

River Basin Management Plan

# Water Dependent Features of Natura 2000 sites (SACs & SPAs) in North Western River Basin District

December 2009

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# 1 Introduction

The objective for Natura 2000 Protected Areas identified in relation to relevant areas designated under the Habitats Directive is to:

- Protect and, where necessary, improve the status of the water environment to the extent necessary to achieve the conservation objectives that have been established for the protection or improvement of the site's natural habitat types and species of Community importance in order to ensure the site contributes to the maintenance of, or restoration to, favourable conservation status i.e. to protect and, where necessary, improve the water or water dependent environment to the extent necessary to maintain at or restore to favourable conservation status the water-dependent habitats and species for which the Protected Area is designated.

The objective for Natura 2000 Protected Areas identified in relation to relevant areas designated under the Birds Directive is to:

- Protect and where necessary improve the water environment to the extent necessary to achieve the conservation objectives that have been established for the protection or improvement of the site in order to ensure that the site contributes to the conservation (survival and reproduction in their area of distribution) of birds species listed in Annex I of the Birds Directive.

Where a Natura 2000 Protected Area forms part of a water body or where a water body lies within a Natura 2000 Protected Area, the Water Framework Directive status objectives apply in addition to the requirement to maintain at favourable conservation status or restore it to that status. Some water bodies that coincide with Natura 2000 Protected Areas have been designated as artificial or heavily modified; in these cases the aim to achieve good ecological potential applies in addition to the objective of favourable conservation status.

Where Natura 2000 Protected Areas are failing their conservation objectives, NIEA has identified the actions that need to be taken to achieve them. Actions necessary to avoid deterioration of the areas supporting designated habitats and species have also been identified.

These actions are part of a programme of work to achieve the objectives of the EC Habitats Directive and Birds Directive.

Where Natura 2000 Protected Areas coincide with water bodies, there is also the requirement to aim to achieve the status objectives for the relevant water bodies. The actions presented in Section 2 are specifically aimed at ensuring the continued maintenance of, or restoration to, favourable conservation status for the protected areas; they may also contribute to the water body objectives.

A table for each Natura 2000 Protected Area within the River Basin District (inc. Local Management Area (LMA)) is presented including details about the site, features, conservation status and proposed measures.

## 2 Special Areas of Conservation in the North Western IRBD

### 2.1 SLIEVE BEAGH

LMAs which this SAC partially covers: Upper Lough Erne (Two waterbodies in this LMA are associated with this SAC.)

<b>Name of Protected Area</b>  SLIEVE BEAGH	<b>Protected Area Designation</b>  SAC	<b>Current overall conservation status of the site</b>	Unfavourable: Un-classified		
		<b>Number of waterbodies of less than good status related to this SAC</b>	2		
		<b>Date for achieving Good Status</b>	2015		
<b>Overall objective for Protected Area:</b>	Favourable Conservation Status ( To protect and where necessary, improve the water or water dependent environment to the extent necessary to achieve favourable conservation status for all the water dependent features for which the protected area is designated.)				
<b>Water dependent habitats/species for designation:</b>	Blanket bogs, Dystrophic lake				
<b>Reason for site not meeting objective</b>		<b>Measures proposed achieve favourable condition or prevent deterioration</b>			
<b>Feature</b>	<b>Reason</b>	<b>Measure</b>	<b>Lead Organisation</b>	<b>Measure in place by</b>	
Blanket bogs	Burning. Over-grazing (including deer browsing).	There are no specific measures for the water dependent features of this Special Area of Conservation as there are no water related adverse activities causing this condition assessment.			
Dystrophic lake	No adverse activities recorded				

### 2.2 TEAL LOUGH

LMAs which this SAC partially covers: Owenkillew (One waterbody in this LMA is associated with this SAC.)

<b>Name of Protected Area</b>  TEAL LOUGH	<b>Protected Area Designation</b>  SAC	<b>Current overall conservation status of the site</b>	Favourable: Un-classified		
		<b>Number of waterbodies of less than good status related to this SAC</b>	None		
		<b>Date for achieving Good Status</b>	Already at Good Status		
<b>Overall objective for Protected Area:</b>	Favourable Conservation Status (To protect and where necessary, improve the water or water dependent environment to the extent necessary to achieve favourable conservation status for all the water dependent features for which the protected area is designated.)				
<b>Water dependent habitats/species for designation:</b>	Blanket Bogs				
<b>Reason for site not meeting objective</b>		<b>Measures proposed achieve favourable condition or prevent deterioration</b>			
<b>Feature</b>	<b>Reason</b>	<b>Measure</b>	<b>Lead Organisation</b>	<b>Measure in place by</b>	
Blanket bogs	Not applicable:				

	Feature in favourable condition	
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### 2.3 CARN - GLENSHANE

LMAs which this SAC partially covers: Roe (Three waterbodies in this LMA are associated with this SAC.)

