## Local Management Areas Reasons for status for the water bodies within the Moyola LMA

December 2015









Water body name: Water body identification code: River Basin District: Local management area: 2021 Objective: 2027 Objective:	Altagoan Burn UKGBNI1NB030303002 Neagh Bann Moyola Good Status Good Status	
Overall status: Confidence in overall status:	2015 2016 2017 2018 2019 2020 Moderate Medium	2021
Benthic invertebrates Macrophytes Phytobenthos Fish	Good Good Good Moderate	
Biochemical Oxygen Demand <sup>1</sup> Temperature <sup>1</sup> Dissolved Oxygen pH Soluble Reactive Phosphorus	Physicochemical elements High High High High Specific pollutants	
Ammonia	Good/High Hydromorphological elements <sup>1</sup>	
Hydrological regime Morphological conditions	High Good Priority substances	

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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: Water body identification code: River Basin District: Local management area: 2021 Objective: 2027 Objective:	Keen UKG Neag Moyc Gooc Gooc	aght Wat BNI1NB0 h Bann bla I Status I Status	er 3030300	04			
Overall status: Confidence in overall status:	2015 Good Low	2016	2017	2018	2019	2020	2021
	Biolog	gical elen	nents			<u> </u>	
Benthic invertebrates Macrophytes Phytobenthos	High Good High Physicoc	hemical 6		3			
	1 11901000	liennoar		,			_
	Spec	ific pollut	ants				
H	ydromorpl	hological	element	S <sup>1</sup>			
Hydrological regime Morphological conditions	<mark>High</mark> Good						
	Priori	ty substa	nces				

Water body name: Water body identification code: River Basin District: Local management area: 2021 Objective: 2027 Objective:	Back UKGE Neag Moyo Good Good	Burn 3NI1NB0 h Bann la Status Status	03030300	09			
Overall status: Confidence in overall status:	2015 <mark>Poor</mark> Medium	2016	2017	2018	2019	2020	2021
	Biolog	jical eler	nents				
Benthic invertebrates Macrophytes Phytobenthos	Moderate Poor Good						
	_Physicocl	hemical	elements	3			_
Biochemical Oxygen Demand <sup>1</sup> Dissolved Oxygen pH Soluble Reactive Phosphorus	High High High Good						
	Spec	ific pollu	tants				
Ammonia	Good/High						
ł	Hydromorph	nological	element	ts <sup>1</sup>			
Hydrological regime Morphological conditions	<mark>High</mark> Good						
	Priorit	ty substa	inces				

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Water body name: Water body identification code: River Basin District: Local management area: 2021 Objective: 2027 Objective:	Gran UKG Neag Moyo Good Good	ge Water BNI1NB( h Bann bla I Status I Status	r (Longfie )3030314	eld) 43			
Overall status: Confidence in overall status:	2015 Good High	2016	2017	2018	2019	2020	2021
	Biolo	gical eler	nents				
Benthic invertebrates Macrophytes Phytobenthos	High Good Good						
	_Physicoc	hemical	elements	5			_
Biochemical Oxygen Demand <sup>1</sup> Temperature <sup>1</sup> Dissolved Oxygen pH Soluble Reactive Phosphorus	High High High High High						
	Spec	ific pollu	tants				
Ammonia	Good/High						
ŀ	lydromorp	hological	element	ts <sup>1</sup>			
Hydrological regime Morphological conditions	<mark>High</mark> Good						
	Priori	ty substa	ances				

Water body name: Water body identification code: River Basin District: Local management area: 2021 Objective: 2027 Objective:	Magherafelt Burn UKGBNI1NB030303144 <i>This is a heavily modified water body.</i> Neagh Bann Moyola Good ecological potential Good ecological potential					
Overall status: Confidence in overall status:	2015 2016 MEP Medium	2017	2018	2019	2020	2021
	Biological eleme	nts				
Benthic invertebrates Macrophytes Phytobenthos	Voderate High Good Physicochemical ele	ements_				
Biochemical Oxygen Demand <sup>1</sup> Temperature <sup>1</sup> Dissolved Oxygen pH Soluble Reactive Phosphorus	Good High High Good					
	Specific polluta	nts				
Ammonia	Good/High					
ŀ	ydromorphological e	lements	1			
Hydrological regime Morphological conditions	<mark>High</mark> Good					
	Priority substand	ces				

