

Site name: Errit Lough SAC 0000607

County: Roscommon

Site Specific Conservation Objective (SSCO) Ecological Attributes

[3140] Hard oligo mesotrophic waters with benthic vegetation of Chara spp

- 1 Habitat area
- 2 Habitat distribution
- 3.1 Vegetation composition: typical species
- 3.2 Vegetation composition: characteristic zonation
- 4 Vegetation distribution: maximum depth
- 5 Hydrological regime: water level fluctuations
- 6 Lake substratum quality
- 7.1 Water quality: transparency
- 7.2 Water quality: nutrients
- 7.3 Water quality: phytoplankton biomass
- 7.4 Water quality: phytoplankton composition
- 7.5 Water quality: attached algal biomass
- 7.6 Water quality: macrophyte status
- 8 Acidification status
- 9 Water colour
- 10 Dissolved organic carbon (DOC)
- 11 Turbidity
- 12 Fringing habitat: area and condition

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Habitat/Species: [3140] Hard oligo-mesotrophic waters with benthic vegetation of Chara spp.
(SSCO): To maintain the favourable conservation condition of [3140] in SAC 000607

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. Vegetation composition: typical species; 3.1 Vegetation composition: characteristic zonation; 4. Vegetation distribution: maximum depth; 5. Hydrological regime: water level fluctuations; 6. Lake substratum quality; 7. Water quality: transparency; 7.1 Water quality: nutrients; 7.2 Water quality: phytoplankton biomass; 7.3 Water quality: phytoplankton composition; 7.4 Water quality: attached algal biomass; 7.5 Water quality: macrophyte status; 8. Acidification status; 9. Water colour; 10. Dissolved organic carbon (DOC); 11. Turbidity; 12. Fringing habitat: area and condition	PA17 Agricultural activities generating pollution to surface or ground waters (including marine)	Low	MA10 Reduce/eliminate point or diffuse source pollution to surface or ground waters (including marine) from agricultural activities	Statutory	Good Agricultural and Environmental Condition (GAEC) 4 and Statutory Management Requirements (SMR) 2: Establishment of buffer zones (e.g. grass, trees or native woodland scheme) along water courses and drains to intercept sediment and for the prevention of pollution (Nitrates and Phosphates) via the spread of organic fertilizer and for the storage of farmyard manure in a field.	European Communities (Good Agricultural Practice for Protection of Waters) Regulations 2022.	Department of Agriculture, Food and the Marine (DAFM)	2022+	CAP Strategic Plan
2	1. Habitat area; 2. Habitat distribution; 3. Vegetation composition: typical species; 3.1 Vegetation composition: characteristic zonation; 4. Vegetation distribution: maximum depth; 5. Hydrological regime: water level fluctuations; 6. Lake substratum quality; 7. Water quality: transparency; 7.1 Water quality: nutrients; 7.2 Water quality: phytoplankton biomass; 7.3 Water quality: phytoplankton composition; 7.4 Water quality: attached algal biomass; 7.5 Water quality: macrophyte status; 8. Acidification status; 9. Water colour; 10. Dissolved organic carbon (DOC); 11. Turbidity; 12. Fringing habitat: area and condition	PA17 Agricultural activities generating pollution to surface or ground waters (including marine)	Low	MA10 Reduce/eliminate point or diffuse source pollution to surface or ground waters (including marine) from agricultural activities.	Statutory	Good Agricultural and Environmental Condition (GAEC) and Statutory Management Requirements (SMR) 2 and 4: Water troughs must be located 20m away from the water course. Applies to farmers with a grassland stocking rate that exceeds 170kg of organic nitrogen per Hectare, and/or is exporting slurry to avail of a lower stocking rate.	European Union (Good Agricultural Practice for Protection of Waters) Regulations 2022	Department of Agriculture, Food and the Marine (DAFM)	2022+	CAP Strategic Plan