<b>Name of Protected Area</b>  CARN - GLENSHANE	<b>Protected Area Designation</b>  SAC	<b>Current overall conservation status of the site</b>	Unfavourable: Un-classified		
		<b>Number of waterbodies of less than good status related to this SAC</b>	None		
		<b>Date for achieving Good Status</b>	Already at Good Status		
<b>Overall objective for Protected Area:</b>	Favourable Conservation Status (To protect and where necessary, improve the water or water dependent environment to the extent necessary to achieve favourable conservation status for all the water dependent features for which the protected area is designated.)				
<b>Water dependent habitats/species for designation:</b>	Blanket bogs				
<b>Reason for site not meeting objective</b>		<b>Measures proposed achieve favourable condition or prevent deterioration</b>			
<b>Feature</b>	<b>Reason</b>	<b>Measure</b>	<b>Lead Organisation</b>	<b>Measure in place by</b>	
Blanket bogs	Water management (including drainage, dredging or alterations to the water table. Could be too much water or too little).  Over-grazing (including deer browsing).	There are currently 2 MOSS agreements for the site.  9 NI Countryside Management Scheme referrals were received from DARD.	NIEA, DARD	Ongoing	

### 2.4 RIVER FOYLE AND TRIBUTARIES

LMAs which this SAC partially covers: Burn Dennet & Foyle, Derg & Mourne and Owenkillew. (Twenty one waterbodies in these LMAs are associated with this SAC.)

<b>Name of Protected Area</b>  RIVER FOYLE AND TRIBUTARIES	<b>Protected Area Designation</b>	<b>Current overall conservation status of the site</b>	Not assessed		
		<b>Number of waterbodies of less than good status related to this SAC</b>	17		
		<b>Date for achieving Good Status</b>	Beyond 2027		
<b>Overall objective for Protected Area:</b>	Favourable Conservation Status (To protect and where necessary, improve the water or water dependent environment to the extent necessary to achieve favourable conservation status for all the water dependent features for which the protected area is designated.)				
<b>Water dependent habitats/species for designation:</b>	Otters, Salmon, Water course Ranunculion fluitantis and Callitricho-Batrachion vegetation				
<b>Reason for site not meeting objective</b>		<b>Measures proposed achieve favourable condition or prevent deterioration</b>			

Feature	Reason	Measure	Lead Organisation	Measure in place by
Otters	Not applicable: Feature in favourable condition			
Salmon	Not applicable: Feature has not been condition assessed			
Water course Ranunculion fluitantis and Callitricho-Batrachion vegetation				

## 2.5 MAGILLIGAN

LMA which this SAC partially covers: Burndennet & Foyle. (One waterbody in this LMA is associated with this SAC.)

Name of Protected Area  MAGILLIGAN	Protected Area Designation  SAC	Current overall conservation status of the site	Unfavourable: Un-classified	
		Number of waterbodies of less than good status related to this SAC	1	
		Date for achieving Good Status	2021	
Overall objective for Protected Area:	Favourable Conservation Status (To protect and where necessary, improve the water or water dependent environment to the extent necessary to achieve favourable conservation status for all the water dependent features for which the protected area is designated.)			
Water dependent habitats/species for designation:	Fixed dunes with herbaceous vegetation ("grey dunes"), Humid dune slacks, Euphydryas (Eurodryas, Hypodryas) aurinia, Petalophyllum ralfsii			
Reason for site not meeting objective		Measures proposed achieve favourable condition or prevent deterioration		
Feature	Reason	Measure	Lead Organisation	Measure in place by
Fixed dunes with herbaceous vegetation ("grey dunes"), Humid dune slacks Euphydryas (Eurodryas, Hypodryas) aurinia	Under-grazing	There are no specific measures for this Special Area of Conservation as there are no water related adverse activities causing this condition assessment.		
Petalophyllum ralfsii				
	Water management (including drainage, dredging or alterations to the water table. Could be too much water or too little).  Under-grazing.	Investigation ongoing - hydrological monitoring	NIEA	Ongoing

## 2.6 OWENKILLEW RIVER

LMA which this SAC partially covers: Owenkillew. (Twelve waterbodies in this LMA are associated with this SAC.)

Name of Protected	Protected Area	Current overall	Unfavourable: Un-classified
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<b>Area</b>  OWENKILLEW RIVER	<b>Designation</b>  SAC	<b>conservation status of the site</b>		
		<b>Number of waterbodies of less than good status related to this SAC</b>	9	
		<b>Date for achieving Good Status</b>	Beyond 2027	
<b>Overall objective for Protected Area:</b>	Favourable Conservation Status (To protect and where necessary, improve the water or water dependent environment to the extent necessary to achieve favourable conservation status for all the water dependent features for which the protected area is designated.)			
<b>Water dependent habitats/species for designation:</b>	Bog woodland, Otters, Freshwater Pearl Mussel, Water course Ranunculus fluitans and Callitriche-Batrachion vegetation, Salmon			
<b>Reason for site not meeting objective</b>		<b>Measures proposed achieve favourable condition or prevent deterioration</b>		
<b>Feature</b>	<b>Reason</b>	<b>Measure</b>	<b>Lead Organisation</b>	<b>Measure in place by</b>
Bog woodland	Over-grazing (including deer browsing)	There are no specific measures for this feature of this Special Area of Conservation as there are no water related adverse activities causing this condition assessment.		
Freshwater Pearl Mussel	Water management (including drainage, dredging or alterations to the water table. Could be too much water or too little).  Water quality (including silt, water pollution (direct or diffuse), runoff, nutrient enrichment, eutrophication etc).	5 NICMS referrals from DARD. They have all included Riparian zone management (RBAN) including fencing. Riparian zones are important for acting as buffer zones, reducing polluting incidents, soil erosion and river siltation.	NIEA, DARD	Ongoing
		Ongoing research project Ballinderry Fish Hatchery.	Ballinderry Fish Hatchery	Ongoing
	Game or fisheries management (e.g. introduction of stock at too high a level, over-zealous cutting of river banks, bait digging).	Development of action plans for designated freshwater pearl mussel Special Areas of Conservation.	NIEA	2012
Otters	Not applicable: Features in favourable condition			
Water course				
Ranunculus fluitans and Callitriche-Batrachion vegetation				
Salmon				