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Water body name: Water body identification code: River Basin District: Local management area: 2021 Objective: 2027 Objective:	Moyola River (Castledawson) UKGBNI1NB030303154 Neagh Bann Moyola Good Status Good Status	
Overall status: Confidence in overall status:	2015 2016 2017 2018 2019 2020 Good Medium	2021
Benthic invertebrates Macrophytes Phytobenthos	High High Good Physicochemical elements	
Biochemical Oxygen Demand <sup>1</sup> Temperature <sup>1</sup> Dissolved Oxygen pH Soluble Reactive Phosphorus	Good High High Good	
	Specific pollutants	
Ammonia Arsenic (dissolved) Chromium (dissolved) Iron (dissolved)	Good/High Good/High Good/High Good/High	
	Hydromorphological elements <sup>1</sup>	
Hydrological regime Morphological conditions	High Good	
	Priority substances	
Cadmium (dissolved) Lead (dissolved) Nickel (dissolved)	Good Good Good	

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Water body name: Water body identification code: River Basin District: Local management area: 2021 Objective: 2027 Objective:	Back UKGI Neag Moyo Good Good	Burn BNI1NB( h Bann la I Status I Status	03030310	67			
Overall status: Confidence in overall status:	2015 Good High	2016	2017	2018	2019	2020	2021
	Biolog	gical eler	nents				
Benthic invertebrates Macrophytes Phytobenthos	High Good Good						
	_Physicoc	hemical	elements	3			_
Biochemical Oxygen Demand <sup>1</sup> Temperature <sup>1</sup> Dissolved Oxygen pH Soluble Reactive Phosphorus	High High High High Good						
	Spec	ific pollu	tants				
Ammonia	Good/High						
I	Hydromorpl	hological	element	S <sup>1</sup>			
Hydrological regime Morphological conditions	High Good						
	Priori	ty substa	inces				

Water body name: Water body identification code: River Basin District: Local management area: 2021 Objective: 2027 Objective:	Glengomna Water UKGBNI1NB030303210 Neagh Bann Moyola Good Status Good Status	
Overall status: Confidence in overall status:	2015 2016 2017 2018 2019 20 Good High	20 2021
	Biological elements	
Benthic invertebrates Macrophytes Phytobenthos	High High High	
	Physicochemical elements	
Biochemical Oxygen Demand <sup>1</sup> Temperature <sup>1</sup> Dissolved Oxygen pH Soluble Reactive Phosphorus	High High High High	
	Specific pollutants	
Ammonia	Good/High	
ł	Hydromorphological elements 1	
Hydrological regime Morphological conditions	High Good	
	Priority substances	

Water body name: Water body identification code: River Basin District: Local management area: 2021 Objective: 2027 Objective:	Milltov UKGE Neagl Moyo Good Good	wn Burn 3NI1NB0 h Bann la Status Status	3030322	26			
Overall status: Confidence in overall status:	2015 <mark>Moderate</mark> Medium	2016	2017	2018	2019	2020	2021
	Biolog	ical elen	nents				
Benthic invertebrates Macrophytes Phytobenthos Fish	Good Moderate Moderate Moderate						
	Physicoch	nemical e	elements	5			
Biochemical Oxygen Demand <sup>1</sup> Temperature <sup>1</sup> Dissolved Oxygen pH Soluble Reactive Phosphorus	Good High High High Good						
	Speci	ific pollut	ants				
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	nological	element	S <sup>1</sup>			
Hydrological regime Morphological conditions	High Good Priorit	v substa	nces				
Alachlor Benzene Brominated diphenylether Cadmium (dissolved) Cyclodiene pesticides p,p'-DDT DDT (total) Diethylhexylphthalate	Good Good Good Good Good Good Good					_	

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

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.

Water body name: Water body identification code: River Basin District: Local management area: 2021 Objective: 2027 Objective:	Douglas River UKGBNI1NB030303227 Neagh Bann Moyola Good Status Good Status	
Overall status: Confidence in overall status:	2015 2016 2017 2018 2019 2020 Good High	2021
	Biological elements	
Benthic invertebrates Macrophytes Phytobenthos	High High High	
	Physicochemical elements	
Biochemical Oxygen Demand <sup>1</sup> Temperature <sup>1</sup> Dissolved Oxygen pH Soluble Reactive Phosphorus	High High High High	
	Specific pollutants	
Ammonia	Good/High	
	Hydromorphological elements <sup>1</sup>	
Hydrological regime Morphological conditions	High Good	
	Priority substances	

Water body name: Water body identification code: River Basin District: Local management area: 2021 Objective: 2027 Objective:	Moyola River (Tobermore) UKGBNI1NB030303228 Neagh Bann Moyola Good Status Good Status	
Overall status: Confidence in overall status:	2015 2016 2017 2018 2019 202 Moderate <sub>High</sub>	0 2021
	Biological elements	_
Benthic invertebrates Macrophytes Phytobenthos Fish	High High Good Moderate	
	_Physicochemical elements	
Biochemical Oxygen Demand <sup>1</sup> Temperature <sup>1</sup> Dissolved Oxygen pH Soluble Reactive Phosphorus	High High High High	
	Specific pollutants	-
Ammonia Arsenic (dissolved) Chromium (dissolved) Iron (dissolved) Toluene	Good/High Good/High Good/High Good/High	
ł	Hydromorphological elements <sup>1</sup>	
Hydrological regime Morphological conditions	Good Good	
		_
Benzene Brominated diphenylether Cadmium (dissolved) Lead (dissolved) Mercury (dissolved) Nickel (dissolved)	Good Good Good Good Good	

