_____ Hydrological regime High Morphological conditions High Priority substances

Lough Melvin

North Western

Moderate Status

UKGBNI3NW0033

Lough Melvin and Arney

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

2027 Objective: **Moderate Status** 2016 2018 2019 2020 2015 2017 2021 Overall status: Bad Low Confidence in overall status: Biological elements_____ Macrophytes Bad **Phytobenthos** Good Phytoplankton High Fish **Poor** Physicochemical elements_____ Dissolved Oxygen High Salinity High **Total Phosphorus** Good Specific pollutants_____ _Hydromorphological elements 1_____ Hydrological regime High Morphological conditions Good ___Priority substances_____ ¹ Hydromorphical elements are supporting elements and only contribute to overall classification as

Lower Lough Macnean

Lough Melvin and Arnev

UKGBNI3NW0014

North Western

Poor Status

Water body name:

2021 Objective:

either high or good.

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.