## 2.7 MONEYGAL BOG

LMA which this SAC partially covers: Derg & Mourne. (One waterbody in this LMA is associated with this SAC.)

<b>Name of Protected</b>	<b>Protected Area</b>	<b>Current overall</b>	Unfavourable: Recovering
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<b>Area</b> MONEYGAL BOG	<b>Designation</b> SAC	<b>conservation status of the site</b>		
		<b>Number of waterbodies of less than good status related to this SAC</b>	1	
		<b>Date for achieving Good Status</b>	2021	
<b>Overall objective for Protected Area:</b>	Favourable Conservation Status (To protect and where necessary, improve the water or water dependent environment to the extent necessary to achieve favourable conservation status for all the water dependent features for which the protected area is designated.)			
<b>Water dependent habitats/species for designation:</b>	Active raised bogs			
<b>Reason for site not meeting objective</b>		<b>Measures proposed achieve favourable condition or prevent deterioration</b>		
<b>Feature</b>	<b>Reason</b>	<b>Measure</b>	<b>Lead Organisation</b>	<b>Measure in place by</b>
Active raised bogs	Other - Past peat cutting	There are no specific measures for this feature of this Special Area of Conservation as there are no water related adverse activities causing this condition assessment.		

## 2.8 BLACK BOG

LMA which this SAC partially covers: Owenkilw. (One waterbody in this LMA is associated with this SAC.)

<b>Name of Protected Area</b> BLACK BOG	<b>Protected Area Designation</b> SAC	<b>Current overall conservation status of the site</b>	Unfavourable: Recovering	
		<b>Number of waterbodies of less than good status related to this SAC</b>	None	
		<b>Date for achieving Good Status</b>	Already at Good Status	
<b>Overall objective for Protected Area:</b>	Favourable Conservation Status (To protect and where necessary, improve the water or water dependent environment to the extent necessary to achieve favourable conservation status for all the water dependent features for which the protected area is designated.)			
<b>Water dependent habitats/species for designation:</b>	Active raised bogs			
<b>Reason for site not meeting objective</b>		<b>Measures proposed achieve favourable condition or prevent deterioration</b>		
<b>Feature</b>	<b>Reason</b>	<b>Measure</b>	<b>Lead Organisation</b>	<b>Measure in place by</b>
Active raised bogs	Water management (including drainage, dredging or alterations to the water table. Could be too much water or too little)	None the feature is in unfavourable recovering condition		

## 2.9 FAIRY WATER BOGS

LMA which this SAC partially covers: Strule (Three waterbodies in this LMA are associated with this SAC.)

<b>Name of Protected</b>	<b>Protected Area</b>	<b>Current overall</b>	Unfavourable: Un-classified	
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<b>Area</b>  FAIRY WATER BOGS	<b>Designation</b>  SAC	<b>conservation status of the site</b>			
		<b>Number of waterbodies of less than good status related to this SAC</b>	2		
		<b>Date for achieving Good Status</b>	2021		
<b>Overall objective for Protected Area:</b>	Favourable Conservation Status (To protect and where necessary, improve the water or water dependent environment to the extent necessary to achieve favourable conservation status for all the water dependent features for which the protected area is designated.)				
<b>Water dependent habitats/species for designation:</b>	Active raised bogs				
<b>Reason for site not meeting objective</b>		<b>Measures proposed achieve favourable condition or prevent deterioration</b>			
<b>Feature</b>	<b>Reason</b>	<b>Measure</b>	<b>Lead Organisation</b>	<b>Measure in place by</b>	
Active raised bogs	Burning.  Water management (including drainage, dredging or alterations to the water table. Could be too much water or too little).	Investigation ongoing	NIEA	Ongoing	

## 2.10 PETTIGOE PLATEAU

LMA which this SAC partially covers: Lower Lough Erne (Four waterbodies in this LMA are associated with this SAC).

<b>Name of Protected Area</b>  PETTIGOE PLATEAU	<b>Protected Area Designation</b>  SAC	<b>Current overall conservation status of the site</b>	Favourable: Un-classified		
		<b>Number of waterbodies of less than good status related to this SAC</b>	3		
		<b>Date for achieving Good Status</b>	Beyond 2027		
<b>Overall objective for Protected Area:</b>	Favourable Conservation Status (To protect and where necessary, improve the water or water dependent environment to the extent necessary to achieve favourable conservation status for all the water dependent features for which the protected area is designated.)				
<b>Water dependent habitats/species for designation:</b>	Blanket bogs, Natural dystrophic lakes and ponds, Northern Atlantic wet heaths with Erica tetralix, Oligotrophic lakes				
<b>Reason for site not meeting objective</b>		<b>Measures proposed achieve favourable condition or prevent deterioration</b>			
<b>Feature</b>	<b>Reason</b>	<b>Measure</b>	<b>Lead Organisation</b>	<b>Measure in place by</b>	
Blanket bogs	Over-grazing (including deer browsing)	Investigation ongoing			
Northern Atlantic wet heaths with Erica tetralix	Over-grazing (including deer browsing)	There are no specific measures for this Special Area of Conservation as there are no water related adverse activities causing this condition assessment.			

Natural dystrophic lakes and ponds	Not applicable: Feature in favourable condition			
Oligotrophic lakes				

## 2.11 CLADAGH (SWANLINBAR) RIVER

LMA which this SAC partially covers: Upper Lough Erne (Five waterbodies in this LMA are associated with this SAC.)

<b>Name of Protected Area</b>  CLADAGH (SWANLINBAR) RIVER	<b>Protected Area Designation</b>  SAC	<b>Current overall conservation status of the site</b>	Unfavourable: Un-classified	
		<b>Number of waterbodies of less than good status related to this SAC</b>	3	
		<b>Date for achieving Good Status</b>	Beyond 2027	
<b>Overall objective for Protected Area:</b>	Favourable Conservation Status (To protect and where necessary, improve the water or water dependent environment to the extent necessary to achieve favourable conservation status for all the water dependent features for which the protected area is designated.)			
<b>Water dependent habitats/species for designation:</b>	Freshwater Pearl Mussel, Water courses of plain to montane levels with the Ranunculus fluitans and Callitriche-Batrachion vegetation			
<b>Reason for site not meeting objective</b>		<b>Measures proposed achieve favourable condition or prevent deterioration</b>		
<b>Feature</b>	<b>Reason</b>	<b>Measure</b>	<b>Lead Organisation</b>	<b>Measure in place by</b>
Freshwater Pearl Mussel	Water management (including drainage, dredging or alterations to the water table. Could be too much water or too little)	6 NICMS referrals were received from DARD with enhancement option for riparian zones including fencing to protect the river bank.	NIEA DARD	Ongoing
		Ongoing research project Ballinderry	Ballinderry Fish Hatchery	Ongoing
	Water quality (including silt, water pollution (direct or diffuse), run-off, nutrient enrichment, eutrophication etc)	Development of action plans for designated freshwater pearl mussel Special Areas of Conservation.	NIEA	2012
Water courses of plain to montane levels with the Ranunculus fluitans and Callitriche-Batrachion vegetation	Not applicable: Feature in favourable condition			

## 2.12 CRANNY BOGS

LMA which this SAC partially covers: Strule (Three waterbodies in this LMA are associated with this SAC).

<b>Name of Protected Area</b>	<b>Protected Area Designation</b>	<b>Current overall conservation status of</b>	Unfavourable: Un-classified
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CRANNY BOGS	SAC	the site		
		Number of waterbodies of less than good status related to this SAC		2
		Date for achieving Good Status		2015
<b>Overall objective for Protected Area:</b>	Favourable Conservation Status (To protect and where necessary, improve the water or water dependent environment to the extent necessary to achieve favourable conservation status for all the water dependent features for which the protected area is designated.)			
<b>Water dependent habitats/species for designation:</b>	Active raised bogs			
<b>Reason for site not meeting objective</b>		<b>Measures proposed achieve favourable condition or prevent deterioration</b>		
<b>Feature</b>	<b>Reason</b>	<b>Measure</b>	<b>Lead Organisation</b>	<b>Measure in place by</b>
Active raised bogs	Water management (including drainage, dredging or alterations to the water table. Could be too much water or too little)	Investigation ongoing	NIEA	Ongoing

### 2.13 CUILCAGH MOUNTAIN

LMAs which this SAC partially covers: Upper Lough Erne and Lough Melvin and Arney (Five waterbodies in these LMAs are associated with this SAC).

Name of Protected Area	Protected Area Designation	Current overall conservation status of the site		
		Number of waterbodies of less than good status related to this SAC		Unfavourable: Un-classified
		Date for achieving Good Status		4
Date for achieving Good Status		Beyond 2027		
<b>Overall objective for Protected Area:</b>	Favourable Conservation Status (To protect and where necessary, improve the water or water dependent environment to the extent necessary to achieve favourable conservation status for all the water dependent features for which the protected area is designated.)			
<b>Water dependent habitats/species for designation:</b>	Blanket bogs, Natural dystrophic lakes and ponds, Northern Atlantic wet heaths with Erica tetralix			
<b>Reason for site not meeting objective</b>		<b>Measures proposed achieve favourable condition or prevent deterioration</b>		
<b>Feature</b>	<b>Reason</b>	<b>Measure</b>	<b>Lead Organisation</b>	<b>Measure in place by</b>
Blanket bogs	No water related adverse activity identified	There are no specific measures for this Special Area of Conservation as there are no water related adverse activities causing this condition assessment.		
Natural dystrophic lakes and ponds	Not applicable: Feature in favourable condition			
Northern Atlantic wet heaths with Erica tetralix	No water related adverse activity identified	There are no specific measures for this Special Area of Conservation as there are no water related adverse activities causing this condition assessment.		

## 2.14 DERORAN BOG

LMA which this SAC partially covers: Strule (Three waterbodies in this LMA are associated with this SAC).

<b>Name of Protected Area</b>  DERORAN BOG	<b>Protected Area Designation</b>  SAC	<b>Current overall conservation status of the site</b>	Unfavourable: Recovering		
		<b>Number of waterbodies of less than good status related to this SAC</b>	1		
		<b>Date for achieving Good Status</b>	2021		
<b>Overall objective for Protected Area:</b>	Favourable Conservation Status (To protect and where necessary, improve the water or water dependent environment to the extent necessary to achieve favourable conservation status for all the water dependent features for which the protected area is designated.)				
<b>Water dependent habitats/species for designation:</b>	Active raised bogs				
<b>Reason for site not meeting objective</b>		<b>Measures proposed achieve favourable condition or prevent deterioration</b>			
<b>Feature</b>	<b>Reason</b>	<b>Measure</b>	<b>Lead Organisation</b>	<b>Measure in place by</b>	
Active raised bogs	Other (threats which do not fit within the schema)  Water management (including drainage, dredging or alterations to the water table. Could be too much water or too little)	Investigation ongoing	NIEA	Ongoing	

## 2.15 FARDRUM & ROOSKY TURLOUGHES

LMA which this SAC partially covers: Lower Lough Erne (One waterbody in this LMA is associated with this SAC).

<b>Name of Protected Area</b>	<b>Protected Area Designation</b>  SAC	<b>Current overall conservation status of the site</b>	Unfavourable: Un-classified		
		<b>Number of waterbodies of less than good status related to this SAC</b>	None		
		<b>Date for achieving Good Status</b>	Already at Good Status		
<b>Overall objective for Protected Area:</b>	Favourable Conservation Status (To protect and where necessary, improve the water or water dependent environment to the extent necessary to achieve favourable conservation status for all the water dependent features for which the protected area is designated.)				
<b>Water dependent habitats/species for designation:</b>	Turloughs				
<b>Reason for site not meeting objective</b>		<b>Measures proposed achieve favourable condition or prevent deterioration</b>			
<b>Feature</b>	<b>Reason</b>	<b>Measure</b>	<b>Lead Organisation</b>	<b>Measure in place by</b>	
Turloughs	Under-grazing	There are 2 MOSS	NIEA	Ongoing	

	Over-grazing (including deer browsing)  Water management (including drainage, dredging or alterations to the water table. Could be too much water or too little)	agreements in place for the 3 landowners. These MOSS agreements have grazing regimes.  Ongoing research.		
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## 2.16 FAUGHAN RIVER AND TRIBUTARIES

LMA which this SAC partially covers: Faughan (Ten waterbodies in this LMA are associated with this SAC).

<b>Name of Protected Area</b>  FAUGHAN RIVER AND TRIBUTARIES	<b>Protected Area Designation</b>  SAC	<b>Current overall conservation status of the site</b>	Not assessed	
		<b>Number of waterbodies of less than good status related to this SAC</b>	6	
		<b>Date for achieving Good Status</b>	2021	
<b>Overall objective for Protected Area:</b>	Favourable Conservation Status (To protect and where necessary, improve the water or water dependent environment to the extent necessary to achieve favourable conservation status for all the water dependent features for which the protected area is designated.)			
<b>Water dependent habitats/species for designation:</b>	Otters, Salmon			
<b>Reason for site not meeting objective</b>		<b>Measures proposed achieve favourable condition or prevent deterioration</b>		
<b>Feature</b>	<b>Reason</b>	<b>Measure</b>	<b>Lead Organisation</b>	<b>Measure in place by</b>
Otters	Not applicable: Feature not assessed			
Salmon	Not applicable: Feature not assessed			

## 2.17 LOUGH MELVIN

LMA which this SAC partially covers: Lough Melvin and Arney (Five waterbodies in this LMA are associated with this SAC).

<b>Name of Protected Area</b>  LOUGH MELVIN	<b>Protected Area Designation</b>  SAC	<b>Current overall conservation status of the site</b>	Unfavourable: Un-classified	
		<b>Number of waterbodies of less than good status related to this SAC</b>	1	
		<b>Date for achieving Good Status</b>	2015	
<b>Overall objective for Protected Area:</b>	Favourable Conservation Status (To protect and where necessary, improve the water or water dependent environment to the extent necessary to achieve favourable conservation status for all the water dependent features for which the protected area is designated.)			
<b>Water dependent habitats/species for designation:</b>	Mesotrophic lough, Molinia meadows on calcareous, peaty or clayey-silt-laden soils (Molinion caeruleae), Salmon			

Reason for site not meeting objective		Measures proposed achieve favourable condition or prevent deterioration		
Feature	Reason	Measure	Lead Organisation	Measure in place by
Mesotrophic lough	Water quality (including silt, water pollution (direct or diffuse), run-off, nutrient enrichment, eutrophication etc	River Basin Management Plan Programme of Measures	NIEA	Planned
Molinia meadows on calcareous, peaty or clayey-silt-laden soils (Molinion caeruleae)	No water related adverse activity identified			
Salmon	Not applicable: Feature in favourable condition			

## 2.18 MAGHERAVEELY MARL LOUGHS

LMA which this SAC partially covers: Upper Lough Erne (Three waterbodies in this LMA are associated with this SAC).

Name of Protected Area  MAGHERAVEELY MARL LOUGHS	Protected Area Designation  SAC	Current overall conservation status of the site	Unfavourable: Un-classified	
		Number of waterbodies of less than good status related to this SAC	3	
		Date for achieving Good Status	2021	
Overall objective for Protected Area:	Favourable Conservation Status (To protect and where necessary, improve the water or water dependent environment to the extent necessary to achieve favourable conservation status for all the water dependent features for which the protected area is designated.)			
Water dependent habitats/species for designation:	Calcareous fens with Cladium mariscus and species of the Caricion davallianae, White-clawed Crayfish, Marl lakes and Alkaline fens			
Reason for site not meeting objective		Measures proposed achieve favourable condition or prevent deterioration		
Feature	Reason	Measure	Lead Organisation	Measure in place by
Calcareous fens with Cladium mariscus and species of the Caricion davallianae	Under-grazing	There are no specific measures for this Special Area of Conservation as there are no water related adverse activities causing this condition assessment.		
White-clawed Crayfish	Water quality (including silt, water pollution (direct or diffuse), run-off, nutrient enrichment, eutrophication etc)	Investigation of groundwater inputs.	NIEA	Ongoing
Marl lakes	Water quality (including silt, water pollution (direct or diffuse), run-off, nutrient enrichment, eutrophication etc)	Investigation to determine natural water levels at Kilrooskey Lough. Further research required.	National Parks and Wildlife Service	Ongoing
Alkaline fens	Under-grazing	There are no specific measures for this Special Area of Conservation as there are no water related adverse		

		activities causing this condition assessment.
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## 2.19 MONINEA BOG

LMA which this SAC partially covers: Upper Lough Erne (Two waterbodies in this LMA are associated with this SAC).

<b>Name of Protected Area</b>  MONINEA BOG	<b>Protected Area Designation</b>  SAC	<b>Current overall conservation status of the site</b>	Unfavourable: Recovering		
		<b>Number of waterbodies of less than good status related to this SAC</b>	1		
		<b>Date for achieving Good Status</b>	2021		
<b>Overall objective for Protected Area:</b>	Favourable Conservation Status (To protect and where necessary, improve the water or water dependent environment to the extent necessary to achieve favourable conservation status for all the water dependent features for which the protected area is designated.)				
<b>Water dependent habitats/species for designation:</b>	Active raised bogs				
<b>Reason for site not meeting objective</b>		<b>Measures proposed achieve favourable condition or prevent deterioration</b>			
<b>Feature</b>	<b>Reason</b>	<b>Measure</b>	<b>Lead Organisation</b>	<b>Measure in place by</b>	
Active raised bogs	Over-grazing (including deer browsing)  Water management (including drainage, dredging or alterations to the water table. Could be too much water or too little)	Investigation ongoing	NIEA	Ongoing	

## 2.20 RIVER ROE & TRIBUTARIES

LMA which this SAC partially covers: Roe (Fourteen waterbodies in this LMA are associated with this SAC).

<b>Name of Protected Area</b>  MONAWILKIN	<b>Protected Area Designation</b>  SAC	<b>Current overall conservation status of the site</b>	Not assessed		
		<b>Number of waterbodies of less than good status related to this SAC</b>	7		
		<b>Date for achieving Good Status</b>	2027		
<b>Overall objective for Protected Area:</b>	Favourable Conservation Status (To protect and where necessary, improve the water or water dependent environment to the extent necessary to achieve favourable conservation status for all the water dependent features for which the protected area is designated.)				
<b>Water dependent habitats/species for designation:</b>	Otters, Salmon, Water courses of plain to montane levels with the Ranunculus fluitans and Callitricho-Batrachion vegetation				
<b>Reason for site not meeting objective</b>		<b>Measures proposed achieve favourable condition or prevent deterioration</b>			
<b>Feature</b>	<b>Reason</b>	<b>Measure</b>	<b>Lead</b>	<b>Measure</b>	

			<b>Organisation</b>	<b>in place by</b>
Otters	Not assessed			
Salmon	Not assessed			
Water courses of plain to montane levels with the Ranunculus fluitans and Callitricho-Batrachion vegetation	No adverse activities recorded	None the feature is in unfavourable recovering condition		

## 2.21 TONNAGH BEG BOG

LMA which this SAC partially covers: Strule (Three waterbodies in this LMA are associated with this SAC).

<b>Name of Protected Area</b>	<b>Protected Area Designation</b>	<b>Current overall conservation status of the site</b>	Unfavourable: Recovering	
TONNAGH BEG BOG	SAC	<b>Number of waterbodies of less than good status related to this SAC</b>	1	
		<b>Date for achieving Good Status</b>	2015	
		<b>Overall objective for Protected Area:</b> Favourable Conservation Status (To protect and where necessary, improve the water or water dependent environment to the extent necessary to achieve favourable conservation status for all the water dependent features for which the protected area is designated.)		
<b>Water dependent habitats/species for designation:</b>	Active raised bogs			
<b>Reason for site not meeting objective</b>		<b>Measures proposed achieve favourable condition or prevent deterioration</b>		
<b>Feature</b>	<b>Reason</b>	<b>Measure</b>	<b>Lead Organisation</b>	<b>Measure in place by</b>
Active raised bogs	No adverse activities recorded	None the feature is in unfavourable recovering condition		

## 2.22 TULLY BOG

LMA which this SAC partially covers: Strule (One waterbody in this LMA is associated with this SAC).