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Water body name: Water body identification code: River Basin District: Local management area: 2021 Objective: 2027 Objective:	Moyola River (Straw) UKGBNI1NB030308205 <i>This is a heavily modified water body.</i> Neagh Bann Moyola Good ecological potential Good ecological potential					
Overall status: Confidence in overall status:	2015 2016 2017 2018 2019 2020 MEP Medium	2021				
	Biological elements					
Benthic invertebrates Macrophytes Phytobenthos	Good <mark>High</mark> Good					
	_Physicochemical elements	_				
Biochemical Oxygen Demand <sup>1</sup> Temperature <sup>1</sup> Dissolved Oxygen pH Soluble Reactive Phosphorus	High High High High Specific pollutants					
Ammonia	Good/High					
	hydromorphological elements 1					
Hydrological regime Morphological conditions	Good Good					
	Priority substances					

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Water body name: Water body identification code: River Basin District: Local management area: 2021 Objective: 2027 Objective:	Grang UKGE Neagł Moyol Good Good	ge Water SNI1NB( n Bann a Status Status	r (Curran 03030820	) 06			
Overall status: Confidence in overall status:	2015 <mark>Moderate</mark> Medium	2016	2017	2018	2019	2020	2021
	Biolog	ical elen	nents				
Benthic invertebrates Macrophytes Phytobenthos	Moderate Moderate Good						
	_Physicoch	nemical o	elements	j			_
Biochemical Oxygen Demand <sup>1</sup> Temperature <sup>1</sup> Dissolved Oxygen pH Soluble Reactive Phosphorus	High High Moderate High High						
	Speci	fic pollut	tants				
Ammonia	Good/High						
ł	Hydromorph	ological	element	S <sup>1</sup>			
Hydrological regime Morphological conditions	<mark>High</mark> Good						
Priority substances							

Water body name: Water body identification code: River Basin District: Local management area: 2021 Objective: 2027 Objective:	Moyola River (Six Towns) UKGBNI1NB030303241 Neagh Bann Moyola Good Status Good Status						
Overall status: Confidence in overall status:	2015 <mark>Moderate</mark> <sub>Medium</sub>	2016	2017	2018	2019	2020	2021
	Biolog	ical elen	nents				
Benthic invertebrates Macrophytes Phytobenthos Fish	Good <mark>High</mark> Good Good						
Physicochemical elements						_	
Biochemical Oxygen Demand <sup>1</sup> Temperature <sup>1</sup> Dissolved Oxygen pH Soluble Reactive Phosphorus	High High High High High						
	Speci	fic pollut	ants				
Ammonia Arsenic (dissolved) Chromium (dissolved) Cypermethrin <sup>2</sup> 2,4-D Diazinon Glyphosate Iron (dissolved) Linuron Mecoprop Permethrin	Good/High Good/High Moderate Good/High Good/High Good/High Good/High Good/High Good/High						
ŀ	Hydromorph	ological	element	S <sup>1</sup>			
Hydrological regime Morphological conditions	High Good						
	Priorit	y substa	nces				
Atrazine Cadmium (dissolved) Chlorpyriphos Diuron	Good Good Good Good						

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



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

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Water body name: Water body identification code: River Basin District: Local management area: 2021 Objective: 2027 Objective:	Lough Fea UKGBNI3NB0027 <i>This is a heavily modified water body.</i> Neagh Bann Moyola Good ecological potential Good ecological potential					
Overall status: Confidence in overall status:	2015 2016 2017 2018 2019 2020 GEP High	2021				
	Biological elements					
Macrophytes Phytobenthos Phytoplankton	Good High High _Physicochemical elements					
Dissolved Oxygen Salinity Total Phosphorus	Good High High					
	Specific pollutants					
Arsenic (dissolved) Chromium (dissolved) Cypermethrin <sup>2</sup> 2,4-D Diazinon Dimethoate Glyphosate Iron (dissolved) Linuron Mecoprop Permethrin	Good/High Good/High Moderate Good/High Good/High Good/High Good/High Good/High					
ŀ	Hydromorphological elements <sup>1</sup>					
Hydrological regime Morphological conditions	Good Good					
Atrazine Cadmium (dissolved) Chlorpyriphos Chlorfenvinphos Diuron Isoproturon	Priority substances Good Good Good Good Good Good					



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