3	1. Habitat area; 2. Habitat distribution; 3. Vegetation composition: typical species; 3.1 Vegetation composition: characteristic zonation; 4. Vegetation distribution: maximum depth; 5. Hydrological regime: water level fluctuations; 6. Lake substratum quality; 7. Water quality: transparency; 7.1 Water quality: nutrients; 7.2 Water quality: phytoplankton biomass; 7.3 Water quality: phytoplankton composition; 7.4 Water quality: attached algal biomass; 7.5 Water quality: macrophyte status; 8. Acidification status; 9. Water colour; 10. Dissolved organic carbon (DOC); 11. Turbidity; 12. Fringing habitat: area and condition	PA17 Agricultural activities generating pollution to surface or ground waters (including marine)	Low	MA10 Reduce/eliminate point or diffuse source pollution to surface or ground waters (including marine) from agricultural activities.	Statutory	Preventing runoff from farm roadways via minimum specification for farm roadways. Where an existing roadway runs parallel to a watercourse, a fence must be erected. For new farm roadways, a fence must be erected at least 1.5m from the top of the water course bank. In addition, cambering of road surface away from watercourse, bunding or banks to also be used to prevent direct discharge to watercourses from roads.	European Union (Good Agricultural Practice for Protection of Waters) Regulations 2022	Department of Agriculture, Food and the Marine (DAFM)	2022+	CAP Strategic Plan
4	1. Habitat area; 2. Habitat distribution; 3. Vegetation composition: typical species; 3.1 Vegetation composition: characteristic zonation; 4. Vegetation distribution: maximum depth; 5. Hydrological regime: water level fluctuations; 6. Lake substratum quality; 7. Water quality: transparency; 7.1 Water quality: nutrients; 7.2 Water quality: phytoplankton biomass; 7.3 Water quality: phytoplankton composition; 7.4 Water quality: attached algal biomass; 7.5 Water quality: macrophyte status; 8. Acidification status; 9. Water colour; 10. Dissolved organic carbon (DOC); 11. Turbidity; 12. Fringing habitat: area and condition	PA17 Agricultural activities generating pollution to surface or ground waters (including marine)	Low	MA10 Reduce/eliminate point or diffuse source pollution to surface or ground waters (including marine) from agricultural activities.	Administrative	Contribute to a national reduction in chemical fertiliser control by nutrient management planning, soil testing, precision application, use of organic alternatives and adherence to crop nutrients requirements. Mandatory to register the purchase of all chemical fertiliser with the National Fertiliser Database	Sixth Nitrates Action Programme (2026 – 2028) published	Department of Agriculture, Food and the Marine (DAFM)	2026+	CAP Strategic Plan
5	1. Habitat area; 2. Habitat distribution; 3. Vegetation composition: typical species; 3.1 Vegetation composition: characteristic zonation; 4. Vegetation distribution: maximum depth; 5. Hydrological regime: water level fluctuations; 6. Lake substratum quality; 7. Water quality: transparency; 7.1 Water quality: nutrients; 7.2 Water quality: phytoplankton biomass; 7.3 Water quality: phytoplankton composition; 7.4 Water quality: attached algal biomass; 7.5 Water quality: macrophyte status; 8. Acidification status; 9. Water colour; 10. Dissolved organic carbon (DOC); 11. Turbidity; 12. Fringing habitat: area and condition	PF07 Residential and commercial activities and structures generating pollution to surface or ground waters	Low	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 (Errit Lough Special Area of Conservation 000607) Regulations 2016.	Department of Housing, Local Government and Heritage (DHLGH)/National Parks and Wildlife Service (NPWS)	1999+	All government plans and policy documents are cognisant of these protections

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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:
6	1. Habitat area; 2. Habitat distribution; 3. Vegetation composition: typical species; 3.1 Vegetation composition: characteristic zonation; 4. Vegetation distribution: maximum depth; 5. Hydrological regime: water level fluctuations; 6. