

Site name: Lough Forbes Complex SAC 1818
County: Longford/Roscommon

Site Specific Conservation Objective (SSCO) Ecological Attributes

Active raised bogs [7110]

- 1 Habitat Area
- 2 Habitat Distribution
- 3 High Bog Area
- 4.1 Hydrological regime: water levels
- 4.2 Hydrological regime: flow patterns
- 5 Transitional areas between high bog and adjacent mineral soils (including cutover areas)
- 6.1 Vegetation quality: central ecotope, active flush, soaks, bog woodland
- 6.2 Vegetation quality: microtopographical features
- 6.3 Vegetation quality: bog moss (Sphagnum) species
- 7.1 Typical ARB species: flora
- 7.2 Typical ARB species: fauna
- 8 Elements of local distinctiveness
- 9 Negative physical indicators
- 10.1 Vegetation composition: native negative indicator species
- 10.2 Vegetation composition: nonnative invasive species
- 11 Air quality: nitrogen deposition
- 12 Water quality

7120 The long-term aim for Degraded raised bogs still capable of natural regeneration is that its peat-forming capability is re-established; therefore, the conservation objective for this habitat is inherently linked to that of Active raised bogs (7110) and a separate conservation objective has not been set in Lough Forbes Complex SAC

7150 Depressions on peat substrates of the Rhynchosporion is an integral part of good quality.Active raised bogs (7110) and thus a separate conservation objective has not been set for the habitat in Lough Forbes Complex SAC

Natural eutrophic lakes with Magnopotamion or Hydrocharition type vegetation [3150]

- 1 Habitat Area
- 2 Habitat Distribution
- 3 Typical Species
- 4 Vegetation composition: characteristic zonatio
- 5 Vegetation distribution: maximum depth
- 6 Hydrological regime: water level fluctuations
- 7 Lake substratum quality
- 8.1 Water quality: transparency
- 8.2 Water quality: nutrients
- 8.3 Water quality: phytoplankton biomass
- 8.4 Water quality: phytoplankton composition
- 8.5 Water quality: attached algal biomass
- 8.6 Water quality: macrophyte status
- 9 Acidification status
- 10 Water colour
- 11 Dissolved organic carbon (DOC)
- 12 Turbidity
- 13 Fringing habitat : area

Alluvial forests with Alnus glutinosa and Fraxinus excelsior (Alno-Padion, Alnion incanae, Salicion albae) [91E0]

- 1 Habitat Area
- 2 Habitat Distribution
- 3 Woodland size
- 4.1 Woodland structure: cover and height
- 4.2 Woodland structure: community diversity and extent
- 4.3 Woodland structure: natural regeneration
- 4.4 Woodland structure: dead wood
- 4.5 Woodland structure: veteran trees
- 4.6 Woodland structure: indicators of local distinctiveness
- 5 Hydrological regime: flooding depth/height of water table
- 6.1 Vegetation composition: native tree cover
- 6.2 Vegetation composition: typical species
- 6.3 Vegetation composition: negative indicator species

Site name: Lough Forbes Complex SAC1818
Habitat/Species: Active raised bogs [7110]
(SSCO): To restore the favourable conservation condition of [7110] in SAC 001818

No.	Ecological Requirements (Attributes as per SSCO)	Pressure /Threat (EU Code 2025)	Pressure/ Threat Ranking	EU Conservation Measure Type (EU Code 2019-2024)	Measure Category	Conservation Measure	Delivery mechanism	Public Authority with statutory responsibility	Implementation timeframe	Integration with high level plans/policy:
1	1. Habitat area, 2. Habitat Distribution, 3. High Bog Area, 4.1 Hydrological regime - water levels, 4.2 Hydrological regime - flow patterns, 5. Transitional areas between high bog and adjacent mineral soils (including cutover areas), 6.1 Vegetation quality: central ecotype, active flush, soaks, bog woodland, 6.2 Vegetation quality: microtopographical features, 6.3 Vegetation quality: bog moss (Sphagnum) species, 7.1 Typical ARB species: flora, 7.2 Typical ARB species: fauna, 8. Elements of local distinctiveness 9. Negative physical indicators, 10.1 Vegetation composition: native negative indicator species, 10.2 Vegetation composition: nonnative invasive species, 11 Air Quality, 12 Water quality.	PL02 Drainage (mixed or unknown drivers)	Medium	MA13 Manage agricultural drainage and water abstraction (incl. the restoration of drained or hydrologically altered habitats).	Statutory	Consent required for new land drainage and irrigation works on lands used for agriculture.	European Communities (Environmental Impact Assessment) (Agriculture) Regulations 2011	Department of Agriculture, Food and the Marine (DAFM)	2011	All government plans and policy documents are cognisant of these protections
2	1. Habitat area, 2. Habitat Distribution, 3. High Bog Area, 4.1 Hydrological regime - water levels, 4.2 Hydrological regime - flow patterns, 5. Transitional areas between high bog and adjacent mineral soils (including cutover areas), 6.1	PL02 Drainage (mixed or unknown drivers)	Medium	MF08 Manage changes in hydrological and coastal systems and regimes for construction and development (incl. restoration of habitats).	Contractual	Construction of dams (658) as per the SAC Restoration Plan.	Lough Forbes Complex SAC Restoration Plan	Department of Housing, Local Government and Heritage (DHLGH)/National Parks and Wildlife Service (NPWS)	2022	National Raised Bog Special Areas of Conservation Management Plan 2017-2022
3	1. Habitat area, 2. Habitat Distribution, 3. High Bog Area, 4.1 Hydrological regime - water levels, 4.2 Hydrological regime - flow patterns, 5. Transitional areas between high bog and adjacent mineral soils (including cutover areas), 6.1	PL02 Drainage (mixed or unknown drivers)	Medium	MF08 Manage changes in hydrological and coastal systems and regimes for construction and development (incl. restoration of habitats).	Contractual	Blocking of drains (74km) as per the SAC Restoration Plan.	Lough Forbes Complex SAC Restoration Plan	Department of Housing, Local Government and Heritage (DHLGH)/National Parks and Wildlife Service (NPWS)	2022	National Raised Bog Special Areas of Conservation Management Plan 2017-2022
4	1. Habitat area, 2. Habitat Distribution, 3. High Bog Area, 4.1 Hydrological regime - water levels, 4.2 Hydrological regime - flow patterns, 5. Transitional areas between high bog and adjacent mineral soils (including cutover areas), 6.1	PL02 Drainage (mixed or unknown drivers)	Medium	MF08 Manage changes in hydrological and coastal systems and regimes for construction and development (incl. restoration of habitats).	Contractual	Construction of bunds (11km) as per the SAC Restoration Plan.	Lough Forbes Complex SAC Restoration Plan	Department of Housing, Local Government and Heritage (DHLGH)/National Parks and Wildlife Service (NPWS)	2022	National Raised Bog Special Areas of Conservation Management Plan 2017-2022
5	1. Habitat area, 2. Habitat Distribution, 3. High Bog Area, 4.1 Hydrological regime - water levels, 4.2 Hydrological regime - flow patterns, 5. Transitional areas between high bog and adjacent mineral soils (including cutover areas), 6.1	PL02 Drainage (mixed or unknown drivers)	Medium	MF08 Manage changes in hydrological and coastal systems and regimes for construction and development (incl. restoration of habitats).	Administrative	Production of a Drainage Management Plan for this SAC site.	Lough Forbes Complex SAC Restoration Plan	Department of Housing, Local Government and Heritage (DHLGH)/National Parks and Wildlife Service (NPWS)	2022	National Raised Bog Special Areas of Conservation Management Plan 2017-2022
6	1. Habitat area, 2. Habitat Distribution, 3. High Bog Area, 4.1 Hydrological regime - water levels, 4.2 Hydrological regime - flow patterns, 5. Transitional areas between high bog and adjacent mineral soils (including cutover areas), 6.1	PL02 Drainage (mixed or unknown drivers)	Medium	MF08 Manage changes in hydrological and coastal systems and regimes for construction and development (incl. restoration of habitats).	Statutory	Consent is required for works on, or alterations to the banks, bed or flow of a drain watercourse or waterbody, if not covered by other regulations.	European Union Habitats (Lough Forbes Complex, Special Area of Conservation 001818) Regulations, 2017	Department of Housing, Local Government and Heritage (DHLGH)/National Parks and Wildlife Service (NPWS)	1997	All government plans and policy documents are cognisant of these protections
7	1. Habitat area, 2. Habitat Distribution, 3. High Bog Area, 4.1 Hydrological regime - water levels, 4.2 Hydrological regime - flow patterns, 5. Transitional areas between high bog and adjacent mineral soils (including cutover areas), 6.1	PL02 Drainage (mixed or unknown drivers)	Medium	MF08 Manage changes in hydrological and coastal systems and regimes for construction and development (incl. restoration of habitats).	Statutory	Consent is required for digging, ploughing, harrowing or otherwise disturbing soil or substrate, if not covered by other regulations. [Consent is not required for these activities on established reseeded grassland or cultivated land provided it is greater than 50m from a river, stream, floodplain, wetland, lake, turlough or pond.]	European Union Habitats (Lough Forbes Complex, Special Area of Conservation 001818) Regulations, 2017	Department of Housing, Local Government and Heritage (DHLGH)/National Parks and Wildlife Service (NPWS)	1997	All government plans and policy documents are cognisant of these protections
8	1. Habitat area, 2. Habitat Distribution, 3. High Bog Area, 4.1 Hydrological regime - water levels, 4.2 Hydrological regime - flow patterns, 5. Transitional areas between high bog and adjacent mineral soils (including cutover areas), 6.1	PL02 Drainage (mixed or unknown drivers)	Medium	MA13 Manage agricultural drainage and water abstraction (incl. the restoration of drained or hydrologically altered habitats)	Administrative	Monitoring and reporting of relevant farm activity at the SAC. Direct inspections for DAFM Conditionality compliance or via other state Authorities (via Cross Reporting) to Integrated Controls Division in DAFM.	DAFM BISS Conditionality Farm inspections - NPWS Conservation Ranger Site monitoring, (Cross Compliance)	Department of Agriculture, Food and the Marine (DAFM)	2021	All government plans and policy documents are cognisant of these protections
9	1. Habitat area, 2. Habitat Distribution, 3. High Bog Area, 4.1 Hydrological regime - water levels, 4.2 Hydrological regime - flow patterns, 5. Transitional areas between high bog and adjacent mineral soils (including cutover areas), 6.1	PL02 Drainage (mixed or unknown drivers)	Medium	MF08 Manage changes in hydrological and coastal systems and regimes for construction and development (incl. restoration of habitats).	Contractual	Construction of weirs (96) as per the SAC Restoration Plan.	Lough Forbes Complex SAC Restoration Plan	Department of Housing, Local Government and Heritage (DHLGH)/National Parks and Wildlife Service (NPWS)	2022	National Raised Bog Special Areas of Conservation Management Plan 2017-2022
10	1. Habitat area, 2. Habitat Distribution, 3. High Bog Area, 4.1 Hydrological regime - water levels, 4.2 Hydrological regime - flow patterns, 5. Transitional areas between high bog and adjacent mineral soils (including cutover areas), 6.1	PL02 Drainage (mixed or unknown drivers)	N/A	MC01 Adapt/manage extraction of non-energy resources	Administrative/Contractual	The Voluntary Bog Purchase Scheme facilitates the state purchase of bog land/turbary rights. 2.806 acres of Freehold purchased in 1 transaction.	Voluntary Bog Purchase Scheme	Department of Housing, Local Government and Heritage (DHLGH)/National Parks and Wildlife Service (NPWS)	1999-2010	National Peatlands Strategy
11	1. Habitat area, 2. Habitat Distribution, 3. High Bog Area, 4.1 Hydrological regime - water levels, 4.2 Hydrological regime - flow patterns, 5. Transitional areas between high bog and adjacent mineral soils (including cutover areas), 6.1	All/Other Relevant Threats and Pressures	N/A	MK03 Restoring freshwater, wetlands and coastal habitats impacted by multi-purpose hydrological modifications.	Administrative/Contractual	The Cessation of Turf Cutting Compensation Scheme (CTCCS) incentivises the cessation of peat extraction activity within raised bog SAC's There is currently no peat extraction at this site.. 1 person availed of the scheme.	The Cessation of Turf Cutting Compensation Scheme	Department of Housing, Local Government and Heritage (DHLGH)/National Parks and Wildlife Service (NPWS)	2011	National Peatlands Strategy

Site name: Lough Forbes Complex SAC1818

Habitat/Species: Active raised bogs [7110]

(SSCO): To restore the favourable conservation condition of [7110] in SAC 001818

No.	Ecological Requirements (Attributes as per SSCO)	Pressure /Threat (EU Code 2025)	Pressure/ Threat Ranking	EU Conservation Measure Type (EU Code 2019-2024)	Measure Category	Conservation Measure	Delivery mechanism	Public Authority with statutory responsibility	Implementation timeframe	Integration with high level plans/policy:
12	1. Habitat area, 2. Habitat Distribution, 3. High Bog Area, 4.1 Hydrological regime - water levels, 4.2 Hydrological regime - flow patterns, 5. Transitional areas between high bog and adjacent mineral soils (including cutover areas), 6.1 Vegetation quality: central ecotype, active flush, soaks, bog woodland, 6.2 Vegetation quality: microtopographical features, 6.3 Vegetation quality: bog moss (Sphagnum) species, 7.1 Typical ARB species: flora, 7.2 Typical ARB species: fauna, 8. Elements of local distinctiveness 9. Negative physical indicators, 10.1 Vegetation composition: native negative indicator species, 10.2 Vegetation composition: nonnative invasive species, 11 Air Quality, 12 Water quality.	All/Other Relevant Threats and Pressures	N/A	MK03 Restoring freshwater, wetlands and coastal habitats impacted by multi-purpose hydrological modifications.	Administrative/Contractual	The Protected Raised Bog Restoration Incentive Scheme facilitates the restoration of lands within the SAC. 5 land purchases under this scheme within this site.	Protected Raised Bog Restoration Incentive Scheme	Department of Housing, Local Government and Heritage (DHLGH)/National Parks and Wildlife Service (NPWS)	2011	National Raised Bog Special Areas of Conservation Management Plan 2017-2022
13	1. Habitat area, 2. Habitat Distribution, 3. High Bog Area, 4.1 Hydrological regime - water levels, 4.2 Hydrological regime - flow patterns, 5. Transitional areas between high bog and adjacent mineral soils (including cutover areas), 6.1 Vegetation quality: central ecotype, active flush, soaks, bog woodland, 6.2 Vegetation quality: microtopographical features, 6.3 Vegetation quality: bog moss (Sphagnum) species, 7.1 Typical ARB species: flora, 7.2 Typical ARB species: fauna, 8. Elements of local distinctiveness 9. Negative physical indicators, 10.1 Vegetation composition: native negative indicator species, 10.2 Vegetation composition: nonnative invasive species, 11 Air Quality, 12 Water quality.	All/Other Relevant Threats and Pressures	N/A	MC01 Adapt/manage extraction of non-energy resources	Statutory	Consent required for all activities relating to turf cutting and/or peat extraction if not covered by other regulations.	European Union Habitats (Lough Forbes Complex Special Area of Conservation 001818) Regulations, 2017	Department of Housing, Local Government and Heritage (DHLGH)/National Parks and Wildlife Service (NPWS)	1997	All government plans and policy documents are cognisant of these protections
14	1. Habitat area, 2. Habitat Distribution, 3. High Bog Area, 4.1 Hydrological regime - water levels, 4.2 Hydrological regime - flow patterns, 5. Transitional areas between high bog and adjacent mineral soils (including cutover areas), 6.1 Vegetation quality: central ecotype, active flush, soaks, bog woodland, 6.2 Vegetation quality: microtopographical features, 6.3 Vegetation quality: bog moss (Sphagnum) species, 7.1 Typical ARB species: flora, 7.2 Typical ARB species: fauna, 8. Elements of local distinctiveness 9. Negative physical indicators, 10.1 Vegetation composition: native negative indicator species, 10.2 Vegetation composition: nonnative invasive species, 11 Air Quality, 12 Water quality.	All/Other Relevant Threats and Pressures	N/A	MH03 Reduce impact of other specific human activities	Administrative	Control of activities, if not covered by other regulations, which could negatively impact on this SAC.	European Union Habitats (Lough Forbes Complex Special Area of Conservation 001818) Regulations, 2017.	Department of Housing, Local Government and Heritage (DHLGH)/National Parks and Wildlife Service (NPWS)	1997	All government plans and policy documents are cognisant of these protections
15	1. Habitat area, 2. Habitat Distribution, 3. High Bog Area, 4.1 Hydrological regime - water levels, 4.2 Hydrological regime - flow patterns, 5. Transitional areas between high bog and adjacent mineral soils (including cutover areas), 6.1 Vegetation quality: central ecotype, active flush, soaks, bog woodland, 6.2 Vegetation quality: microtopographical features, 6.3 Vegetation quality: bog moss (Sphagnum) species, 7.1 Typical ARB species: flora, 7.2 Typical ARB species: fauna, 8. Elements of local distinctiveness 9. Negative physical indicators, 10.1 Vegetation composition: native negative indicator species, 10.2 Vegetation composition: nonnative invasive species, 11 Air Quality, 12 Water quality.	All/Other Relevant Threats and Pressures	N/A	MC01 Adapt/manage extraction of non-energy resources	Statutory	Regulation controlling unconsented development at this site.	Planning and Development Regulations, 2001	Local Authority/An Coimisiún Pleanála	2001+	All government plans and policy documents are cognisant of these protections

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Habitat/Species: Active raised bogs [7110]

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16	1. Habitat area, 2. Habitat Distribution, 3. High Bog Area, 4.1 Hydrological regime - water levels, 4.2 Hydrological regime - flow patterns, 5. Transitional areas between high bog and adjacent mineral soils (including cutover areas), 6.1 Vegetation quality: central ecotype, active flush, soaks, bog woodland, 6.2 Vegetation quality: microtopographical features, 6.3 Vegetation quality: bog moss (Sphagnum) species, 7.1 Typical ARB species: flora, 7.2 Typical ARB species: fauna, 8. Elements of local distinctiveness 9. Negative physical indicators, 10.1 Vegetation composition: native negative indicator species, 10.2 Vegetation composition: nonnative invasive species, 11 Air Quality, 12 Water quality.	All/Other Relevant Threats and Pressures	N/A	MJ01 Implement climate change mitigation measures, MJ02 Implement climate change adaptation measures	Administrative	A roadmap of actions to assist in the achievement of climate change objectives by no later than the end of the year 2050.	Climate Action Plan	All Government Departments	2019	Climate Action and Low Carbon Development (Amendment) Act 2021
18	1. Habitat area, 2. Habitat Distribution, 3. High Bog Area, 4.1 Hydrological regime - water levels, 4.2 Hydrological regime - flow patterns, 5. Transitional areas between high bog and adjacent mineral soils (including cutover areas), 6.1 Vegetation quality: central ecotype, active flush, soaks, bog woodland, 6.2 Vegetation quality: microtopographical features, 6.3 Vegetation quality: bog moss (Sphagnum) species, 7.1 Typical ARB species: flora, 7.2 Typical ARB species: fauna, 8. Elements of local distinctiveness 9. Negative physical indicators, 10.1 Vegetation composition: native negative indicator species, 10.2 Vegetation composition: nonnative invasive species, 11 Air Quality, 12 Water quality.	All/Other Relevant Threats and Pressures	N/A	MC02 Adapt/manage exploitation of energy resources	Administrative	The publication of a Restoration Plan for this site.	Lough Forbes Complex SAC Restoration Plan	Department of Housing, Local Government and Heritage (DHLGH)/National Parks and Wildlife Service (NPWS)	2022	National Raised Bog Special Areas of Conservation Management Plan 2017-2022
19	1. Habitat area, 2. Habitat Distribution, 3. High Bog Area, 4.1 Hydrological regime - water levels, 4.2 Hydrological regime - flow patterns, 5. Transitional areas between high bog and adjacent mineral soils (including cutover areas), 6.1 Vegetation quality: central ecotype, active flush, soaks, bog woodland, 6.2 Vegetation quality: microtopographical features, 6.3 Vegetation quality: bog moss (Sphagnum) species, 7.1 Typical ARB species: flora, 7.2 Typical ARB species: fauna, 8. Elements of local distinctiveness 9. Negative physical indicators, 10.1 Vegetation composition: native negative indicator species, 10.2 Vegetation composition: nonnative invasive species, 11 Air Quality, 12 Water quality.	All/Other Relevant Threats and Pressures	N/A	MC02 Adapt/manage exploitation of energy resources	Administrative	Production of a Fire Prevention Plan for this SAC site.	Lough Forbes Complex SAC Restoration Plan	Department of Housing, Local Government and Heritage (DHLGH)/National Parks and Wildlife Service (NPWS)	2022	National Raised Bog Special Areas of Conservation Management Plan 2017-2022

Site name: Lough Forbes Complex SAC1818 Habitat/Species: Natural eutrophic lakes with Magnopotamion or Hydrocharitton [3150] (SSCO): To restore the favourable conservation condition of [3150] in SAC 1818										
No.	Ecological Requirements (Attributes as per SSCO)	Pressure /Threat (EU Code 2025)	Pressure/ Threat Ranking	EU Conservation Measure Type (EU Code 2019-2024)	Measure Category	Conservation Measure	Delivery mechanism	Public Authority with statutory responsibility	Implementation timeframe	Integration with high level plans/policy:
1	1. Habitat Area, 2. Habitat distribution, 3. Typical species, 4. Vegetation composition: characteristic zonation, 5. Vegetation distribution: maximum depth, 6. Hydrological regime, 7. Lake substratum quality, 8.1. Water quality: transparency, 8.2. Water quality: nutrients, 8.3 Water quality: phytoplankton biomass, 8.4 Water quality: phytoplankton composition, 8.5 Water quality: attached algal biomass, 8.6 Water quality: macrophyte status, 9. Acidification status, 10. Water colour, 11. Dissolved organic carbon (DOC), 12. Turbidity, 13. Fringing habitat: area	PL05 Modification of hydrological flow	High	MC12 Manage water abstraction for resource extraction and energy production	Statutory	Planning, regulation and constraint of development with regard to water abstraction requirements and volumes. Registration of water abstraction is required for daily maximum which is greater than 25 cubic meters per day.	European Union (Water Policy) (Abstractions Registration) Regulations 2018	Uisce Éireann (Operator) / EPA	2018	All government plans and policy documents are cognisant of these protections.
2	1. Habitat Area, 2. Habitat distribution, 3. Typical species, 4. Vegetation composition: characteristic zonation, 5. Vegetation distribution: maximum depth, 6. Hydrological regime, 7. Lake substratum quality, 8.1. Water quality: transparency, 8.2. Water quality: nutrients, 8.3 Water quality: phytoplankton biomass, 8.4 Water quality: phytoplankton composition, 8.5 Water quality: attached algal biomass, 8.6 Water quality: macrophyte status, 9. Acidification status, 10. Water colour, 11. Dissolved organic carbon (DOC), 12. Turbidity, 13. Fringing habitat: area	PF08 Industrial activities and structures generating pollution to surface or ground waters	Medium	MF04 Reduce/eliminate pollution to surface or ground waters from commercial, residential and recreational areas and activities, and from industrial activities and structures	Statutory	Consent is required for construction or alteration of tracks, paths, roads, bridges, culverts or access routes, if not covered by other regulations.	European Union Habitats (Lough Forbes Complex, Special Area of Conservation 001818) Regulations, 2017.	Department of Housing, Local Government and Heritage (DHLGH)/National Parks and Wildlife Service (NPWS)	1997	All government plans and policy documents are cognisant of these protections.
3	1. Habitat Area, 2. Habitat distribution, 3. Typical species, 4. Vegetation composition: characteristic zonation, 5. Vegetation distribution: maximum depth, 6. Hydrological regime, 7. Lake substratum quality, 8.1. Water quality: transparency, 8.2. Water quality: nutrients, 8.3 Water quality: phytoplankton biomass, 8.4 Water quality: phytoplankton composition, 8.5 Water quality: attached algal biomass, 8.6 Water quality: macrophyte status, 9. Acidification status, 10. Water colour, 11. Dissolved organic carbon (DOC), 12. Turbidity, 13. Fringing habitat: area	PF07 Residential and commercial activities and structures generating pollution to surface or ground waters	High	MF04 Reduce/eliminate pollution to surface or ground waters from commercial, residential and recreational areas and activities, and from industrial activities and structures	Statutory	Consent is required for developing or consenting to the development or operation of commercial recreational/visitor facilities or organised recreational activities, if not covered by other regulations.	European Union Habitats (Lough Forbes Complex, Special Area of Conservation 001818) Regulations, 2017.	Department of Housing, Local Government and Heritage (DHLGH)/National Parks and Wildlife Service (NPWS)	1997	All government plans and policy documents are cognisant of these protections.
4	1. Habitat Area, 2. Habitat distribution, 3. Typical species, 4. Vegetation composition: characteristic zonation, 5. Vegetation distribution: maximum depth, 6. Hydrological regime, 7. Lake substratum quality, 8.1. Water quality: transparency, 8.2. Water quality: nutrients, 8.3 Water quality: phytoplankton biomass, 8.4 Water quality: phytoplankton composition, 8.5 Water quality: attached algal biomass, 8.6 Water quality: macrophyte status, 9. Acidification status, 10. Water colour, 11. Dissolved organic carbon (DOC), 12. Turbidity, 13. Fringing habitat: area	PB19 Forestry activities generating pollution to surface or ground waters (including marine)	High	MB10 Reduce diffuse or point source pollution to surface or ground waters (incl. marine) from forestry activities	Statutory	Consent is required for the planting of trees or multi-annual bioenergy crops, if not covered by other regulations.	European Union Habitats (Lough Forbes Complex, Special Area of Conservation 001818) Regulations, 2017.	Department of Housing, Local Government and Heritage (DHLGH)/National Parks and Wildlife Service (NPWS)	1997	All government plans and policy documents are cognisant of these protections.
5	1. Habitat Area, 2. Habitat distribution, 3. Typical species, 4. Vegetation composition: characteristic zonation, 5. Vegetation distribution: maximum depth, 6. Hydrological regime, 7. Lake substratum quality, 8.1. Water quality: transparency, 8.2. Water quality: nutrients, 8.3 Water quality: phytoplankton biomass, 8.4 Water quality: phytoplankton composition, 8.5 Water quality: attached algal biomass, 8.6 Water quality: macrophyte status, 9. Acidification status, 10. Water colour, 11. Dissolved organic carbon (DOC), 12. Turbidity, 13. Fringing habitat: area	PA17 Agricultural activities generating pollution to surface or ground waters (including marine)	High	MA10 Reduce/eliminate point or diffuse source pollution to surface or ground waters (including marine) from agricultural activities	Statutory	Consent is required for burning, topping, clearing scrub or rough vegetation or reseeding, if not covered by other regulations. [Consent is not required for these activities on established reseeded grassland or cultivated land provided it is greater than 20m from a river, stream or floodplain; or greater than 50m from a wetland, lake, turlough or pond.]	European Union Habitats (Lough Forbes Complex, Special Area of Conservation 001818) Regulations, 2017.	Department of Housing, Local Government and Heritage (DHLGH)/National Parks and Wildlife Service (NPWS)	1997	All government plans and policy documents are cognisant of these protections.
6	1. Habitat Area, 2. Habitat distribution, 3. Typical species, 4. Vegetation composition: characteristic zonation, 5. Vegetation distribution: maximum depth, 6. Hydrological regime, 7. Lake substratum quality, 8.1. Water quality: transparency, 8.2. Water quality: nutrients, 8.3 Water quality: phytoplankton biomass, 8.4 Water quality: phytoplankton composition, 8.5 Water quality: attached algal biomass, 8.6 Water quality: macrophyte status, 9. Acidification status, 10. Water colour, 11. Dissolved organic carbon (DOC), 12. Turbidity, 13. Fringing habitat: area	PA17 Agricultural activities generating pollution to surface or ground waters (including marine)	High	MA10 Reduce/eliminate point or diffuse source pollution to surface or ground waters (including marine) from agricultural activities	Statutory	The spread of organic and chemical fertilisers or soiled water is restricted on land that is waterlogged, is flooded or likely to flood, is snow-covered or frozen.	European Union (Good Agricultural Practice for Protection of Waters) Regulations 2022	Department of Agriculture, Food and the Marine (DAFM)	2022	All government plans and policy documents are cognisant of these protections.

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Habitat/Species: Natural eutrophic lakes with Magnopotamion or Hydrocharitton [3150]
(SSCO): To restore the favourable conservation condition of [3150] in SAC 1818

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7	1. Habitat Area, 2. Habitat distribution, 3. Typical species, 4. Vegetation composition: characteristic zonation, 5. Vegetation distribution: maximum depth, 6. Hydrological regime, 7. Lake substratum quality, 8.1. Water quality: transparency, 8.2. Water quality: nutrients, 8.3 Water quality: phytoplankton biomass, 8.4 Water quality: phytoplankton composition, 8.5 Water quality: attached algal biomass, 8.6 Water quality: macrophyte status, 9. Acidification status, 10. Water colour, 11. Dissolved organic carbon (DOC), 12. Turbidity, 13. Fringing habitat: area	PA17 Agricultural activities generating pollution to surface or ground waters (including marine)	High	MA10 Reduce/eliminate point or diffuse source pollution to surface or ground waters (including marine) from agricultural activities	Statutory	Consent is required prior to applying inorganic or organic fertiliser, including slurry and farmyard manure to the site [Consent is not required for these activities on established reseeded grassland or cultivated land provided it is greater than 20m from a river, stream or floodplain; or greater than 50m from a wetland, lake, turlough or pond.], if not covered by other regulations.	European Union Habitats (Lough Forbes Complex Special Area of Conservation 001818) Regulations, 2017.	Department of Housing, Local Government and Heritage (DHLGH)/National Parks and Wildlife Service (NPWS)	1997	All government plans and policy documents are cognisant of these protections.
8	1. Habitat Area, 2. Habitat distribution, 3. Typical species, 4. Vegetation composition: characteristic zonation, 5. Vegetation distribution: maximum depth, 6. Hydrological regime, 7. Lake substratum quality, 8.1. Water quality: transparency, 8.2. Water quality: nutrients, 8.3 Water quality: phytoplankton biomass, 8.4 Water quality: phytoplankton composition, 8.5 Water quality: attached algal biomass, 8.6 Water quality: macrophyte status, 9. Acidification status, 10. Water colour, 11. Dissolved organic carbon (DOC), 12. Turbidity, 13. Fringing habitat: area	PA17 Agricultural activities generating pollution to surface or ground waters (including marine)	High	MA10 Reduce/eliminate point or diffuse source pollution to surface or ground waters (including marine) from agricultural activities	Statutory	Consent is required for application of pesticides, including herbicides, if not covered by other regulations. [Consent is not required for these activities on established reseeded grassland or cultivated land provided it is greater than 20m from a river, stream or floodplain; or greater than 50m from a wetland, lake, turlough or pond).	European Union Habitats (Lough Forbes Complex Special Area of Conservation 001818) Regulations, 2017.	Department of Housing, Local Government and Heritage (DHLGH)/National Parks and Wildlife Service (NPWS)	1997	All government plans and policy documents are cognisant of these protections.
9	1. Habitat Area, 2. Habitat distribution, 3. Typical species, 4. Vegetation composition: characteristic zonation, 5. Vegetation distribution: maximum depth, 6. Hydrological regime, 7. Lake substratum quality, 8.1. Water quality: transparency, 8.2. Water quality: nutrients, 8.3 Water quality: phytoplankton biomass, 8.4 Water quality: phytoplankton composition, 8.5 Water quality: attached algal biomass, 8.6 Water quality: macrophyte status, 9. Acidification status, 10. Water colour, 11. Dissolved organic carbon (DOC), 12. Turbidity, 13. Fringing habitat: area	PA17 Agricultural activities generating pollution to surface or ground waters (including marine)	High	MA10 Reduce/eliminate point or diffuse source pollution to surface or ground waters (including marine) from agricultural activities	Statutory	Consent is required for supplementary feeding of livestock, if not covered by other regulations. [Consent is not required for this activity on established reseeded grassland or cultivated land provided it is greater than 20m from a river, stream or floodplain; or greater than 50m from a wetland, lake, turlough or pond.]	European Union Habitats (Lough Forbes Complex Special Area of Conservation 001818) Regulations, 2017.	Department of Housing, Local Government and Heritage (DHLGH)/National Parks and Wildlife Service (NPWS)	1997	All government plans and policy documents are cognisant of these protections.
10	1. Habitat Area, 2. Habitat distribution, 3. Typical species, 4. Vegetation composition: characteristic zonation, 5. Vegetation distribution: maximum depth, 6. Hydrological regime, 7. Lake substratum quality, 8.1. Water quality: transparency, 8.2. Water quality: nutrients, 8.3 Water quality: phytoplankton biomass, 8.4 Water quality: phytoplankton composition, 8.5 Water quality: attached algal biomass, 8.6 Water quality: macrophyte status, 9. Acidification status, 10. Water colour, 11. Dissolved organic carbon (DOC), 12. Turbidity, 13. Fringing habitat: area	PA17 Agricultural activities generating pollution to surface or ground waters (including marine)	High	MA10 Reduce/eliminate point or diffuse source pollution to surface or ground waters (including marine) from agricultural activities	Statutory	Consent is required for digging, ploughing, harrowing or otherwise disturbing soil or substrate, if not covered by other regulations. [Consent is not required for these activities on established reseeded grassland or cultivated land provided it is greater than 50m from a river, stream, floodplain, wetland, lake, turlough or pond.]	European Union Habitats (Lough Forbes Complex Special Area of Conservation 001818) Regulations, 2017.	Department of Housing, Local Government and Heritage (DHLGH)/National Parks and Wildlife Service (NPWS)	1997	All government plans and policy documents are cognisant of these protections.
11	1. Habitat Area, 2. Habitat distribution, 3. Typical species, 4. Vegetation composition: characteristic zonation, 5. Vegetation distribution: maximum depth, 6. Hydrological regime, 7. Lake substratum quality, 8.1. Water quality: transparency, 8.2. Water quality: nutrients, 8.3 Water quality: phytoplankton biomass, 8.4 Water quality: phytoplankton composition, 8.5 Water quality: attached algal biomass, 8.6 Water quality: macrophyte status, 9. Acidification status, 10. Water colour, 11. Dissolved organic carbon (DOC), 12. Turbidity, 13. Fringing habitat: area	PA17 Agricultural activities generating pollution to surface or ground waters (including marine)	High	MA10 Reduce/eliminate point or diffuse source pollution to surface or ground waters (including marine) from agricultural activities	Contractual	Limited fertiliser application (max of 40kg/ha of nitrogen) in lands participating in Agri-Climate Rural Environment Scheme (ACRES) conservation actions for extensively grazed pasture (<7% of terrestrial SAC area).	Agri-Climate Rural Environment Scheme (ACRES).	Department of Agriculture, Food and the Marine (DAFM)	2022	CAP Strategic Plan
12	1. Habitat Area, 2. Habitat distribution, 3. Typical species, 4. Vegetation composition: characteristic zonation, 5. Vegetation distribution: maximum depth, 6. Hydrological regime, 7. Lake substratum quality, 8.1. Water quality: transparency, 8.2. Water quality: nutrients, 8.3 Water quality: phytoplankton biomass, 8.4 Water quality: phytoplankton composition, 8.5 Water quality: attached algal biomass, 8.6 Water quality: macrophyte status, 9. Acidification status, 10. Water colour, 11. Dissolved organic carbon (DOC), 12. Turbidity, 13. Fringing habitat: area	PA17 Agricultural activities generating pollution to surface or ground waters (including marine)	Medium	MA10 Reduce/eliminate point or diffuse source pollution to surface or ground waters (including marine) from agricultural activities	Contractual	Prohibition on drainage, ploughing or cultivation in lands participating in in Agri-Climate Rural Environment Scheme (ACRES) conservation actions for extensively grazed pasture (<7% of terrestrial SAC area).	Agri-Climate Rural Environment Scheme (ACRES).	Department of Agriculture, Food and the Marine (DAFM)	2022	CAP Strategic Plan

Site name: Lough Forbes Complex SAC1818
Habitat/Species: Natural eutrophic lakes with Magnopotamion or Hydrocharitton [3150]
(SSCO): To restore the favourable conservation condition of [3150] in SAC 1818

No.	Ecological Requirements (Attributes as per SSCO)	Pressure /Threat (EU Code 2025)	Pressure/ Threat Ranking	EU Conservation Measure Type (EU Code 2019-2024)	Measure Category	Conservation Measure	Delivery mechanism	Public Authority with statutory responsibility	Implementation timeframe	Integration with high level plans/policy:
13	1. Habitat Area, 2. Habitat distribution, 3. Typical species, 4. Vegetation composition: characteristic zonation, 5. Vegetation distribution: maximum depth, 6. Hydrological regime, 7. Lake substratum quality, 8.1. Water quality: transparency, 8.2. Water quality: nutrients, 8.3 Water quality: phytoplankton biomass, 8.4 Water quality: phytoplankton composition, 8.5 Water quality: attached algal biomass, 8.6 Water quality: macrophyte status, 9. Acidification status, 10. Water colour, 11. Dissolved organic carbon (DOC), 12. Turbidity, 13. Fringing habitat: area	PA17 Agricultural activities generating pollution to surface or ground waters (including marine)	High	MA10 Reduce/eliminate point or diffuse source pollution to surface or ground waters (including marine) from agricultural activities	Contractual	Fencing of watercourses, at least 1.5m from the top of bank if bovines present, in lands participating in Agri-Climate Rural Environment Scheme (ACRES) conservation actions for extensively grazed pasture (<7% of terrestrial SAC area).	Agri-Climate Rural Environment Scheme (ACRES)	Department of Agriculture, Food and the Marine (DAFM)	2022	CAP Strategic Plan
14	1. Habitat Area, 2. Habitat distribution, 3. Typical species, 4. Vegetation composition: characteristic zonation, 5. Vegetation distribution: maximum depth, 6. Hydrological regime, 7. Lake substratum quality, 8.1. Water quality: transparency, 8.2. Water quality: nutrients, 8.3 Water quality: phytoplankton biomass, 8.4 Water quality: phytoplankton composition, 8.5 Water quality: attached algal biomass, 8.6 Water quality: macrophyte status, 9. Acidification status, 10. Water colour, 11. Dissolved organic carbon (DOC), 12. Turbidity, 13. Fringing habitat: area	PA17 Agricultural activities generating pollution to surface or ground waters (including marine)	High	MA10 Reduce/eliminate point or diffuse source pollution to surface or ground waters (including marine) from agricultural activities	Contractual	Prohibition on grazing from 1 October to 15 March in lands participating in in Agri-Climate Rural Environment Scheme (ACRES) conservation actions for management of intensive grassland next to a watercourse (<7% of terrestrial SAC area).	Agri-Climate Rural Environment Scheme (ACRES)	Department of Agriculture, Food and the Marine (DAFM)	2022	CAP Strategic Plan
15	1. Habitat Area, 2. Habitat distribution, 3. Typical species, 4. Vegetation composition: characteristic zonation, 5. Vegetation distribution: maximum depth, 6. Hydrological regime, 7. Lake substratum quality, 8.1. Water quality: transparency, 8.2. Water quality: nutrients, 8.3 Water quality: phytoplankton biomass, 8.4 Water quality: phytoplankton composition, 8.5 Water quality: attached algal biomass, 8.6 Water quality: macrophyte status, 9. Acidification status, 10. Water colour, 11. Dissolved organic carbon (DOC), 12. Turbidity, 13. Fringing habitat: area	PA17 Agricultural activities generating pollution to surface or ground waters (including marine)	High	MA10 Reduce/eliminate point or diffuse source pollution to surface or ground waters (including marine) from agricultural activities	Contractual	Prohibition of reseeding or drainage works in lands participating in in Agri-Climate Rural Environment Scheme (ACRES) conservation actions for management of intensive grassland next to a watercourse (<7% of terrestrial SAC area).	Agri-Climate Rural Environment Scheme (ACRES)	Department of Agriculture, Food and the Marine (DAFM)	2022	CAP Strategic Plan
16	1. Habitat Area, 2. Habitat distribution, 3. Typical species, 4. Vegetation composition: characteristic zonation, 5. Vegetation distribution: maximum depth, 6. Hydrological regime, 7. Lake substratum quality, 8.1. Water quality: transparency, 8.2. Water quality: nutrients, 8.3 Water quality: phytoplankton biomass, 8.4 Water quality: phytoplankton composition, 8.5 Water quality: attached algal biomass, 8.6 Water quality: macrophyte status, 9. Acidification status, 10. Water colour, 11. Dissolved organic carbon (DOC), 12. Turbidity, 13. Fringing habitat: area	PA17 Agricultural activities generating pollution to surface or ground waters (including marine)	High	MA10 Reduce/eliminate point or diffuse source pollution to surface or ground waters (including marine) from agricultural activities	Contractual	Prohibition of application of chemical or organic fertiliser in lands participating in in Agri-Climate Rural Environment Scheme (ACRES) conservation actions for management of intensive grassland next to a watercourse (<7% of terrestrial SAC area).	Agri-Climate Rural Environment Scheme (ACRES)	Department of Agriculture, Food and the Marine (DAFM)	2022	CAP Strategic Plan
17	1. Habitat Area, 2. Habitat distribution, 3. Typical species, 4. Vegetation composition: characteristic zonation, 5. Vegetation distribution: maximum depth, 6. Hydrological regime, 7. Lake substratum quality, 8.1. Water quality: transparency, 8.2. Water quality: nutrients, 8.3 Water quality: phytoplankton biomass, 8.4 Water quality: phytoplankton composition, 8.5 Water quality: attached algal biomass, 8.6 Water quality: macrophyte status, 9. Acidification status, 10. Water colour, 11. Dissolved organic carbon (DOC), 12. Turbidity, 13. Fringing habitat: area	PA17 Agricultural activities generating pollution to surface or ground waters (including marine)	High	MA10 Reduce/eliminate point or diffuse source pollution to surface or ground waters (including marine) from agricultural activities	Contractual	Requirement that lands participating in in Agri-Climate Rural Environment Scheme (ACRES) conservation actions for management of intensive grassland next to a watercourse (<7% of terrestrial SAC area) be stock proof.	Agri-Climate Rural Environment Scheme (ACRES)	Department of Agriculture, Food and the Marine (DAFM)	2022	CAP Strategic Plan
18	1. Habitat Area, 2. Habitat distribution, 3. Typical species, 4. Vegetation composition: characteristic zonation, 5. Vegetation distribution: maximum depth, 6. Hydrological regime, 7. Lake substratum quality, 8.1. Water quality: transparency, 8.2. Water quality: nutrients, 8.3 Water quality: phytoplankton biomass, 8.4 Water quality: phytoplankton composition, 8.5 Water quality: attached algal biomass, 8.6 Water quality: macrophyte status, 9. Acidification status, 10. Water colour, 11. Dissolved organic carbon (DOC), 12. Turbidity, 13. Fringing habitat: area	PA17 Agricultural activities generating pollution to surface or ground waters (including marine)	High	MA10 Reduce/eliminate point or diffuse source pollution to surface or ground waters (including marine) from agricultural activities	Contractual	Prohibition of pesticides and herbicides, except for the spot treatment of noxious/invasive weeds, in lands participating in in Agri-Climate Rural Environment Scheme (ACRES) conservation actions for management of intensive grassland next to a watercourse (<7% of terrestrial SAC area).	Agri-Climate Rural Environment Scheme (ACRES)	Department of Agriculture, Food and the Marine (DAFM)	2022	CAP Strategic Plan

<div>Site name: Lough Forbes Complex SAC1818</div> <div>Habitat/Species: Natural eutrophic lakes with Magnopotamion or Hydrocharition [3150]</div> <div>(SSCO): To restore the favourable conservation condition of [3150] in SAC 1818</div>										
No.	Ecological Requirements (Attributes as per SSCO)	Pressure /Threat (EU Code 2025)	Pressure/ Threat Ranking	EU Conservation Measure Type (EU Code 2019-2024)	Measure Category	Conservation Measure	Delivery mechanism	Public Authority with statutory responsibility	Implementation timeframe	Integration with high level plans/policy:
19	1. Habitat Area, 2. Habitat distribution, 3. Typical species, 4. Vegetation composition: characteristic zonation, 5. Vegetation distribution: maximum depth, 6. Hydrological regime, 7. Lake substratum quality, 8.1. Water quality: transparency, 8.2. Water quality: nutrients, 8.3 Water quality: phytoplankton biomass, 8.4 Water quality: phytoplankton composition, 8.5 Water quality: attached algal biomass, 8.6 Water quality: macrophyte status, 9. Acidification status, 10. Water colour, 11. Dissolved organic carbon (DOC), 12. Turbidity, 13. Fringing habitat: area	PA17 Agricultural activities generating pollution to surface or ground waters (including marine)	High	MA10 Reduce/eliminate point or diffuse source pollution to surface or ground waters (including marine) from agricultural activities	Contractual	Prohibition of machinery operations from April to June each year in lands participating in in Agri-Climate Rural Environment Scheme (ACRES) conservation actions for management of intensive grassland next to a watercourse (<7% of terrestrial SAC area).	Agri-Climate Rural Environment Scheme (ACRES)	Department of Agriculture, Food and the Marine (DAFM)	2022	CAP Strategic Plan
20	1. Habitat Area, 2. Habitat distribution, 3. Typical species, 4. Vegetation composition: characteristic zonation, 5. Vegetation distribution: maximum depth, 6. Hydrological regime, 7. Lake substratum quality, 8.1. Water quality: transparency, 8.2. Water quality: nutrients, 8.3 Water quality: phytoplankton biomass, 8.4 Water quality: phytoplankton composition, 8.5 Water quality: attached algal biomass, 8.6 Water quality: macrophyte status, 9. Acidification status, 10. Water colour, 11. Dissolved organic carbon (DOC), 12. Turbidity, 13. Fringing habitat: area	PA17 Agricultural activities generating pollution to surface or ground waters (including marine)	High	MA10 Reduce/eliminate point or diffuse source pollution to surface or ground waters (including marine) from agricultural activities	Contractual	Prohibition on livestock and machinery between October 1st and March 31st in lands participating in Agri-Climate Rural Environment Scheme (ACRES) conservation actions for geese and swan (<7% of terrestrial SAC area).	Agri-Climate Rural Environment Scheme (ACRES)	Department of Agriculture, Food and the Marine (DAFM)	2022	CAP Strategic Plan
21	1. Habitat Area, 2. Habitat distribution, 3. Typical species, 4. Vegetation composition: characteristic zonation, 5. Vegetation distribution: maximum depth, 6. Hydrological regime, 7. Lake substratum quality, 8.1. Water quality: transparency, 8.2. Water quality: nutrients, 8.3 Water quality: phytoplankton biomass, 8.4 Water quality: phytoplankton composition, 8.5 Water quality: attached algal biomass, 8.6 Water quality: macrophyte status, 9. Acidification status, 10. Water colour, 11. Dissolved organic carbon (DOC), 12. Turbidity, 13. Fringing habitat: area	All/Other Relevant Threats and Pressures	N/A	MA - Measures related to agricultural practices and agriculture-related habitats	Contractual	80% uptake of eligible participants (44) in the voluntary Agri-Climate Rural Environment Scheme (ACRES).	Agri-Climate Rural Environment Scheme (ACRES)	Department of Agriculture, Food and the Marine (DAFM)	2022	CAP Strategic Plan
22	1. Habitat Area, 2. Habitat distribution, 3. Typical species, 4. Vegetation composition: characteristic zonation, 5. Vegetation distribution: maximum depth, 6. Hydrological regime, 7. Lake substratum quality, 8.1. Water quality: transparency, 8.2. Water quality: nutrients, 8.3 Water quality: phytoplankton biomass, 8.4 Water quality: phytoplankton composition, 8.5 Water quality: attached algal biomass, 8.6 Water quality: macrophyte status, 9. Acidification status, 10. Water colour, 11. Dissolved organic carbon (DOC), 12. Turbidity, 13. Fringing habitat: area	All/Other Relevant Threats and Pressures	N/A	MA - Measures related to agricultural practices and agriculture-related habitats	Contractual	Production of an accredited Farm Sustainability Plan by 100% of participants in the Agri-Climate Rural Environmental Scheme (ACRES).	Agri-Climate Rural Environment Scheme (ACRES)	Department of Agriculture, Food and the Marine (DAFM)	2022	CAP Strategic Plan
23	1. Habitat Area, 2. Habitat distribution, 3. Typical species, 4. Vegetation composition: characteristic zonation, 5. Vegetation distribution: maximum depth, 6. Hydrological regime, 7. Lake substratum quality, 8.1. Water quality: transparency, 8.2. Water quality: nutrients, 8.3 Water quality: phytoplankton biomass, 8.4 Water quality: phytoplankton composition, 8.5 Water quality: attached algal biomass, 8.6 Water quality: macrophyte status, 9. Acidification status, 10. Water colour, 11. Dissolved organic carbon (DOC), 12. Turbidity, 13. Fringing habitat: area	All/Other Relevant Threats and Pressures	N/A	MA05 Adapt mowing, grazing and other equivalent agricultural activities (e.g. burning)	Contractual	Mowing restrictions (mowing not permitted between March 15th and July 1st) in lands participating in Agri-Climate Rural Environment Scheme (ACRES) conservation actions for extensively grazed pasture (<7% of terrestrial SAC area).	Agri-Climate Rural Environment Scheme (ACRES)	Department of Agriculture, Food and the Marine (DAFM)	2022	CAP Strategic Plan
24	1. Habitat Area, 2. Habitat distribution, 3. Typical species, 4. Vegetation composition: characteristic zonation, 5. Vegetation distribution: maximum depth, 6. Hydrological regime, 7. Lake substratum quality, 8.1. Water quality: transparency, 8.2. Water quality: nutrients, 8.3 Water quality: phytoplankton biomass, 8.4 Water quality: phytoplankton composition, 8.5 Water quality: attached algal biomass, 8.6 Water quality: macrophyte status, 9. Acidification status, 10. Water colour, 11. Dissolved organic carbon (DOC), 12. Turbidity, 13. Fringing habitat: area	All/Other Relevant Threats and Pressures	N/A	MA03 Maintain existing extensive agricultural practices and agricultural landscape features	Contractual	Maintenance of a diverse sward with open vegetation by grazing in lands participating in Agri-Climate Rural Environment Scheme (ACRES) conservation actions for extensively grazed pasture (<7% of terrestrial SAC area).	Agri-Climate Rural Environment Scheme (ACRES)	Department of Agriculture, Food and the Marine (DAFM)	2022	CAP Strategic Plan

<div>Site name: Lough Forbes Complex SAC1818</div> <div>Habitat/Species: Natural eutrophic lakes with Magnopotamion or Hydrocharition [3150]</div> <div>(SSCO): To restore the favourable conservation condition of [3150] in SAC 1818</div>										
No.	Ecological Requirements (Attributes as per SSCO)	Pressure /Threat (EU Code 2025)	Pressure/ Threat Ranking	EU Conservation Measure Type (EU Code 2019-2024)	Measure Category	Conservation Measure	Delivery mechanism	Public Authority with statutory responsibility	Implementation timeframe	Integration with high level plans/policy:
25	1. Habitat Area, 2. Habitat distribution, 3. Typical species, 4. Vegetation composition: characteristic zonation, 5. Vegetation distribution: maximum depth, 6. Hydrological regime, 7. Lake substratum quality, 8.1. Water quality: transparency, 8.2. Water quality: nutrients, 8.3 Water quality: phytoplankton biomass, 8.4 Water quality: phytoplankton composition, 8.5 Water quality: attached algal biomass, 8.6 Water quality: macrophyte status, 9. Acidification status, 10. Water colour, 11. Dissolved organic carbon (DOC), 12. Turbidity, 13. Fringing habitat: area	All/Other Relevant Threats and Pressures	N/A	MA - Measures related to agricultural practices and agriculture-related habitats	Contractual	At least four grass species (excluding ryegrasses) or a mosaic of acid grassland and heath with varying levels of grazable woody forage plants required in lands participating in Agri-Climate Rural Environment Scheme (ACRES) conservation actions for extensively grazed pasture (<7% of terrestrial SAC area).	Agri-Climate Rural Environment Scheme (ACRES)	Department of Agriculture, Food and the Marine (DAFM)	2022	CAP Strategic Plan
26	1. Habitat Area, 2. Habitat distribution, 3. Typical species, 4. Vegetation composition: characteristic zonation, 5. Vegetation distribution: maximum depth, 6. Hydrological regime, 7. Lake substratum quality, 8.1. Water quality: transparency, 8.2. Water quality: nutrients, 8.3 Water quality: phytoplankton biomass, 8.4 Water quality: phytoplankton composition, 8.5 Water quality: attached algal biomass, 8.6 Water quality: macrophyte status, 9. Acidification status, 10. Water colour, 11. Dissolved organic carbon (DOC), 12. Turbidity, 13. Fringing habitat: area	All/Other Relevant Threats and Pressures	N/A	MA03 Maintain existing extensive agricultural practices and agricultural landscape features	Contractual	Prohibition on cutting hedgerows below a height of 1.8 metres in lands participating in in Agri-Climate Rural Environment Scheme (ACRES) conservation actions for management of intensive grassland next to a watercourse (<7% of terrestrial SAC area).	Agri-Climate Rural Environment Scheme (ACRES)	Department of Agriculture, Food and the Marine (DAFM)	2022	CAP Strategic Plan
27	1. Habitat Area, 2. Habitat distribution, 3. Typical species, 4. Vegetation composition: characteristic zonation, 5. Vegetation distribution: maximum depth, 6. Hydrological regime, 7. Lake substratum quality, 8.1. Water quality: transparency, 8.2. Water quality: nutrients, 8.3 Water quality: phytoplankton biomass, 8.4 Water quality: phytoplankton composition, 8.5 Water quality: attached algal biomass, 8.6 Water quality: macrophyte status, 9. Acidification status, 10. Water colour, 11. Dissolved organic carbon (DOC), 12. Turbidity, 13. Fringing habitat: area	All/Other Relevant Threats and Pressures	N/A	MA07 Restoration of Annex I agricultural habitats (incl. re-establish and improve)	Contractual	7% of terrestrial habitat in Lough Forbes Complex SAC is subject to conservation results based scoring of the habitat as part of the Agri-Climate Rural Environment Scheme (ACRES).	Agri-Climate Rural Environment Scheme (ACRES) . Scorecards	Department of Agriculture, Food and the Marine (DAFM)	2022	CAP Strategic Plan
28	1. Habitat Area, 2. Habitat distribution, 3. Typical species, 4. Vegetation composition: characteristic zonation, 5. Vegetation distribution: maximum depth, 6. Hydrological regime, 7. Lake substratum quality, 8.1. Water quality: transparency, 8.2. Water quality: nutrients, 8.3 Water quality: phytoplankton biomass, 8.4 Water quality: phytoplankton composition, 8.5 Water quality: attached algal biomass, 8.6 Water quality: macrophyte status, 9. Acidification status, 10. Water colour, 11. Dissolved organic carbon (DOC), 12. Turbidity, 13. Fringing habitat: area	All/Other Relevant Threats and Pressures	N/A	MH03 Reduce impact of other specific human activities	Administrative	Control of activities, if not covered by other regulations, which could negatively impact on this SAC.	European Union Habitats (Lough Forbes Complex, Special Area of Conservation 001818) Regulations, 2017.	Department of Housing, Local Government and Heritage (DHLGH)/National Parks and Wildlife Service (NPWS)	1997	All government plans and policy documents are cognisant of these protections.
29	1. Habitat Area, 2. Habitat distribution, 3. Typical species, 4. Vegetation composition: characteristic zonation, 5. Vegetation distribution: maximum depth, 6. Hydrological regime, 7. Lake substratum quality, 8.1. Water quality: transparency, 8.2. Water quality: nutrients, 8.3 Water quality: phytoplankton biomass, 8.4 Water quality: phytoplankton composition, 8.5 Water quality: attached algal biomass, 8.6 Water quality: macrophyte status, 9. Acidification status, 10. Water colour, 11. Dissolved organic carbon (DOC), 12. Turbidity, 13. Fringing habitat: area	All/Other Relevant Threats and Pressures	N/A	MF08 Manage changes in hydrological and coastal systems and regimes for construction and development (incl. restoration of habitats.	Statutory	Regulation controlling unconsented development at this site.	Planning and Development Regulations, 2001	Local Authority/An Coimisiún Pleanála	2001	All government plans and policy documents are cognisant of these protections.
30	1. Habitat Area, 2. Habitat distribution, 3. Typical species, 4. Vegetation composition: characteristic zonation, 5. Vegetation distribution: maximum depth, 6. Hydrological regime, 7. Lake substratum quality, 8.1. Water quality: transparency, 8.2. Water quality: nutrients, 8.3 Water quality: phytoplankton biomass, 8.4 Water quality: phytoplankton composition, 8.5 Water quality: attached algal biomass, 8.6 Water quality: macrophyte status, 9. Acidification status, 10. Water colour, 11. Dissolved organic carbon (DOC), 12. Turbidity, 13. Fringing habitat: area	All/Other Relevant Threats and Pressures	N/A	MJ01 Implement climate change mitigation measures, MJ02 Implement climate change adaptation measures	Administrative	A roadmap of actions to assist in the achievement of climate change objectives by no later than the end of the year 2050.	Ireland's Climate Action Plan	All Government Departments	2019	Climate Action and Low Carbon Development (Amendment) Act 2021

Site name: Lough Forbes Complex SAC1818

Habitat/Species: Natural eutrophic lakes with Magnopotamion or Hydrocharition [3150]

(SSCO): To restore the favourable conservation condition of [3150] in SAC 1818

No.	Ecological Requirements (Attributes as per SSCO)	Pressure /Threat (EU Code 2025)	Pressure/ Threat Ranking	EU Conservation Measure Type (EU Code 2019-2024)	Measure Category	Conservation Measure	Delivery mechanism	Public Authority with statutory responsibility	Implementation timeframe	Integration with high level plans/policy:
31	1. Habitat Area, 2. Habitat distribution, 3. Typical species, 4. Vegetation composition: characteristic zonation, 5. Vegetation distribution: maximum depth, 6. Hydrological regime, 7. Lake substratum quality, 8.1. Water quality: transparency, 8.2. Water quality: nutrients, 8.3 Water quality: phytoplankton biomass, 8.4 Water quality: phytoplankton composition, 8.5 Water quality: attached algal biomass, 8.6 Water quality: macrophyte status, 9. Acidification status, 10. Water colour, 11. Dissolved organic carbon (DOC), 12. Turbidity, 13. Fringing habitat: area	All/Other Relevant Threats and Pressures	N/A	MA - Measures related to agricultural practices and agriculture-related habitats	Administrative/Contractual	The production of NPWS Farm Plans Lough Forbes Complex SAC. This includes 12 Plots covering approx. 18 HA within the SAC	NPWS Farm Plan Scheme	National Parks and Wildlife (NPWS)	2006+	European Communities (Birds and Natural Habitats Regulations) 2011
32	1. Habitat Area, 2. Habitat distribution, 3. Typical species, 4. Vegetation composition: characteristic zonation, 5. Vegetation distribution: maximum depth, 6. Hydrological regime, 7. Lake substratum quality, 8.1. Water quality: transparency, 8.2. Water quality: nutrients, 8.3 Water quality: phytoplankton biomass, 8.4 Water quality: phytoplankton composition, 8.5 Water quality: attached algal biomass, 8.6 Water quality: macrophyte status, 9. Acidification status, 10. Water colour, 11. Dissolved organic carbon (DOC), 12. Turbidity, 13. Fringing habitat: area	All/Other Relevant Threats and Pressures	N/A	MH03 Reduce impact of other specific human activities	Administrative	Monitoring at this site by regional staff on a weekly basis.	NPWS Conservation Measure	National Parks and Wildlife (NPWS)	2025+	All government plans and policy documents are cognisant of these protections.

Site name: Lough Forbes Complex SAC 1818
Habitat/Species: Alluvial forests with *Alnus glutinosa* and *Fraxinus excelsior* [91E0]
(SSCO): To restore the favourable conservation condition of [91E0] in SAC1818

No.	Ecological Requirements (Attributes as per SSCO)	Pressure /Threat (EU Code 2025)	Pressure/ Threat Ranking	EU Conservation Measure Type (EU Code 2019-2024)	Measure Category	Conservation Measure	Delivery mechanism	Public Authority with statutory responsibility	Implementation timeframe	Integration with high level plans/policy:
1	1 Habitat Area, 2 Habitat distribution, 3 Typical species, 4 Vegetation composition: characteristic zonation, 5 Vegetation distribution: maximum depth, 6 Hydrological regime, 7 Lake substratum quality, 8.1 Water quality: transparency, 8.2 Water quality: nutrients, 8.3 Water quality: phytoplankton biomass, 8.4 Water quality: phytoplankton composition, 8.5 Water quality: attached algal biomass, 8.6 Water quality: macrophyte status, 9 Acidification status, 10 Water colour, 11 Dissolved organic carbon (DOC), 12 Turbidity, 13 Fringing habitat: area	PA17 Agricultural activities generating pollution to surface or ground waters (including marine)	High	MA10 Reduce/eliminate point or diffuse source pollution to surface or ground waters (including marine) from agricultural activities	Statutory	Consent is required for burning, topping, clearing scrub or rough vegetation or reseeded, if not covered by other regulations. [Consent is not required for these activities on established reseeded grassland or cultivated land provided it is greater than 20m from a river, stream or floodplain; or greater than 50m from a wetland, lake, turlough or pond.]	European Union Habitats (Lough Forbes Complex, Special Area of Conservation 001818) Regulations, 2017.	Department of Housing, Local Government and Heritage (DHLGH)/National Parks and Wildlife Service (NPWS)	1997+	All government plans and policy documents are cognisant of these protections
2	1 Habitat Area, 2 Habitat distribution, 3 Typical species, 4 Vegetation composition: characteristic zonation, 5 Vegetation distribution: maximum depth, 6 Hydrological regime, 7 Lake substratum quality, 8.1 Water quality: transparency, 8.2 Water quality: nutrients, 8.3 Water quality: phytoplankton biomass, 8.4 Water quality: phytoplankton composition, 8.5 Water quality: attached algal biomass, 8.6 Water quality: macrophyte status, 9 Acidification status, 10 Water colour, 11 Dissolved organic carbon (DOC), 12 Turbidity, 13 Fringing habitat: area	PA17 Agricultural activities generating pollution to surface or ground waters (including marine)	High	MA10 Reduce/eliminate point or diffuse source pollution to surface or ground waters (including marine) from agricultural activities	Statutory	The spread of organic and chemical fertilisers or soiled water is restricted on land that is waterlogged, is flooded or likely to flood, is snow-covered or frozen.	European Union (Good Agricultural Practice for Protection of Waters) Regulations 2022	Department of Agriculture, Food and the Marine (DAFM)	2022+	All government plans and policy documents are cognisant of these protections
3	1 Habitat Area, 2 Habitat distribution, 3 Typical species, 4 Vegetation composition: characteristic zonation, 5 Vegetation distribution: maximum depth, 6 Hydrological regime, 7 Lake substratum quality, 8.1 Water quality: transparency, 8.2 Water quality: nutrients, 8.3 Water quality: phytoplankton biomass, 8.4 Water quality: phytoplankton composition, 8.5 Water quality: attached algal biomass, 8.6 Water quality: macrophyte status, 9 Acidification status, 10 Water colour, 11 Dissolved organic carbon (DOC), 12 Turbidity, 13 Fringing habitat: area	PA17 Agricultural activities generating pollution to surface or ground waters (including marine)	High	MA10 Reduce/eliminate point or diffuse source pollution to surface or ground waters (including marine) from agricultural activities	Contractual	Limited fertiliser application (max of 40kg/ha of nitrogen) in lands participating in Agri-Climate Rural Environment Scheme (ACRES) conservation actions for extensively grazed pasture (<7% of terrestrial SAC area).	Agri-Climate Rural Environment Scheme (ACRES)	Department of Agriculture, Food and the Marine (DAFM)	2022+	CAP Strategic Plan
4	1 Habitat Area, 2 Habitat distribution, 3 Typical species, 4 Vegetation composition: characteristic zonation, 5 Vegetation distribution: maximum depth, 6 Hydrological regime, 7 Lake substratum quality, 8.1 Water quality: transparency, 8.2 Water quality: nutrients, 8.3 Water quality: phytoplankton biomass, 8.4 Water quality: phytoplankton composition, 8.5 Water quality: attached algal biomass, 8.6 Water quality: macrophyte status, 9 Acidification status, 10 Water colour, 11 Dissolved organic carbon (DOC), 12 Turbidity, 13 Fringing habitat: area	PA17 Agricultural activities generating pollution to surface or ground waters (including marine)	High	MA10 Reduce/eliminate point or diffuse source pollution to surface or ground waters (including marine) from agricultural activities	Contractual	Prohibition on drainage, ploughing or cultivation in lands participating in in Agri-Climate Rural Environment Scheme (ACRES) conservation actions for extensively grazed pasture (<7% of terrestrial SAC area).	Agri-Climate Rural Environment Scheme (ACRES)	Department of Agriculture, Food and the Marine (DAFM)	2022+	CAP Strategic Plan
5	1 Habitat Area, 2 Habitat distribution, 3 Typical species, 4 Vegetation composition: characteristic zonation, 5 Vegetation distribution: maximum depth, 6 Hydrological regime, 7 Lake substratum quality, 8.1 Water quality: transparency, 8.2 Water quality: nutrients, 8.3 Water quality: phytoplankton biomass, 8.4 Water quality: phytoplankton composition, 8.5 Water quality: attached algal biomass, 8.6 Water quality: macrophyte status, 9 Acidification status, 10 Water colour, 11 Dissolved organic carbon (DOC), 12 Turbidity, 13 Fringing habitat: area	PA17 Agricultural activities generating pollution to surface or ground waters (including marine)	High	MA10 Reduce/eliminate point or diffuse source pollution to surface or ground waters (including marine) from agricultural activities	Contractual	Fencing of watercourses, at least 1.5m from the top of bank if bovinas present, in lands participating in Agri-Climate Rural Environment Scheme (ACRES) conservation actions for extensively grazed pasture (<7% of terrestrial SAC area).	Agri-Climate Rural Environment Scheme (ACRES)	Department of Agriculture, Food and the Marine (DAFM)	2022+	CAP Strategic Plan
	1 Habitat Area, 2 Habitat distribution, 3 Typical species, 4 Vegetation composition: characteristic zonation, 5 Vegetation distribution: maximum depth, 6 Hydrological regime, 7 Lake substratum quality, 8.1 Water quality: transparency, 8.2 Water quality: nutrients, 8.3 Water quality: phytoplankton biomass, 8.4 Water quality: phytoplankton composition, 8.5 Water quality: attached algal biomass, 8.6 Water quality: macrophyte status, 9 Acidification status, 10 Water colour, 11 Dissolved organic carbon (DOC), 12 Turbidity, 13 Fringing habitat: area	PA17 Agricultural activities generating pollution to surface or ground waters (including marine)	High	MA10 Reduce/eliminate point or diffuse source pollution to surface or ground waters (including marine) from agricultural activities	Contractual	Prohibition on grazing from 1 October to 15 March in lands participating in in Agri-Climate Rural Environment Scheme (ACRES) conservation actions for management of intensive grassland next to a watercourse (<7% of terrestrial SAC area).	Agri-Climate Rural Environment Scheme (ACRES)	Department of Agriculture, Food and the Marine (DAFM)	2022+	CAP Strategic Plan

Site name: Lough Forbes Complex SAC 1818
Habitat/Species: Alluvial forests with *Alnus glutinosa* and *Fraxinus excelsior* [91E0]
(SSCO): To restore the favourable conservation condition of [91E0] in SAC1818

No.	Ecological Requirements (Attributes as per SSCO)	Pressure /Threat (EU Code 2025)	Pressure/ Threat Ranking	EU Conservation Measure Type (EU Code 2019-2024)	Measure Category	Conservation Measure	Delivery mechanism	Public Authority with statutory responsibility	Implementation timeframe	Integration with high level plans/policy:
	1 Habitat Area, 2 Habitat distribution, 3 Typical species, 4 Vegetation composition: characteristic zonation, 5 Vegetation distribution: maximum depth, 6 Hydrological regime, 7 Lake substratum quality, 8.1 Water quality: transparency, 8.2 Water quality: nutrients, 8.3 Water quality: phytoplankton biomass, 8.4 Water quality: phytoplankton composition, 8.5 Water quality: attached algal biomass, 8.6 Water quality: macrophyte status, 9 Acidification status, 10 Water colour, 11 Dissolved organic carbon (DOC), 12 Turbidity, 13 Fringing habitat: area	PA17 Agricultural activities generating pollution to surface or ground waters (including marine)	High	MA10 Reduce/eliminate point or diffuse source pollution to surface or ground waters (including marine) from agricultural activities	Contractual	Prohibition of reseeding or drainage works in lands participating in in Agri-Climate Rural Environment Scheme (ACRES) conservation actions for management of intensive grassland next to a watercourse (<7% of terrestrial SAC area).	Agri-Climate Rural Environment Scheme (ACRES)	Department of Agriculture, Food and the Marine (DAFM)	2022	CAP Strategic Plan
	1 Habitat Area, 2 Habitat distribution, 3 Typical species, 4 Vegetation composition: characteristic zonation, 5 Vegetation distribution: maximum depth, 6 Hydrological regime, 7 Lake substratum quality, 8.1 Water quality: transparency, 8.2 Water quality: nutrients, 8.3 Water quality: phytoplankton biomass, 8.4 Water quality: phytoplankton composition, 8.5 Water quality: attached algal biomass, 8.6 Water quality: macrophyte status, 9 Acidification status, 10 Water colour, 11 Dissolved organic carbon (DOC), 12 Turbidity, 13 Fringing habitat: area	PA17 Agricultural activities generating pollution to surface or ground waters (including marine)	High	MA10 Reduce/eliminate point or diffuse source pollution to surface or ground waters (including marine) from agricultural activities	Contractual	Prohibition of application of chemical or organic fertiliser in lands participating in in Agri-Climate Rural Environment Scheme (ACRES) conservation actions for management of intensive grassland next to a watercourse (<7% of terrestrial SAC area).	Agri-Climate Rural Environment Scheme (ACRES)	Department of Agriculture, Food and the Marine (DAFM)	2022	CAP Strategic Plan
	1 Habitat Area, 2 Habitat distribution, 3 Typical species, 4 Vegetation composition: characteristic zonation, 5 Vegetation distribution: maximum depth, 6 Hydrological regime, 7 Lake substratum quality, 8.1 Water quality: transparency, 8.2 Water quality: nutrients, 8.3 Water quality: phytoplankton biomass, 8.4 Water quality: phytoplankton composition, 8.5 Water quality: attached algal biomass, 8.6 Water quality: macrophyte status, 9 Acidification status, 10 Water colour, 11 Dissolved organic carbon (DOC), 12 Turbidity, 13 Fringing habitat: area	PA17 Agricultural activities generating pollution to surface or ground waters (including marine)	High	MA10 Reduce/eliminate point or diffuse source pollution to surface or ground waters (including marine) from agricultural activities	Contractual	Requirement that lands participating in in Agri-Climate Rural Environment Scheme (ACRES) conservation actions for management of intensive grassland next to a watercourse (<7% of terrestrial SAC area) be stock proof.	Agri-Climate Rural Environment Scheme (ACRES)	Department of Agriculture, Food and the Marine (DAFM)	2022	CAP Strategic Plan
	1 Habitat Area, 2 Habitat distribution, 3 Typical species, 4 Vegetation composition: characteristic zonation, 5 Vegetation distribution: maximum depth, 6 Hydrological regime, 7 Lake substratum quality, 8.1 Water quality: transparency, 8.2 Water quality: nutrients, 8.3 Water quality: phytoplankton biomass, 8.4 Water quality: phytoplankton composition, 8.5 Water quality: attached algal biomass, 8.6 Water quality: macrophyte status, 9 Acidification status, 10 Water colour, 11 Dissolved organic carbon (DOC), 12 Turbidity, 13 Fringing habitat: area	PA17 Agricultural activities generating pollution to surface or ground waters (including marine)	High	MA10 Reduce/eliminate point or diffuse source pollution to surface or ground waters (including marine) from agricultural activities	Contractual	Prohibition of pesticides and herbicides, except for the spot treatment of noxious/invasive weeds, in lands participating in in Agri-Climate Rural Environment Scheme (ACRES) conservation actions for management of intensive grassland next to a watercourse (<7% of terrestrial SAC area).	Agri-Climate Rural Environment Scheme (ACRES)	Department of Agriculture, Food and the Marine (DAFM)	2022	CAP Strategic Plan
	1 Habitat Area, 2 Habitat distribution, 3 Typical species, 4 Vegetation composition: characteristic zonation, 5 Vegetation distribution: maximum depth, 6 Hydrological regime, 7 Lake substratum quality, 8.1 Water quality: transparency, 8.2 Water quality: nutrients, 8.3 Water quality: phytoplankton biomass, 8.4 Water quality: phytoplankton composition, 8.5 Water quality: attached algal biomass, 8.6 Water quality: macrophyte status, 9 Acidification status, 10 Water colour, 11 Dissolved organic carbon (DOC), 12 Turbidity, 13 Fringing habitat: area	PA17 Agricultural activities generating pollution to surface or ground waters (including marine)	High	MA10 Reduce/eliminate point or diffuse source pollution to surface or ground waters (including marine) from agricultural activities	Contractual	Prohibition of machinery operations from April to June each year in lands participating in in Agri-Climate Rural Environment Scheme (ACRES) conservation actions for management of intensive grassland next to a watercourse (<7% of terrestrial SAC area).	Agri-Climate Rural Environment Scheme (ACRES)	Department of Agriculture, Food and the Marine (DAFM)	2022	CAP Strategic Plan
	1 Habitat Area, 2 Habitat distribution, 3 Typical species, 4 Vegetation composition: characteristic zonation, 5 Vegetation distribution: maximum depth, 6 Hydrological regime, 7 Lake substratum quality, 8.1 Water quality: transparency, 8.2 Water quality: nutrients, 8.3 Water quality: phytoplankton biomass, 8.4 Water quality: phytoplankton composition, 8.5 Water quality: attached algal biomass, 8.6 Water quality: macrophyte status, 9 Acidification status, 10 Water colour, 11 Dissolved organic carbon (DOC), 12 Turbidity, 13 Fringing habitat: area	PA17 Agricultural activities generating pollution to surface or ground waters (including marine)	High	MA10 Reduce/eliminate point or diffuse source pollution to surface or ground waters (including marine) from agricultural activities	Contractual	Prohibition on livestock and machinery between October 1st and March 31st in lands participating in Agri-Climate Rural Environment Scheme (ACRES) conservation actions for geese and swan (<7% of terrestrial SAC area).	Agri-Climate Rural Environment Scheme (ACRES)	Department of Agriculture, Food and the Marine (DAFM)	2022	CAP Strategic Plan

Site name: Lough Forbes Complex SAC 1818
Habitat/Species: Alluvial forests with *Alnus glutinosa* and *Fraxinus excelsior* [91E0]
(SSCO): To restore the favourable conservation condition of [91E0] in SAC1818

No.	Ecological Requirements (Attributes as per SSCO)	Pressure /Threat (EU Code 2025)	Pressure/ Threat Ranking	EU Conservation Measure Type (EU Code 2019-2024)	Measure Category	Conservation Measure	Delivery mechanism	Public Authority with statutory responsibility	Implementation timeframe	Integration with high level plans/policy:
	1 Habitat Area, 2 Habitat distribution, 3 Typical species, 4 Vegetation composition; characteristic zonation, 5 Vegetation distribution: maximum depth, 6 Hydrological regime, 7 Lake substratum quality, 8.1 Water quality: transparency, 8.2 Water quality: nutrients, 8.3 Water quality: phytoplankton biomass, 8.4 Water quality: phytoplankton composition, 8.5 Water quality: attached algal biomass, 8.6 Water quality: macrophyte status, 9 Acidification status, 10 Water colour, 11 Dissolved organic carbon (DOC), 12 Turbidity, 13 Fringing habitat: area	PA17 Agricultural activities generating pollution to surface or ground waters (including marine)	High	MA10 Reduce/eliminate point or diffuse source pollution to surface or ground waters (including marine) from agricultural activities	Statutory	Consent is required prior to applying inorganic or organic fertiliser, including slurry and farmyard manure to the site [Consent is not required for these activities on established reseeded grassland or cultivated land provided it is greater than 20m from a river, stream or floodplain; or greater than 50m from a wetland, lake, turlough or pond.], if not covered by other regulations.	European Union Habitats (Lough Forbes Complex, Special Area of Conservation 001818) Regulations, 2017.	Department of Housing, Local Government and Heritage (DHLGH)/National Parks and Wildlife Service (NPWS)	1997	All government plans and policy documents are cognisant of these protections
	1 Habitat Area, 2 Habitat distribution, 3 Typical species, 4 Vegetation composition; characteristic zonation, 5 Vegetation distribution: maximum depth, 6 Hydrological regime, 7 Lake substratum quality, 8.1 Water quality: transparency, 8.2 Water quality: nutrients, 8.3 Water quality: phytoplankton biomass, 8.4 Water quality: phytoplankton composition, 8.5 Water quality: attached algal biomass, 8.6 Water quality: macrophyte status, 9 Acidification status, 10 Water colour, 11 Dissolved organic carbon (DOC), 12 Turbidity, 13 Fringing habitat: area	PA17 Agricultural activities generating pollution to surface or ground waters (including marine)	High	MA10 Reduce/eliminate point or diffuse source pollution to surface or ground waters (including marine) from agricultural activities	Statutory	Consent is required for application of pesticides, including herbicides, if not covered by other regulations. [Consent is not required for these activities on established reseeded grassland or cultivated land provided it is greater than 20m from a river, stream or floodplain; or greater than 50m from a wetland, lake, turlough or pond].	European Union Habitats (Lough Forbes Complex, Special Area of Conservation 001818) Regulations, 2017.	Department of Housing, Local Government and Heritage (DHLGH)/National Parks and Wildlife Service (NPWS)	1997	All government plans and policy documents are cognisant of these protections
	1 . Habitat Area, 2. Habitat distribution, 3. Typical species, 4. Vegetation composition: characteristic zonation, 5 Vegetation distribution: maximum depth, 6. Hydrological regime, 7. Lake substratum quality, 8.1 Water quality: transparency, 8.2 Water quality: nutrients, 8.3 Water quality: phytoplankton biomass, 8.4 Water quality: phytoplankton composition, 8.5 Water quality: attached algal biomass, 8.6 Water quality: macrophyte status, 9. Acidification status, 10. Water colour, 11. Dissolved organic carbon (DOC), 12. Turbidity, 13. Fringing habitat: area	PA17 Agricultural activities generating pollution to surface or ground waters (including marine)	High	MA10 Reduce/eliminate point or diffuse source pollution to surface or ground waters (including marine) from agricultural activities	Statutory	Consent is required for supplementary feeding of livestock, if not covered by other regulations. [Consent is not required for this activity on established reseeded grassland or cultivated land provided it is greater than 20m from a river, stream or floodplain; or greater than 50m from a wetland, lake, turlough or pond.]	European Union Habitats (Lough Forbes Complex, Special Area of Conservation 001818) Regulations, 2017.	Department of Housing, Local Government and Heritage (DHLGH)/National Parks and Wildlife Service (NPWS)	1997	All government plans and policy documents are cognisant of these protections
	1 Habitat Area, 2 Habitat distribution, 3 Typical species, 4 Vegetation composition; characteristic zonation, 5 Vegetation distribution: maximum depth, 6 Hydrological regime, 7 Lake substratum quality, 8.1 Water quality: transparency, 8.2 Water quality: nutrients, 8.3 Water quality: phytoplankton biomass, 8.4 Water quality: phytoplankton composition, 8.5 Water quality: attached algal biomass, 8.6 Water quality: macrophyte status, 9 Acidification status, 10 Water colour, 11 Dissolved organic carbon (DOC), 12 Turbidity, 13 Fringing habitat: area	PA17 Agricultural activities generating pollution to surface or ground waters (including marine)	High	MA10 Reduce/eliminate point or diffuse source pollution to surface or ground waters (including marine) from agricultural activities	Statutory	Consent is required for digging, ploughing, harrowing or otherwise disturbing soil or substrate, if not covered by other regulations. [Consent is not required for these activities on established reseeded grassland or cultivated land provided it is greater than 50m from a river, stream, floodplain, wetland, lake, turlough or pond.]	European Union Habitats (Lough Forbes Complex, Special Area of Conservation 001818) Regulations, 2017.	Department of Housing, Local Government and Heritage (DHLGH)/National Parks and Wildlife Service (NPWS)	1997	All government plans and policy documents are cognisant of these protections
	1 Habitat Area, 2 Habitat distribution, 3 Typical species, 4 Vegetation composition; characteristic zonation, 5 Vegetation distribution: maximum depth, 6 Hydrological regime, 7 Lake substratum quality, 8.1 Water quality: transparency, 8.2 Water quality: nutrients, 8.3 Water quality: phytoplankton biomass, 8.4 Water quality: phytoplankton composition, 8.5 Water quality: attached algal biomass, 8.6 Water quality: macrophyte status, 9 Acidification status, 10 Water colour, 11 Dissolved organic carbon (DOC), 12 Turbidity, 13 Fringing habitat: area	PB19 Forestry activities generating pollution to surface or ground waters (including marine)	High	MB10 Reduce diffuse or point source pollution to surface or ground waters (incl. marine) from forestry activities	Statutory	Consent is required for the planting of trees or multi-annual bioenergy crops, if not covered by other regulations.	European Union Habitats (Lough Forbes Complex, Special Area of Conservation 001818) Regulations, 2017.	Department of Housing, Local Government and Heritage (DHLGH)/National Parks and Wildlife Service (NPWS)	1997	All government plans and policy documents are cognisant of these protections
	1 Habitat Area, 2 Habitat distribution, 3 Typical species, 4 Vegetation composition; characteristic zonation, 5 Vegetation distribution: maximum depth, 6 Hydrological regime, 7 Lake substratum quality, 8.1 Water quality: transparency, 8.2 Water quality: nutrients, 8.3 Water quality: phytoplankton biomass, 8.4 Water quality: phytoplankton composition, 8.5 Water quality: attached algal biomass, 8.6 Water quality: macrophyte status, 9 Acidification status, 10 Water colour, 11 Dissolved organic carbon (DOC), 12 Turbidity, 13 Fringing habitat: area	PF07 Residential and commercial activities and structures generating pollution to surface or ground waters	High	MF04 Reduce/eliminate pollution to surface or ground waters from commercial, residential and recreational areas and activities, and from industrial activities and structures	Statutory	Consent is required for developing or consenting to the development or operation of commercial recreational/visitor facilities or organised recreational activities, if not covered by other regulations.	European Union Habitats (Lough Forbes Complex, Special Area of Conservation 001818) Regulations, 2017.	Department of Housing, Local Government and Heritage (DHLGH)/National Parks and Wildlife Service (NPWS)	1997	All government plans and policy documents are cognisant of these protections

Site name: Lough Forbes Complex SAC 1818
Habitat/Species: Alluvial forests with *Alnus glutinosa* and *Fraxinus excelsior* [91E0]
(SSCO): To restore the favourable conservation condition of [91E0] in SAC1818

No.	Ecological Requirements (Attributes as per SSCO)	Pressure /Threat (EU Code 2025)	Pressure/ Threat Ranking	EU Conservation Measure Type (EU Code 2019-2024)	Measure Category	Conservation Measure	Delivery mechanism	Public Authority with statutory responsibility	Implementation timeframe	Integration with high level plans/policy:
	1 Habitat Area, 2 Habitat distribution, 3 Typical species, 4 Vegetation composition: characteristic zonation, 5 Vegetation distribution: maximum depth, 6 Hydrological regime, 7 Lake substratum quality, 8.1 Water quality: transparency, 8.2 Water quality: nutrients, 8.3 Water quality: phytoplankton biomass, 8.4 Water quality: phytoplankton composition, 8.5 Water quality: attached algal biomass, 8.6 Water quality: macrophyte status, 9 Acidification status, 10 Water colour, 11 Dissolved organic carbon (DOC), 12 Turbidity, 13 Fringing habitat: area	PL05 Modification of hydrological flow	High	MC12 Manage water abstraction for resource extraction and energy production	Statutory	Planning, regulation and constraint of development with regard to water abstraction requirements and volumes. Registration of water abstraction is required for daily maximum which is greater than 25 cubic meters per day.	European Union (Water Policy) (Abstractions Registration) Regulations 2018	Uisce Éireann (Operator) / EPA	2018	All government plans and policy documents are cognisant of these protections
	1 . Habitat Area, 2. Habitat distribution, 3. Typical species, 4. Vegetation composition: characteristic zonation, 5 Vegetation distribution: maximum depth, 6. Hydrological regime, 7. Lake substratum quality, 8.1 Water quality: transparency, 8.2 Water quality: nutrients, 8.3 Water quality: phytoplankton biomass, 8.4 Water quality: phytoplankton composition, 8.5 Water quality: attached algal biomass, 8.6 Water quality: macrophyte status, 9. Acidification status, 10. Water colour, 11. Dissolved organic carbon (DOC), 12. Turbidity, 13. Fringing habitat: area	PL06 Physical alteration of water bodies	Medium	MC12 Manage water abstraction for resource extraction and energy production	Statutory	Regulation of Water Abstraction at rates > 25,000 litres/day	Water Environment (Abstractions and Associated Impoundments) Regulations 2024	Uisce Éireann (Operator) / EPA	2024+	All government plans and policy documents are cognisant of these protections
	1 Habitat Area, 2 Habitat distribution, 3 Typical species, 4 Vegetation composition: characteristic zonation, 5 Vegetation distribution: maximum depth, 6 Hydrological regime, 7 Lake substratum quality, 8.1 Water quality: transparency, 8.2 Water quality: nutrients, 8.3 Water quality: phytoplankton biomass, 8.4 Water quality: phytoplankton composition, 8.5 Water quality: attached algal biomass, 8.6 Water quality: macrophyte status, 9 Acidification status, 10 Water colour, 11 Dissolved organic carbon (DOC), 12 Turbidity, 13 Fringing habitat: area	PF08 Industrial activities and structures generating pollution to surface or ground waters	Medium	MF04 Reduce/eliminate pollution to surface or ground waters from commercial, residential and recreational areas and activities, and from industrial activities and structures	Statutory	Consent is required for construction or alteration of tracks, paths, roads, bridges, culverts or access routes, if not covered by other regulations.	European Union Habitats (Lough Forbes Complex, Special Area of Conservation 001818) Regulations, 2017.	Department of Housing, Local Government and Heritage (DHLGH)/National Parks and Wildlife Service (NPWS)	1997	All government plans and policy documents are cognisant of these protections
	1 Habitat Area, 2 Habitat distribution, 3 Typical species, 4 Vegetation composition: characteristic zonation, 5 Vegetation distribution: maximum depth, 6 Hydrological regime, 7 Lake substratum quality, 8.1 Water quality: transparency, 8.2 Water quality: nutrients, 8.3 Water quality: phytoplankton biomass, 8.4 Water quality: phytoplankton composition, 8.5 Water quality: attached algal biomass, 8.6 Water quality: macrophyte status, 9 Acidification status, 10 Water colour, 11 Dissolved organic carbon (DOC), 12 Turbidity, 13 Fringing habitat: area	All/Other Relevant Threats and Pressures	N/A	MH03 Reduce impact of other specific human activities	Statutory	Control of activities, if not covered by other regulations, which could negatively impact on this SAC.	European Union Habitats (Lough Forbes Complex, Special Area of Conservation 001818) Regulations, 2017.	Department of Housing, Local Government and Heritage (DHLGH)/National Parks and Wildlife Service (NPWS)	1997	All government plans and policy documents are cognisant of these protections
	1 Habitat Area, 2 Habitat distribution, 3 Typical species, 4 Vegetation composition: characteristic zonation, 5 Vegetation distribution: maximum depth, 6 Hydrological regime, 7 Lake substratum quality, 8.1 Water quality: transparency, 8.2 Water quality: nutrients, 8.3 Water quality: phytoplankton biomass, 8.4 Water quality: phytoplankton composition, 8.5 Water quality: attached algal biomass, 8.6 Water quality: macrophyte status, 9 Acidification status, 10 Water colour, 11 Dissolved organic carbon (DOC), 12 Turbidity, 13 Fringing habitat: area	All/Other Relevant Threats and Pressures	N/A	MF08 Manage changes in hydrological and coastal systems and regimes for construction and development (incl. restoration of habitats.	Statutory	Regulation controlling unconsented development at this site.	Planning and Development Act 2000, as amended.	Local Authority/An Coimisiún Pleanála	2000+	All government plans and policy documents are cognisant of these protections.
	1 Habitat Area, 2 Habitat distribution, 3 Typical species, 4 Vegetation composition: characteristic zonation, 5 Vegetation distribution: maximum depth, 6 Hydrological regime, 7 Lake substratum quality, 8.1 Water quality: transparency, 8.2 Water quality: nutrients, 8.3 Water quality: phytoplankton biomass, 8.4 Water quality: phytoplankton composition, 8.5 Water quality: attached algal biomass, 8.6 Water quality: macrophyte status, 9 Acidification status, 10 Water colour, 11 Dissolved organic carbon (DOC), 12 Turbidity, 13 Fringing habitat: area	All/Other Relevant Threats and Pressures	N/A	MJ01 Implement climate change mitigation measures, MJ02 Implement climate change adaptation measures	Administrative	A roadmap of actions to assist in the achievement of climate change objectives by no later than the end of the year 2050.	Ireland's Climate Action Plan	All Government Departments	2019+	Climate Action and Low Carbon Development (Amendment) Act 2021

<div>Site name: Lough Forbes Complex SAC 1818</div> <div>Habitat/Species: Alluvial forests with <i>Alnus glutinosa</i> and <i>Fraxinus excelsior</i> [91E0]</div> <div>(SSCO): To restore the favourable conservation condition of [91E0] in SAC1818</div>										
No.	Ecological Requirements (Attributes as per SSCO)	Pressure /Threat (EU Code 2025)	Pressure/ Threat Ranking	EU Conservation Measure Type (EU Code 2019-2024)	Measure Category	Conservation Measure	Delivery mechanism	Public Authority with statutory responsibility	Implementation timeframe	Integration with high level plans/policy:
	1 Habitat Area, 2 Habitat distribution, 3 Typical species, 4 Vegetation composition: characteristic zonation, 5 Vegetation distribution: maximum depth, 6 Hydrological regime, 7 Lake substratum quality, 8.1 Water quality: transparency, 8.2 Water quality: nutrients, 8.3 Water quality: phytoplankton biomass, 8.4 Water quality: phytoplankton composition, 8.5 Water quality: attached algal biomass, 8.6 Water quality: macrophyte status, 9 Acidification status, 10 Water colour, 11 Dissolved organic carbon (DOC), 12 Turbidity, 13 Fringing habitat: area	All/Other Relevant Threats and Pressures	N/A	MA - Measures related to agricultural practices and agriculture-related habitats	Contractual	80% uptake of eligible participants (44) in the voluntary Agri-Climate Rural Environment Scheme (ACRES).	Agri-Climate Rural Environment Scheme (ACRES)	Department of Agriculture, Food and the Marine (DAFM)	2022	CAP Strategic Plan
	1 Habitat Area, 2 Habitat distribution, 3 Typical species, 4 Vegetation composition: characteristic zonation, 5 Vegetation distribution: maximum depth, 6 Hydrological regime, 7 Lake substratum quality, 8.1 Water quality: transparency, 8.2 Water quality: nutrients, 8.3 Water quality: phytoplankton biomass, 8.4 Water quality: phytoplankton composition, 8.5 Water quality: attached algal biomass, 8.6 Water quality: macrophyte status, 9 Acidification status, 10 Water colour, 11 Dissolved organic carbon (DOC), 12 Turbidity, 13 Fringing habitat: area	All/Other Relevant Threats and Pressures	N/A	MA - Measures related to agricultural practices and agriculture-related habitats	Contractual	Production of an accredited Farm Sustainability Plan by 100% of participants in the Agri-Climate Rural Environmental Scheme (ACRES).	Agri-Climate Rural Environment Scheme (ACRES)	Department of Agriculture, Food and the Marine (DAFM)	2022	CAP Strategic Plan
	1 Habitat Area, 2 Habitat distribution, 3 Typical species, 4 Vegetation composition: characteristic zonation, 5 Vegetation distribution: maximum depth, 6 Hydrological regime, 7 Lake substratum quality, 8.1 Water quality: transparency, 8.2 Water quality: nutrients, 8.3 Water quality: phytoplankton biomass, 8.4 Water quality: phytoplankton composition, 8.5 Water quality: attached algal biomass, 8.6 Water quality: macrophyte status, 9 Acidification status, 10 Water colour, 11 Dissolved organic carbon (DOC), 12 Turbidity, 13 Fringing habitat: area	All/Other Relevant Threats and Pressures	N/A	MA05 Adapt mowing, grazing and other equivalent agricultural activities (e.g. burning);	Contractual	Mowing restrictions (mowing not permitted between March 15th and July 1st) in lands participating in Agri-Climate Rural Environment Scheme (ACRES) conservation actions for extensively grazed pasture (<7% of terrestrial SAC area).	Agri-Climate Rural Environment Scheme (ACRES)	Department of Agriculture, Food and the Marine (DAFM)	2022	CAP Strategic Plan
	1 Habitat Area, 2 Habitat distribution, 3 Typical species, 4 Vegetation composition: characteristic zonation, 5 Vegetation distribution: maximum depth, 6 Hydrological regime, 7 Lake substratum quality, 8.1 Water quality: transparency, 8.2 Water quality: nutrients, 8.3 Water quality: phytoplankton biomass, 8.4 Water quality: phytoplankton composition, 8.5 Water quality: attached algal biomass, 8.6 Water quality: macrophyte status, 9 Acidification status, 10 Water colour, 11 Dissolved organic carbon (DOC), 12 Turbidity, 13 Fringing habitat: area	All/Other Relevant Threats and Pressures	N/A	MA03 Maintain existing extensive agricultural practices and agricultural landscape features	Contractual	Maintenance of a diverse sward with open vegetation by grazing in lands participating in Agri-Climate Rural Environment Scheme (ACRES) conservation actions for extensively grazed pasture (<7% of terrestrial SAC area).	Agri-Climate Rural Environment Scheme (ACRES)	Department of Agriculture, Food and the Marine (DAFM)	2022	CAP Strategic Plan
	1 Habitat Area, 2 Habitat distribution, 3 Typical species, 4 Vegetation composition: characteristic zonation, 5 Vegetation distribution: maximum depth, 6 Hydrological regime, 7 Lake substratum quality, 8.1 Water quality: transparency, 8.2 Water quality: nutrients, 8.3 Water quality: phytoplankton biomass, 8.4 Water quality: phytoplankton composition, 8.5 Water quality: attached algal biomass, 8.6 Water quality: macrophyte status, 9 Acidification status, 10 Water colour, 11 Dissolved organic carbon (DOC), 12 Turbidity, 13 Fringing habitat: area	All/Other Relevant Threats and Pressures	N/A	MA - Measures related to agricultural practices and agriculture-related habitats	Contractual	At least four grass species (excluding ryegrasses) or a mosaic of acid grassland and heath with varying levels of grazable woody forage plants required in lands participating in Agri-Climate Rural Environment Scheme (ACRES) conservation actions for extensively grazed pasture (<7% of terrestrial SAC area).	Agri-Climate Rural Environment Scheme (ACRES)	Department of Agriculture, Food and the Marine (DAFM)	2022	CAP Strategic Plan
	1 Habitat Area, 2 Habitat distribution, 3 Typical species, 4 Vegetation composition: characteristic zonation, 5 Vegetation distribution: maximum depth, 6 Hydrological regime, 7 Lake substratum quality, 8.1 Water quality: transparency, 8.2 Water quality: nutrients, 8.3 Water quality: phytoplankton biomass, 8.4 Water quality: phytoplankton composition, 8.5 Water quality: attached algal biomass, 8.6 Water quality: macrophyte status, 9 Acidification status, 10 Water colour, 11 Dissolved organic carbon (DOC), 12 Turbidity, 13 Fringing habitat: area	All/Other Relevant Threats and Pressures	N/A	MA03 Maintain existing extensive agricultural practices and agricultural landscape features	Contractual	Prohibition on cutting hedgerows below a height of 1.8 metres in lands participating in in Agri-Climate Rural Environment Scheme (ACRES) conservation actions for management of intensive grassland next to a watercourse (<7% of terrestrial SAC area).	Agri-Climate Rural Environment Scheme (ACRES)	Department of Agriculture, Food and the Marine (DAFM)	2022	CAP Strategic Plan

<div>Site name: Lough Forbes Complex SAC 1818</div> <div>Habitat/Species: Alluvial forests with <i>Alnus glutinosa</i> and <i>Fraxinus excelsior</i> [91E0]</div> <div>(SSCO): To restore the favourable conservation condition of [91E0] in SAC1818</div>										
No.	Ecological Requirements (Attributes as per SSCO)	Pressure /Threat (EU Code 2025)	Pressure/ Threat Ranking	EU Conservation Measure Type (EU Code 2019-2024)	Measure Category	Conservation Measure	Delivery mechanism	Public Authority with statutory responsibility	Implementation timeframe	Integration with high level plans/policy:
	1 Habitat Area, 2 Habitat distribution, 3 Typical species, 4 Vegetation composition: characteristic zonation, 5 Vegetation distribution: maximum depth, 6 Hydrological regime, 7 Lake substratum quality, 8.1 Water quality: transparency, 8.2 Water quality: nutrients, 8.3 Water quality: phytoplankton biomass, 8.4 Water quality: phytoplankton composition, 8.5 Water quality: attached algal biomass, 8.6 Water quality: macrophyte status, 9 Acidification status, 10 Water colour, 11 Dissolved organic carbon (DOC), 12 Turbidity, 13 Fringing habitat: area	All/Other Relevant Threats and Pressures	N/A	MA07 Restoration of Annex I agricultural habitats (incl. re-establish and improve)	Contractual	7% of terrestrial habitat in Lough Forbes Complex SAC is subject to conservation results based scoring of the habitat as part of the Agri-Climate Rural Environment Scheme (ACRES).	Agri-Climate Rural Environment Scheme (ACRES) Scorecards	Department of Agriculture, Food and the Marine (DAFM)	2022	CAP Strategic Plan
	1 Habitat Area, 2 Habitat distribution, 3 Typical species, 4 Vegetation composition: characteristic zonation, 5 Vegetation distribution: maximum depth, 6 Hydrological regime, 7 Lake substratum quality, 8.1 Water quality: transparency, 8.2 Water quality: nutrients, 8.3 Water quality: phytoplankton biomass, 8.4 Water quality: phytoplankton composition, 8.5 Water quality: attached algal biomass, 8.6 Water quality: macrophyte status, 9 Acidification status, 10 Water colour, 11 Dissolved organic carbon (DOC), 12 Turbidity, 13 Fringing habitat: area	All/Other Relevant Threats and Pressures	N/A	MA - Measures related to agricultural practices and agriculture-related habitats	Administrative/Contractual	The production of NPWS Farm Plans Lough Forbes Complex SAC. This includes 12 Plots covering approx. 18 HA within the SAC	NPWS Farm Plan Scheme	National Parks and Wildlife (NPWS)	2006+	European Communities (Birds and Natural Habitats Regulations) 2011
	1 Habitat Area, 2 Habitat distribution, 3 Typical species, 4 Vegetation composition: characteristic zonation, 5 Vegetation distribution: maximum depth, 6 Hydrological regime, 7 Lake substratum quality, 8.1 Water quality: transparency, 8.2 Water quality: nutrients, 8.3 Water quality: phytoplankton biomass, 8.4 Water quality: phytoplankton composition, 8.5 Water quality: attached algal biomass, 8.6 Water quality: macrophyte status, 9 Acidification status, 10 Water colour, 11 Dissolved organic carbon (DOC), 12 Turbidity, 13 Fringing habitat: area	All/Other Relevant Threats and Pressures	N/A	MH03 Reduce impact of other specific human activities	Administrative	Monitoring at this site by regional staff on a weekly basis.	NPWS Conservation Measure	National Parks and Wildlife (NPWS)	2025+	All government plans and policy documents are cognisant of these protections.
	1. Habitat area, 2. Habitat Distribution, 3. High Bog Area, 4.1 Hydrological regime - water levels, 4.2 Hydrological regime - flow patterns, 5. Transitional areas between high bog and adjacent mineral soils (including cutover areas), 6.1 Vegetation quality: central ecotype, active flush, soaks, bog woodland, 6.2 Vegetation quality: microtopographical features, 6.3 Vegetation quality: bog moss (Sphagnum) species, 7.1 Typical ARB species: flora, 7.2 Typical ARB species: fauna, 8. Elements of local distinctiveness 9. Negative physical indicators, 10.1 Vegetation composition: native negative indicator species, 10.2 Vegetation composition: nonnative invasive species, 11 Air Quality, 12 Water quality.	PL02 Drainage (mixed or unknown drivers)	Medium	MA - Measures related to agricultural practices and agriculture-related habitats	Administrative	Monitoring and reporting of relevant farm activity at the SAC. Direct inspections for DAFM Conditionality compliance or via other state Authorities (via Cross Reporting) to Integrated Controls Division in DAFM.	DAFM BISS Conditionality Farm inspection's - NPWS Conservation Ranger Site monitoring. (Cross Compliance).	Department of Agriculture, Food and the Marine (DAFM)	2022+	CAP Strategic Plan
	1. Habitat area, 2. Habitat Distribution, 3. High Bog Area, 4.1 Hydrological regime - water levels, 4.2 Hydrological regime - flow patterns, 5. Transitional areas between high bog and adjacent mineral soils (including cutover areas), 6.1 Vegetation quality: central ecotype, active flush, soaks, bog woodland, 6.2 Vegetation quality: microtopographical features, 6.3 Vegetation quality: bog moss (Sphagnum) species, 7.1 Typical ARB species: flora, 7.2 Typical ARB species: fauna, 8. Elements of local distinctiveness 9. Negative physical indicators, 10.1 Vegetation composition: native negative indicator species, 10.2 Vegetation composition: nonnative invasive species, 11 Air Quality, 12 Water quality.	PL02 Drainage (mixed or unknown drivers)	Medium	MA13 Manage agricultural drainage and water abstraction (incl. the restoration of drained or hydrologically altered habitats).	Statutory	Consent required for new land drainage and irrigation works on lands used for agriculture.	European Communities (Environmental Impact Assessment) (Agriculture) Regulations 2011.	Department of Agriculture, Food and the Marine (DAFM)	2011	All government plans and policy documents are cognisant of these protections

Site name: Lough Forbes Complex SAC 1818

Habitat/Species: Alluvial forests with *Alnus glutinosa* and *Fraxinus excelsior* [91E0]

(SSCO): To restore the favourable conservation condition of [91E0] in SAC1818

No.	Ecological Requirements (Attributes as per SSCO)	Pressure /Threat (EU Code 2025)	Pressure/ Threat Ranking	EU Conservation Measure Type (EU Code 2019-2024)	Measure Category	Conservation Measure	Delivery mechanism	Public Authority with statutory responsibility	Implementation timeframe	Integration with high level plans/policy:
	1. Habitat area, 2. Habitat Distribution, 3. High Bog Area, 4.1 Hydrological regime - water levels, 4.2 Hydrological regime - flow patterns, 5. Transitional areas between high bog and adjacent mineral soils (including cutover areas), 6.1 Vegetation quality: central ecotype, active flush, soaks, bog woodland, 6.2 Vegetation quality: microtopographical features, 6.3 Vegetation quality: bog moss (Sphagnum) species, 7.1 Typical ARB species: flora, 7.2 Typical ARB species: fauna, 8. Elements of local distinctiveness 9. Negative physical indicators, 10.1 Vegetation composition: native negative indicator species, 10.2 Vegetation composition: nonnative invasive species, 11 Air Quality, 12 Water quality.	PL02 Drainage (mixed or unknown drivers)	Medium	MF08 Manage changes in hydrological and coastal systems and regimes for construction and development (incl. restoration of habitats).	Contractual	Construction of dams (658) as per the SAC Restoration Plan.	Lough Forbes Complex SAC Restoration Plan	Department of Housing, Local Government and Heritage (DHLGH)/National Parks and Wildlife Service (NPWS)	2022+	National Raised Bog Special Areas of Conservation Management Plan 2017-2022
	1. Habitat area, 2. Habitat Distribution, 3. High Bog Area, 4.1 Hydrological regime - water levels, 4.2 Hydrological regime - flow patterns, 5. Transitional areas between high bog and adjacent mineral soils (including cutover areas), 6.1 Vegetation quality: central ecotype, active flush, soaks, bog woodland, 6.2 Vegetation quality: microtopographical features, 6.3 Vegetation quality: bog moss (Sphagnum) species, 7.1 Typical ARB species: flora, 7.2 Typical ARB species: fauna, 8. Elements of local distinctiveness 9. Negative physical indicators, 10.1 Vegetation composition: native negative indicator species, 10.2 Vegetation composition: nonnative invasive species, 11 Air Quality, 12 Water quality.	PL02 Drainage (mixed or unknown drivers)	Medium	MF08 Manage changes in hydrological and coastal systems and regimes for construction and development (incl. restoration of habitats).	Contractual	Blocking of drains (74km) as per the SAC Restoration Plan.	Lough Forbes Complex SAC Restoration Plan	Department of Housing, Local Government and Heritage (DHLGH)/National Parks and Wildlife Service (NPWS)	2022+	National Raised Bog Special Areas of Conservation Management Plan
	1. Habitat area, 2. Habitat Distribution, 3. High Bog Area, 4.1 Hydrological regime - water levels, 4.2 Hydrological regime - flow patterns, 5. Transitional areas between high bog and adjacent mineral soils (including cutover areas), 6.1 Vegetation quality: central ecotype, active flush, soaks, bog woodland, 6.2 Vegetation quality: microtopographical features, 6.3 Vegetation quality: bog moss (Sphagnum) species, 7.1 Typical ARB species: flora, 7.2 Typical ARB species: fauna, 8. Elements of local distinctiveness 9. Negative physical indicators, 10.1 Vegetation composition: native negative indicator species, 10.2 Vegetation composition: nonnative invasive species, 11 Air Quality, 12 Water quality.	PL02 Drainage (mixed or unknown drivers)	Medium	MF08 Manage changes in hydrological and coastal systems and regimes for construction and development (incl. restoration of habitats).	Contractual	Construction of bunds (11km) as per the SAC Restoration Plan.	Lough Forbes Complex SAC Restoration Plan	Department of Housing, Local Government and Heritage (DHLGH)/National Parks and Wildlife Service (NPWS)	2022+	National Raised Bog Special Areas of Conservation Management Plan 2017-2022
	1. Habitat area, 2. Habitat Distribution, 3. High Bog Area, 4.1 Hydrological regime - water levels, 4.2 Hydrological regime - flow patterns, 5. Transitional areas between high bog and adjacent mineral soils (including cutover areas), 6.1 Vegetation quality: central ecotype, active flush, soaks, bog woodland, 6.2 Vegetation quality: microtopographical features, 6.3 Vegetation quality: bog moss (Sphagnum) species, 7.1 Typical ARB species: flora, 7.2 Typical ARB species: fauna, 8. Elements of local distinctiveness 9. Negative physical indicators, 10.1 Vegetation composition: native negative indicator species, 10.2 Vegetation composition: nonnative invasive species, 11 Air Quality, 12 Water quality.	PL02 Drainage (mixed or unknown drivers)	Medium	MF08 Manage changes in hydrological and coastal systems and regimes for construction and development (incl. restoration of habitats).	Administrative	Production of a Drainage Management Plan for this SAC site.	Lough Forbes Complex SAC Restoration Plan	Department of Housing, Local Government and Heritage (DHLGH)/National Parks and Wildlife Service (NPWS)	2022+	National Raised Bog Special Areas of Conservation Management Plan 2017-2022

<div>Site name: Lough Forbes Complex SAC 1818</div> <div>Habitat/Species: Alluvial forests with <i>Alnus glutinosa</i> and <i>Fraxinus excelsior</i> [91E0]</div> <div>(SSCO): To restore the favourable conservation condition of [91E0] in SAC1818</div>										
No.	Ecological Requirements (Attributes as per SSCO)	Pressure /Threat (EU Code 2025)	Pressure/ Threat Ranking	EU Conservation Measure Type (EU Code 2019-2024)	Measure Category	Conservation Measure	Delivery mechanism	Public Authority with statutory responsibility	Implementation timeframe	Integration with high level plans/policy:
	1. Habitat area, 2. Habitat Distribution, 3. High Bog Area, 4.1 Hydrological regime - water levels, 4.2 Hydrological regime - flow patterns, 5. Transitional areas between high bog and adjacent mineral soils (including cutover areas), 6.1 Vegetation quality: central ecotype, active flush, soaks, bog woodland, 6.2 Vegetation quality: microtopographical features, 6.3 Vegetation quality: bog moss (Sphagnum) species, 7.1 Typical ARB species: flora, 7.2 Typical ARB species: fauna, 8. Elements of local distinctiveness 9. Negative physical indicators, 10.1 Vegetation composition: native negative indicator species, 10.2 Vegetation composition: nonnative invasive species, 11 Air Quality, 12 Water quality.	PL02 Drainage (mixed or unknown drivers)	Medium	MF08 Manage changes in hydrological and coastal systems and regimes for construction and development (incl. restoration of habitats).	Statutory	Consent is required for works on, or alterations to the banks, bed or flow of a drain watercourse or waterbody, if not covered by other regulations.	European Union Habitats (Lough Forbes Complex, Special Area of Conservation 001818) Regulations, 2017	Department of Housing, Local Government and Heritage (DHLGH)/National Parks and Wildlife Service (NPWS)	1997	All government plans and policy documents are cognisant of these protections.
	1. Habitat area, 2. Habitat Distribution, 3. High Bog Area, 4.1 Hydrological regime - water levels, 4.2 Hydrological regime - flow patterns, 5. Transitional areas between high bog and adjacent mineral soils (including cutover areas), 6.1 Vegetation quality: central ecotype, active flush, soaks, bog woodland, 6.2 Vegetation quality: microtopographical features, 6.3 Vegetation quality: bog moss (Sphagnum) species, 7.1 Typical ARB species: flora, 7.2 Typical ARB species: fauna, 8. Elements of local distinctiveness 9. Negative physical indicators, 10.1 Vegetation composition: native negative indicator species, 10.2 Vegetation composition: nonnative invasive species, 11 Air Quality, 12 Water quality.	PL02 Drainage (mixed or unknown drivers)	Medium	MF08 Manage changes in hydrological and coastal systems and regimes for construction and development (incl. restoration of habitats).	Statutory	Consent is required for digging, ploughing, harrowing or otherwise disturbing soil or substrate, if not covered by other regulations. [Consent is not required for these activities on established reseeded grassland or cultivated land provided it is greater than 50m from a river, stream, floodplain, wetland, lake, turlough or pond.]	European Union Habitats (Lough Forbes Complex, Special Area of Conservation 001818) Regulations, 2017	Department of Housing, Local Government and Heritage (DHLGH)/National Parks and Wildlife Service (NPWS)	1997	All government plans and policy documents are cognisant of these protections.
	1. Habitat area, 2. Habitat Distribution, 3. High Bog Area, 4.1 Hydrological regime - water levels, 4.2 Hydrological regime - flow patterns, 5. Transitional areas between high bog and adjacent mineral soils (including cutover areas), 6.1 Vegetation quality: central ecotype, active flush, soaks, bog woodland, 6.2 Vegetation quality: microtopographical features, 6.3 Vegetation quality: bog moss (Sphagnum) species, 7.1 Typical ARB species: flora, 7.2 Typical ARB species: fauna, 8. Elements of local distinctiveness 9. Negative physical indicators, 10.1 Vegetation composition: native negative indicator species, 10.2 Vegetation composition: nonnative invasive species, 11 Air Quality, 12 Water quality.	PL02 Drainage (mixed or unknown drivers)	Medium	MF08 Manage changes in hydrological and coastal systems and regimes for construction and development (incl. restoration of habitats).	Contractual	Construction of weirs (96) as per the SAC Restoration Plan.	Lough Forbes Complex SAC Restoration Plan	Department of Housing, Local Government and Heritage (DHLGH)/National Parks and Wildlife Service (NPWS)	2022+	National Raised Bog Special Areas of Conservation Management Plan 2017-2022
	1. Habitat area, 2. Habitat Distribution, 3. High Bog Area, 4.1 Hydrological regime - water levels, 4.2 Hydrological regime - flow patterns, 5. Transitional areas between high bog and adjacent mineral soils (including cutover areas), 6.1 Vegetation quality: central ecotype, active flush, soaks, bog woodland, 6.2 Vegetation quality: microtopographical features, 6.3 Vegetation quality: bog moss (Sphagnum) species, 7.1 Typical ARB species: flora, 7.2 Typical ARB species: fauna, 8. Elements of local distinctiveness 9. Negative physical indicators, 10.1 Vegetation composition: native negative indicator species, 10.2 Vegetation composition: nonnative invasive species, 11 Air Quality, 12 Water quality.	All/Other Relevant Threats and Pressures	N/A	MC01 Adapt/manage extraction of non-energy resources	Administrative/Contractual	The Voluntary Bog Purchase Scheme facilitates the state purchase of bog land/turbary rights. 2.806 acres of Freehold purchased in 1 transaction.	Voluntary Bog Purchase Scheme	Department of Housing, Local Government and Heritage (DHLGH)/National Parks and Wildlife Service (NPWS)	1999-2010	National Peatlands Strategy

<div>Site name: Lough Forbes Complex SAC 1818</div> <div>Habitat/Species: Alluvial forests with Alnus glutinosa and Fraxinus excelsior [91E0]</div> <div>(SSCO): To restore the favourable conservation condition of [91E0] in SAC1818</div>										
No.	Ecological Requirements (Attributes as per SSCO)	Pressure /Threat (EU Code 2025)	Pressure/ Threat Ranking	EU Conservation Measure Type (EU Code 2019-2024)	Measure Category	Conservation Measure	Delivery mechanism	Public Authority with statutory responsibility	Implementation timeframe	Integration with high level plans/policy:
	1. Habitat area, 2. Habitat Distribution, 3. High Bog Area, 4.1 Hydrological regime - water levels, 4.2 Hydrological regime - flow patterns, 5. Transitional areas between high bog and adjacent mineral soils (including cutover areas), 6.1 Vegetation quality: central ecotype, active flush, soaks, bog woodland, 6.2 Vegetation quality: microtopographical features, 6.3 Vegetation quality: bog moss (Sphagnum) species, 7.1 Typical ARB species: flora, 7.2 Typical ARB species: fauna, 8. Elements of local distinctiveness 9. Negative physical indicators, 10.1 Vegetation composition: native negative indicator species, 10.2 Vegetation composition: nonnative invasive species, 11 Air Quality, 12 Water quality.	All/Other Relevant Threats and Pressures	N/A	MC01 Adapt/manage extraction of non-energy resources	Statutory	Consent required for all activities relating to turf cutting and/or peat extraction if not covered by other regulations.	European Union Habitats (Lough Forbes Complex, Special Area of Conservation 001818) Regulations, 2017.	Department of Housing, Local Government and Heritage (DHLGH)/National Parks and Wildlife Service (NPWS)	1997	All government plans and policy documents are cognisant of these protections.
	1. Habitat area, 2. Habitat Distribution, 3. High Bog Area, 4.1 Hydrological regime - water levels, 4.2 Hydrological regime - flow patterns, 5. Transitional areas between high bog and adjacent mineral soils (including cutover areas), 6.1 Vegetation quality: central ecotype, active flush, soaks, bog woodland, 6.2 Vegetation quality: microtopographical features, 6.3 Vegetation quality: bog moss (Sphagnum) species, 7.1 Typical ARB species: flora, 7.2 Typical ARB species: fauna, 8. Elements of local distinctiveness 9. Negative physical indicators, 10.1 Vegetation composition: native negative indicator species, 10.2 Vegetation composition: nonnative invasive species, 11 Air Quality, 12 Water quality.	All/Other Relevant Threats and Pressures	N/A	MK03 Restoring freshwater, wetlands and coastal habitats impacted by multi-purpose hydrological modifications.	Administrative/Contractual	The Cessation of Turf Cutting Compensation Scheme (CTCCS) incentivises the cessation of peat extraction activity within raised bog SAC's There is currently no peat extraction at this site.. 1 person availed of the scheme.	The Cessation of Turf Cutting Compensation Scheme	Department of Housing, Local Government and Heritage (DHLGH)/National Parks and Wildlife Service (NPWS)	2011	National Peatlands Strategy
	1. Habitat area, 2. Habitat Distribution, 3. High Bog Area, 4.1 Hydrological regime - water levels, 4.2 Hydrological regime - flow patterns, 5. Transitional areas between high bog and adjacent mineral soils (including cutover areas), 6.1 Vegetation quality: central ecotype, active flush, soaks, bog woodland, 6.2 Vegetation quality: microtopographical features, 6.3 Vegetation quality: bog moss (Sphagnum) species, 7.1 Typical ARB species: flora, 7.2 Typical ARB species: fauna, 8. Elements of local distinctiveness 9. Negative physical indicators, 10.1 Vegetation composition: native negative indicator species, 10.2 Vegetation composition: nonnative invasive species, 11 Air Quality, 12 Water quality.	All/Other Relevant Threats and Pressures	N/A	MC02 Adapt/manage exploitation of energy resources	Administrative	The publication of a Restoration Plan for this site.	Lough Forbes Complex SAC Restoration Plan	Department of Housing, Local Government and Heritage (DHLGH)/National Parks and Wildlife Service (NPWS)	2022+	National Raised Bog Special Areas of Conservation Management Plan 2017-2022
	1. Habitat area, 2. Habitat Distribution, 3. High Bog Area, 4.1 Hydrological regime - water levels, 4.2 Hydrological regime - flow patterns, 5. Transitional areas between high bog and adjacent mineral soils (including cutover areas), 6.1 Vegetation quality: central ecotype, active flush, soaks, bog woodland, 6.2 Vegetation quality: microtopographical features, 6.3 Vegetation quality: bog moss (Sphagnum) species, 7.1 Typical ARB species: flora, 7.2 Typical ARB species: fauna, 8. Elements of local distinctiveness 9. Negative physical indicators, 10.1 Vegetation composition: native negative indicator species, 10.2 Vegetation composition: nonnative invasive species, 11 Air Quality, 12 Water quality.	All/Other Relevant Threats and Pressures	N/A	MC02 Adapt/manage exploitation of energy resources	Administrative	Production of a Fire Prevention Plan for this SAC site.	Lough Forbes Complex SAC Restoration Plan	Department of Housing, Local Government and Heritage (DHLGH)/National Parks and Wildlife Service (NPWS)	2022+	National Raised Bog Special Areas of Conservation Management Plan 2017-2022

<div>Site name: Lough Forbes Complex SAC 1818</div> <div>Habitat/Species: Alluvial forests with <i>Alnus glutinosa</i> and <i>Fraxinus excelsior</i> [91E0]</div> <div>(SSCO): To restore the favourable conservation condition of [91E0] in SAC1818</div>										
No.	Ecological Requirements (Attributes as per SSCO)	Pressure /Threat (EU Code 2025)	Pressure/ Threat Ranking	EU Conservation Measure Type (EU Code 2019-2024)	Measure Category	Conservation Measure	Delivery mechanism	Public Authority with statutory responsibility	Implementation timeframe	Integration with high level plans/policy:
	1. Habitat area, 2. Habitat Distribution, 3. High Bog Area, 4.1 Hydrological regime - water levels, 4.2 Hydrological regime - flow patterns, 5. Transitional areas between high bog and adjacent mineral soils (including cutover areas), 6.1 Vegetation quality: central ecotype, active flush, soaks, bog woodland, 6.2 Vegetation quality: microtopographical features, 6.3 Vegetation quality: bog moss (Sphagnum) species, 7.1 Typical ARB species: flora, 7.2 Typical ARB species: fauna, 8. Elements of local distinctiveness 9. Negative physical indicators, 10.1 Vegetation composition: native negative indicator species, 10.2 Vegetation composition: nonnative invasive species, 11 Air Quality, 12 Water quality.	All/Other Relevant Threats and Pressures	N/A	MC01 Adapt/manage extraction of non-energy resources	Statutory	Consent required for all activities relating to turf cutting and/or peat extraction if not covered by other regulations.	European Union Habitats (Lough Forbes Complex, Special Area of Conservation 001818) Regulations, 2017.	Department of Housing, Local Government and Heritage (DHLGH)/National Parks and Wildlife Service (NPWS)	1997	All government plans and policy documents are cognisant of these protections
	1. Habitat area, 2. Habitat Distribution, 3. High Bog Area, 4.1 Hydrological regime - water levels, 4.2 Hydrological regime - flow patterns, 5. Transitional areas between high bog and adjacent mineral soils (including cutover areas), 6.1 Vegetation quality: central ecotype, active flush, soaks, bog woodland, 6.2 Vegetation quality: microtopographical features, 6.3 Vegetation quality: bog moss (Sphagnum) species, 7.1 Typical ARB species: flora, 7.2 Typical ARB species: fauna, 8. Elements of local distinctiveness 9. Negative physical indicators, 10.1 Vegetation composition: native negative indicator species, 10.2 Vegetation composition: nonnative invasive species, 11 Air Quality, 12 Water quality.	All/Other Relevant Threats and Pressures	N/A	MH03 Reduce impact of other specific human activities	Statutory	Control of activities, if not covered by other regulations, which could negatively impact on this SAC.	European Union Habitats (Lough Forbes Complex, Special Area of Conservation 001818) Regulations, 2017.	Department of Housing, Local Government and Heritage (DHLGH)/National Parks and Wildlife Service (NPWS)	1997+	All government plans and policy documents are cognisant of these protections.
	1. Habitat area, 2. Habitat Distribution, 3. High Bog Area, 4.1 Hydrological regime - water levels, 4.2 Hydrological regime - flow patterns, 5. Transitional areas between high bog and adjacent mineral soils (including cutover areas), 6.1 Vegetation quality: central ecotype, active flush, soaks, bog woodland, 6.2 Vegetation quality: microtopographical features, 6.3 Vegetation quality: bog moss (Sphagnum) species, 7.1 Typical ARB species: flora, 7.2 Typical ARB species: fauna, 8. Elements of local distinctiveness 9. Negative physical indicators, 10.1 Vegetation composition: native negative indicator species, 10.2 Vegetation composition: nonnative invasive species, 11 Air Quality, 12 Water quality.	All/Other Relevant Threats and Pressures	N/A	MC01 Adapt/manage extraction of non-energy resources	Statutory	Regulation controlling unconsented development at this site.	Planning and Development Act 2000, as amended.	Local Authority/An Coimisiún Pleanála	2000+	All government plans and policy documents are cognisant of these protections
	1. Habitat area, 2. Habitat Distribution, 3. High Bog Area, 4.1 Hydrological regime - water levels, 4.2 Hydrological regime - flow patterns, 5. Transitional areas between high bog and adjacent mineral soils (including cutover areas), 6.1 Vegetation quality: central ecotype, active flush, soaks, bog woodland, 6.2 Vegetation quality: microtopographical features, 6.3 Vegetation quality: bog moss (Sphagnum) species, 7.1 Typical ARB species: flora, 7.2 Typical ARB species: fauna, 8. Elements of local distinctiveness 9. Negative physical indicators, 10.1 Vegetation composition: native negative indicator species, 10.2 Vegetation composition: nonnative invasive species, 11 Air Quality, 12 Water quality.	All/Other Relevant Threats and Pressures	N/A	MJ01 Implement climate change mitigation measures, MJ02 Implement climate change adaptation measures	Administrative	A roadmap of actions to assist in the achievement of climate change objectives by no later than the end of the year 2050.	Ireland's Climate Action Plan	All Government Departments	2019+	Climate Action and Low Carbon Development (Amendment) Act 2021

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No.	Ecological Requirements (Attributes as per SSCO)	Pressure /Threat (EU Code 2025)	Pressure/ Threat Ranking	EU Conservation Measure Type (EU Code 2019-2024)	Measure Category	Conservation Measure	Delivery mechanism	Public Authority with statutory responsibility	Implementation timeframe	Integration with high level plans/policy:
	1. Habitat area, 2. Habitat Distribution, 3. High Bog Area, 4.1 Hydrological regime - water levels, 4.2 Hydrological regime - flow patterns, 5. Transitional areas between high bog and adjacent mineral soils (including cutover areas), 6.1 Vegetation quality: central ecotype, active flush, soaks, bog woodland, 6.2 Vegetation quality: microtopographical features, 6.3 Vegetation quality: bog moss (Sphagnum) species, 7.1 Typical ARB species: flora, 7.2 Typical ARB species: fauna, 8. Elements of local distinctiveness 9. Negative physical indicators, 10.1 Vegetation composition: native negative indicator species, 10.2 Vegetation composition: nonnative invasive species, 11 Air Quality, 12 Water quality.	All/Other Relevant Threats and Pressures	N/A	MK03 Restoring freshwater, wetlands and coastal habitats impacted by multi-purpose hydrological modifications.	Administrative/Contractual	The Protected Raised Bog Restoration Incentive Scheme facilitates the restoration of lands within the SAC. 5 land purchases under this scheme within this site.	The Protected Raised Bog Restoration Incentive Scheme (PRBRIS)	Department of Housing, Local Government and Heritage (DHLGH)/National Parks and Wildlife Service (NPWS)	2021	National Raised Bog Special Areas of Conservation Management Plan 2017-2022
	1. Habitat Area, 2. Habitat Distribution, 3. Woodland Size, 4.1 Woodland structure: cover and height, 4.2 Woodland structure: community diversity and extent, 4.3 Woodland structure: natural regeneration, 4.4 Woodland structure: dead wood, 4.5 Woodland structure: veteran trees, 4.6 Woodland structure: indicators of local distinctiveness, 5. Hydrological regime: flooding depth/height of water table, 6.1 Vegetation composition: native tree cover, 6.2 Vegetation composition: typical species, 6.3 Vegetation composition: negative indicator species.	PI02 Other invasive alien species (other than species of Union concern)	High	MI03 Management, control or eradication of other invasive alien species	Administrative	Management of Invasive Species Ireland's through identification of species through an online mapping system which is managed by the National Biodiversity Data Centre, as part of the Shared Island Invasive Species Project.	Action on Invasive Online Mapping and reporting system	National Biodiversity Data Centre	2024	All government plans and policy documents are cognisant of these protections.
	1. Habitat Area, 2. Habitat Distribution, 3. Woodland Size, 4.1 Woodland structure: cover and height, 4.2 Woodland structure: community diversity and extent, 4.3 Woodland structure: natural regeneration, 4.4 Woodland structure: dead wood, 4.5 Woodland structure: veteran trees, 4.6 Woodland structure: indicators of local distinctiveness, 5. Hydrological regime: flooding depth/height of water table, 6.1 Vegetation composition: native tree cover, 6.2 Vegetation composition: typical species, 6.3 Vegetation composition: negative indicator species.	PI02 Other invasive alien species (other than species of Union concern)	High	MI03 Management, control or eradication of other invasive alien species	Statutory	Consent is required for the introduction or re-introduction, of plants or animals not found in the area, if not covered by other regulations. [Consent is not required for the planting of crops on established reseeded grassland or cultivated land.]	European Union Habitats (Lough Forbes Complex Special Area of Conservation 001818) Regulations 2017.	Department of Housing, Local Government and Heritage (DHLGH)/National Parks and Wildlife Service (NPWS)	1997	All government plans and policy documents are cognisant of these protections
	1. Habitat Area, 2. Habitat Distribution, 3. Woodland Size, 4.1 Woodland structure: cover and height, 4.2 Woodland structure: community diversity and extent, 4.3 Woodland structure: natural regeneration, 4.4 Woodland structure: dead wood, 4.5 Woodland structure: veteran trees, 4.6 Woodland structure: indicators of local distinctiveness, 5. Hydrological regime: flooding depth/height of water table, 6.1 Vegetation composition: native tree cover, 6.2 Vegetation composition: typical species, 6.3 Vegetation composition: negative indicator species.	PI02 Other invasive alien species (other than species of Union concern)	High	MI03 Management, control or eradication of other invasive alien species	Statutory	Consent is required for burning, topping, clearing scrub or rough vegetation or reseeded, if not covered by other regulations. [Consent is not required for these activities on established reseeded grassland or cultivated land provided it is greater than 20m from a river, stream or floodplain; or greater than 50m from a wetland, lake, turlough or pond.]	European Union Habitats (Lough Forbes Complex Special Area of Conservation 001818) Regulations 2017.	Department of Housing, Local Government and Heritage (DHLGH)/National Parks and Wildlife Service (NPWS)	1997	All government plans and policy documents are cognisant of these protections
	1. Habitat Area, 2. Habitat Distribution, 3. Woodland Size, 4.1 Woodland structure: cover and height, 4.2 Woodland structure: community diversity and extent, 4.3 Woodland structure: natural regeneration, 4.4 Woodland structure: dead wood, 4.5 Woodland structure: veteran trees, 4.6 Woodland structure: indicators of local distinctiveness, 5. Hydrological regime: flooding depth/height of water table, 6.1 Vegetation composition: native tree cover, 6.2 Vegetation composition: typical species, 6.3 Vegetation composition: negative indicator species.	PI02 Other invasive alien species (other than species of Union concern)	High	MI03 Management, control or eradication of other invasive alien species	Statutory	Consent is required for the planting of trees or multi-annual bioenergy crops, if not covered by other regulations.	European Union Habitats (Lough Forbes Complex Special Area of Conservation 001818) Regulations 2017.	Department of Housing, Local Government and Heritage (DHLGH)/National Parks and Wildlife Service (NPWS)	1997	All government plans and policy documents are cognisant of these protections

<div>Site name: Lough Forbes Complex SAC 1818</div> <div>Habitat/Species: Alluvial forests with <i>Alnus glutinosa</i> and <i>Fraxinus excelsior</i> [91E0]</div> <div>(SSCO): To restore the favourable conservation condition of [91E0] in SAC1818</div>										
No.	Ecological Requirements (Attributes as per SSCO)	Pressure /Threat (EU Code 2025)	Pressure/ Threat Ranking	EU Conservation Measure Type (EU Code 2019-2024)	Measure Category	Conservation Measure	Delivery mechanism	Public Authority with statutory responsibility	Implementation timeframe	Integration with high level plans/policy:
	1. Habitat Area, 2. Habitat Distribution, 3. Woodland Size, 4.1 Woodland structure: cover and height, 4.2 Woodland structure: community diversity and extent, 4.3 Woodland structure: natural regeneration, 4.4 Woodland structure: dead wood, 4.5 Woodland structure: veteran trees, 4.6 Woodland structure: indicators of local distinctiveness, 5. Hydrological regime: flooding depth/height of water table, 6.1 Vegetation composition: native tree cover, 6.2 Vegetation composition: typical species, 6.3 Vegetation composition: negative indicator species.	PI02 Other invasive alien species (other than species of Union concern)	High	MI03 Management, control or eradication of other invasive alien species	Statutory	Consent is required for cutting, uprooting or otherwise removing plants, if not covered by other regulations. [Consent is not required for harvesting of cultivated crops, or for grazing or mowing.]	European Union Habitats (Lough Forbes Complex, Special Area of Conservation 001818) Regulations, 2017.	Department of Housing, Local Government and Heritage (DHLGH)/National Parks and Wildlife Service (NPWS)	1997	All government plans and policy documents are cognisant of these protections
	1. Habitat Area, 2. Habitat Distribution, 3. Woodland Size, 4.1 Woodland structure: cover and height, 4.2 Woodland structure: community diversity and extent, 4.3 Woodland structure: natural regeneration, 4.4 Woodland structure: dead wood, 4.5 Woodland structure: veteran trees, 4.6 Woodland structure: indicators of local distinctiveness, 5. Hydrological regime: flooding depth/height of water table, 6.1 Vegetation composition: native tree cover, 6.2 Vegetation composition: typical species, 6.3 Vegetation composition: negative indicator species.	PI03 Problematic native species	Medium	MI05 Management of problematic native species	Administrative	Report into Developing a Sustainable Deer Management Strategy for Ireland.	Deer Management Strategy	Department of Housing, Local Government and Heritage (DHLGH)/National Parks and Wildlife Service (NPWS)	2023	All government plans and policy documents are cognisant of these protections
	1. Habitat Area, 2. Habitat Distribution, 3. Woodland Size, 4.1 Woodland structure: cover and height, 4.2 Woodland structure: community diversity and extent, 4.3 Woodland structure: natural regeneration, 4.4 Woodland structure: dead wood, 4.5 Woodland structure: veteran trees, 4.6 Woodland structure: indicators of local distinctiveness, 5. Hydrological regime: flooding depth/height of water table, 6.1 Vegetation composition: native tree cover, 6.2 Vegetation composition: typical species, 6.3 Vegetation composition: negative indicator species.	All/Other Relevant Threats and Pressures	N/A	MB05 Adapt/change forest management and exploitation practices	Administrative	Conifers clearfelled, not replanted; conifers removed and replanted with native tree species.	Caoillte Conservation Measure	Coillte	2011	Strategic Vision for our Future Forest Estate
	1. Habitat Area, 2. Habitat Distribution, 3. Woodland Size, 4.1 Woodland structure: cover and height, 4.2 Woodland structure: community diversity and extent, 4.3 Woodland structure: natural regeneration, 4.4 Woodland structure: dead wood, 4.5 Woodland structure: veteran trees, 4.6 Woodland structure: indicators of local distinctiveness, 5. Hydrological regime: flooding depth/height of water table, 6.1 Vegetation composition: native tree cover, 6.2 Vegetation composition: typical species, 6.3 Vegetation composition: negative indicator species.	All/Other Relevant Threats and Pressures	N/A	MB05 Adapt/change forest management and exploitation practices	Statutory	A clear-fell licence is required to fell or remove trees at this site.	Forestry Acts 1988 to 2014	Department of Agriculture Food and the Marine (DAFM)/Forestry Division	1988+	All government plans and policy documents are cognisant of these protections
	1. Habitat Area, 2. Habitat Distribution, 3. Woodland Size, 4.1 Woodland structure: cover and height, 4.2 Woodland structure: community diversity and extent, 4.3 Woodland structure: natural regeneration, 4.4 Woodland structure: dead wood, 4.5 Woodland structure: veteran trees, 4.6 Woodland structure: indicators of local distinctiveness, 5. Hydrological regime: flooding depth/height of water table, 6.1 Vegetation composition: native tree cover, 6.2 Vegetation composition: typical species, 6.3 Vegetation composition: negative indicator species.	All/Other Relevant Threats and Pressures	N/A	MH03 Reduce impact of other specific human activities	Statutory	Control of activities, if not covered by other regulations, which could negatively impact on this SAC.	European Union Habitats (Lough Forbes Complex, Special Area of Conservation 001818) Regulations, 2017.	Department of Housing, Local Government and Heritage (DHLGH)/National Parks and Wildlife Service (NPWS)	1997	All government plans and policy documents are cognisant of these protections.
	1. Habitat Area, 2. Habitat Distribution, 3. Woodland Size, 4.1 Woodland structure: cover and height, 4.2 Woodland structure: community diversity and extent, 4.3 Woodland structure: natural regeneration, 4.4 Woodland structure: dead wood, 4.5 Woodland structure: veteran trees, 4.6 Woodland structure: indicators of local distinctiveness, 5. Hydrological regime: flooding depth/height of water table, 6.1 Vegetation composition: native tree cover, 6.2 Vegetation composition: typical species, 6.3 Vegetation composition: negative indicator species.	All/Other Relevant Threats and Pressures	N/A	MC01 Adapt/manage extraction of non-energy resources	Statutory	Regulation controlling unconsented development at this site.	Planning and Development Act 2000, as amended.	Local Authority/An Coimisiún Pleanála	2000+	All government plans and policy documents are cognisant of these protections.

Site name: Lough Forbes Complex SAC 1818
Habitat/Species: Alluvial forests with *Alnus glutinosa* and *Fraxinus excelsior* [91E0]
(SSCO): To restore the favourable conservation condition of [91E0] in SAC1818

No.	Ecological Requirements (Attributes as per SSCO)	Pressure /Threat (EU Code 2025)	Pressure/ Threat Ranking	EU Conservation Measure Type (EU Code 2019-2024)	Measure Category	Conservation Measure	Delivery mechanism	Public Authority with statutory responsibility	Implementation timeframe	Integration with high level plans/policy:
	1. Habitat Area, 2. Habitat Distribution, 3. Woodland Size, 4.1 Woodland structure: cover and height, 4.2 Woodland structure: community diversity and extent, 4.3 Woodland structure: natural regeneration, 4.4 Woodland structure: dead wood, 4.5 Woodland structure: veteran trees, 4.6 Woodland structure: indicators of local distinctiveness, 5. Hydrological regime: flooding depth/height of water table, 6.1 Vegetation composition: native tree cover, 6.2 Vegetation composition: typical species, 6.3 Vegetation composition: negative indicator species.	All/Other Relevant Threats and Pressures	N/A	MJ01 Implement climate change mitigation measures, MJ02 Implement climate change adaptation measures	Administrative	A roadmap of actions to assist in the achievement of climate change objectives by no later than the end of the year 2050.	Ireland's Climate Action Plan	All Government Departments	2019+	Climate Action and Low Carbon Development (Amendment) Act 2021
	1. Habitat Area, 2. Habitat Distribution, 3. Woodland Size, 4.1 Woodland structure: cover and height, 4.2 Woodland structure: community diversity and extent, 4.3 Woodland structure: natural regeneration, 4.4 Woodland structure: dead wood, 4.5 Woodland structure: veteran trees, 4.6 Woodland structure: indicators of local distinctiveness, 5. Hydrological regime: flooding depth/height of water table, 6.1 Vegetation composition: native tree cover, 6.2 Vegetation composition: typical species, 6.3 Vegetation composition: negative indicator species.	All/Other Relevant Threats and Pressures	N/A	MA - Measures related to agricultural practices and agriculture-related habitats	Contractual	Production of an accredited Farm Sustainability Plan by 100% of participants in the Agri-Climate Rural Environmental Scheme (ACRES).	Agri-Climate Rural Environment Scheme (ACRES)	Department of Agriculture, Food and the Marine (DAFM)	2022	CAP Strategic Plan
	1. Habitat Area, 2. Habitat Distribution, 3. Woodland Size, 4.1 Woodland structure: cover and height, 4.2 Woodland structure: community diversity and extent, 4.3 Woodland structure: natural regeneration, 4.4 Woodland structure: dead wood, 4.5 Woodland structure: veteran trees, 4.6 Woodland structure: indicators of local distinctiveness, 5. Hydrological regime: flooding depth/height of water table, 6.1 Vegetation composition: native tree cover, 6.2 Vegetation composition: typical species, 6.3 Vegetation composition: negative indicator species.	All/Other Relevant Threats and Pressures	N/A	MB05 Adapt/change forest management and exploitation practices	Administrative	This site is managed primarily for nature.	Coillte Conservation Measure	Coillte	2011	Strategic Vision for our Future Forest Estate
	1. Habitat Area, 2. Habitat Distribution, 3. Woodland Size, 4.1 Woodland structure: cover and height, 4.2 Woodland structure: community diversity and extent, 4.3 Woodland structure: natural regeneration, 4.4 Woodland structure: dead wood, 4.5 Woodland structure: veteran trees, 4.6 Woodland structure: indicators of local distinctiveness, 5. Hydrological regime: flooding depth/height of water table, 6.1 Vegetation composition: native tree cover, 6.2 Vegetation composition: typical species, 6.3 Vegetation composition: negative indicator species.	All/Other Relevant Threats and Pressures	N/A	MB05 Adapt/change forest management and exploitation practices	Administrative	Identifying, protecting, and maintaining existing non-forested habitats - including swamps, to enhance overall forest biodiversit	Caoillte Conservation Measure	Coillte	2011	Strategic Vision for our Future Forest Estate
	1. Habitat Area, 2. Habitat Distribution, 3. Woodland Size, 4.1 Woodland structure: cover and height, 4.2 Woodland structure: community diversity and extent, 4.3 Woodland structure: natural regeneration, 4.4 Woodland structure: dead wood, 4.5 Woodland structure: veteran trees, 4.6 Woodland structure: indicators of local distinctiveness, 5. Hydrological regime: flooding depth/height of water table, 6.1 Vegetation composition: native tree cover, 6.2 Vegetation composition: typical species, 6.3 Vegetation composition: negative indicator species.	All/Other Relevant Threats and Pressures	N/A	MB05 Adapt/change forest management and exploitation practices	Administrative	Monitoring at the site by Coillte staff.	Caoillte Conservation Measure	Coillte	2011	Strategic Vision for our Future Forest Estate
	1. Habitat Area, 2. Habitat Distribution, 3. Woodland Size, 4.1 Woodland structure: cover and height, 4.2 Woodland structure: community diversity and extent, 4.3 Woodland structure: natural regeneration, 4.4 Woodland structure: dead wood, 4.5 Woodland structure: veteran trees, 4.6 Woodland structure: indicators of local distinctiveness, 5. Hydrological regime: flooding depth/height of water table, 6.1 Vegetation composition: native tree cover, 6.2 Vegetation composition: typical species, 6.3 Vegetation composition: negative indicator species.	PI04 Plant and animal diseases, pathogens and pests	N/A	MI03 Management, control or eradication of other invasive alien species	Administrative	NPWS Regional Staff monitor this site on a weekly basis.	NPWS Conservation Measure	National Parks and Wildlife (NPWS)	2025+	All government plans and policy documents are cognisant of these protections.