<b>Name of Protected Area</b>	<b>Protected Area Designation</b>	<b>Current overall conservation status of the site</b>	Unfavourable: Un-classified	
TULLY BOG	SAC	<b>Number of waterbodies of less than good status related to this SAC</b>	1	
		<b>Date for achieving Good Status</b>	2015	
		<b>Overall objective for Protected Area:</b> Favourable Conservation Status (To protect and where necessary, improve the water or water dependent environment to the extent necessary to achieve favourable conservation status for all the water dependent features for which the protected area is designated.)		
<b>Water dependent habitats/species for designation:</b>	Active raised bogs			

Reason for site not meeting objective		Measures proposed achieve favourable condition or prevent deterioration		
Feature	Reason	Measure	Lead Organisation	Measure in place by
Active raised bogs	Invasive species (including bracken or scrub)	Investigation ongoing	NIEA	Ongoing

## 2.23 UPPER LOUGH ERNE

LMAs which this SAC partially covers: Lough Melvin and Arney and Upper Lough Erne (Fourteen waterbodies in these LMAs are associated with this SAC).

Name of Protected Area	Protected Area Designation	Current overall conservation status of the site	Unfavourable: Un-classified	
UPPER LOUGH ERNE	SAC	Number of waterbodies of less than good status related to this SAC	13	
		Date for achieving Good Status	2021	
		Overall objective for Protected Area:	Favourable Conservation Status (To protect and where necessary, improve the water or water dependent environment to the extent necessary to achieve favourable conservation status for all the water dependent features for which the protected area is designated.)	
Water dependent habitats/species for designation:	Alluvial forests with <i>Alnus glutinosa</i> and <i>Fraxinus excelsior</i> ( <i>Alno-Padion</i> , <i>Alnion incanae</i> , <i>Salicion albae</i> ), Otters, Eutrophic standing waters			
Reason for site not meeting objective		Measures proposed achieve favourable condition or prevent deterioration		
Feature	Reason	Measure	Lead Organisation	Measure in place by
Alluvial forests with <i>Alnus glutinosa</i> and <i>Fraxinus excelsior</i> ( <i>Alno-Padion</i> , <i>Alnion incanae</i> , <i>Salicion albae</i> )	Over-grazing (including deer browsing) Invasive species (including bracken or scrub)	There are no specific measures for this Special Area of Conservation as there are no water related adverse activities causing this condition assessment.		
Otters	Not applicable: Feature in favourable condition			
Eutrophic standing waters	Invasive species (including bracken or scrub)	There are no specific measures for this Special Area of Conservation as there are no water related adverse activities causing this condition assessment.		

## 2.24 WEST FERMANAGH SCARPLANDS

LMAs which this SAC partially covers: Lough Melvin and Arney (Six waterbodies in this LMA are associated with this SAC).

Name of Protected Area	Protected Area Designation	Current overall conservation status of the site	Unfavourable: Un-classified	
WEST FERMANAGH SCARPLANDS	SAC	Number of waterbodies of less than good status related to this SAC	4	
		Date for achieving Good Status	2021	
		Overall objective	Favourable Conservation Status (To protect and where necessary, improve the	

<b>for Protected Area:</b>	water or water dependent environment to the extent necessary to achieve favourable conservation status for all the water dependent features for which the protected area is designated.)			
<b>Water dependent habitats/species for designation:</b>	Alluvial forests with <i>Alnus glutinosa</i> and <i>Fraxinus excelsior</i> (Alno-Padion, Alnion incanae, Salicion albae), Otters, Eutrophic standing waters			
<b>Reason for site not meeting objective</b>		<b>Measures proposed achieve favourable condition or prevent deterioration</b>		
<b>Feature</b>	<b>Reason</b>	<b>Measure</b>	<b>Lead Organisation</b>	<b>Measure in place by</b>
Blanket bogs	Over-grazing (including deer browsing)	There are no specific measures for this Special Area of Conservation as there are no water related adverse activities causing this condition assessment.		
Petrifying springs with tufa formation (Cratoneurion)	Not applicable: Feature in favourable condition			
Alkaline fens	Not applicable: Feature in favourable condition			
Molinia meadows on calcareous, peaty or clayey-silt-laden soils (Molinion caeruleae)	Agricultural operations (e.g. ploughing, fertiliser, pesticides)	There are no specific measures for this Special Area of Conservation as there are no water related adverse activities causing this condition assessment.		
Eutrophic standing waters	Not applicable: Feature in favourable condition			
Northern Atlantic wet heaths with <i>Erica tetralix</i>	Over-grazing (including deer browsing)  Burning	There are no specific measures for this Special Area of Conservation as there are no water related adverse activities causing this condition assessment.		

### 3 Special Protection Areas in the North Western IRBD

#### 3.1 LOUGH FOYLE SPA

LMAs which this SPA partially covers: Roe and Faughan (Eight waterbodies in these LMAs are associated with this SPA).

<b>Name of Protected Area</b>	<b>Protected Area Designation</b>	<b>Current overall conservation status of the site</b>	Unfavourable: Un-classified	
LOUGH FOYLE	SPA	<b>Number of waterbodies of less than good status related to this SAC</b>	7	
		<b>Date for achieving Good Status</b>	2021	
<b>Overall objective for Protected Area:</b>	Favourable Conservation Status (To protect and where necessary, improve the water or water dependent environment to the extent necessary to achieve favourable conservation status for all the water dependent features for which the protected area is designated.)			
<b>Water dependent habitats/species for designation:</b>	Bar-tailed Godwit, Bewick's Swan, Golden Plover, Light-bellied Brent Goose Waterbird assemblage.			
<b>Reason for site not meeting objective</b>		<b>Measures proposed achieve favourable condition or prevent deterioration</b>		
<b>Feature</b>	<b>Reason</b>	<b>Measure</b>	<b>Lead Organisation</b>	<b>Measure in place by</b>
Bar-tailed Godwit	Favourable: Un-classified	Not applicable: Feature in favourable condition		

Bewick's Swan	Unfavourable: Un-classified	Unfavourable SPAs require investigation to identify external and internal factors. The issues are unclear; may be changes in migratory patterns, disturbance to high tide roost sites, water quality and/or ecological factors.
Golden Plover	Favourable: Un-classified	Not applicable: Feature in favourable condition
Light-bellied Brent Goose	Favourable: Un-classified	Not applicable: Feature in favourable condition
Waterbird assemblage	Favourable: Un-classified	Not applicable: Feature in favourable condition

### 3.2 PETTIGOE PLATEAU SPA

LMA which this SPA partially covers: Lower Lough Erne (Four waterbodies in this LMA are associated with this SPA).

<b>Name of Protected Area</b>  PETTIGOE PLATEAU	<b>Protected Area Designation</b>  SPA	<b>Current overall conservation status of the site</b>	Unfavourable: Un-classified		
		<b>Number of waterbodies of less than good status related to this SAC</b>	3		
		<b>Date for achieving Good Status</b>	2027		
<b>Overall objective for Protected Area:</b>	Favourable Conservation Status (To protect and where necessary, improve the water or water dependent environment to the extent necessary to achieve favourable conservation status for all the water dependent features for which the protected area is designated.)				
<b>Water dependent habitats/species for designation:</b>	Golden Plover				
<b>Reason for site not meeting objective</b>		<b>Measures proposed achieve favourable condition or prevent deterioration</b>			
<b>Feature</b>	<b>Reason</b>	<b>Measure</b>	<b>Lead Organisation</b>	<b>Measure in place by</b>	
Golden Plover	Unfavourable: Un-classified	Unfavourable SPAs require investigation to identify external and internal factors. The issues are unclear; may be changes in migratory patterns, disturbance to high tide roost sites, water quality and/or ecological factors.			

### 3.3 SLIEVE BEAGH-MULLAGHAFAD-LISNASKEA SPA

LMAs which this SPA partially covers: Upper Lough Erne (Nine waterbodies in this LMA are associated with this SPA).

<b>Name of Protected Area</b>  SLIEVE BEAGH-MULLAGHAFAD-LISNASKEA	<b>Protected Area Designation</b>  SPA	<b>Current overall conservation status of the site</b>	Not Assessed		
		<b>Number of waterbodies of less than good status related to this SAC</b>	6		
		<b>Date for achieving Good Status</b>	2021		
<b>Overall objective for Protected Area:</b>	Favourable Conservation Status (To protect and where necessary, improve the water or water dependent environment to the extent necessary to achieve favourable conservation status for all the water dependent features for which the protected area is designated.)				

<b>Water dependent habitats/species for designation:</b>	Hen Harrier			
<b>Reason for site not meeting objective</b>		<b>Measures proposed achieve favourable condition or prevent deterioration</b>		
<b>Feature</b>	<b>Reason</b>	<b>Measure</b>	<b>Lead Organisation</b>	<b>Measure in place by</b>
Hen Harrier	Not Assessed			

### 3.4 UPPER LOUGH ERNE SPA

LMAs which this SPA partially covers: Upper Lough Erne and Lough Melvin and Arney (Fifteen waterbodies in these LMAs are associated with this SPA).

<b>Name of Protected Area</b>  UPPER LOUGH ERNE	<b>Protected Area Designation</b>  SPA	<b>Current overall conservation status of the site</b>	Favourable: Un-classified	
		<b>Number of waterbodies of less than good status related to this SAC</b>	14	
		<b>Date for achieving Good Status</b>	2021	
<b>Overall objective for Protected Area:</b>	Favourable Conservation Status (To protect and where necessary, improve the water or water dependent environment to the extent necessary to achieve favourable conservation status for all the water dependent features for which the protected area is designated.)			
<b>Water dependent habitats/species for designation:</b>	Whooper Swan			
<b>Reason for site not meeting objective</b>		<b>Measures proposed achieve favourable condition or prevent deterioration</b>		
<b>Feature</b>	<b>Reason</b>	<b>Measure</b>	<b>Lead Organisation</b>	<b>Measure in place by</b>
Whooper Swan	Favourable: Un-classified	Not applicable: Feature in favourable condition		

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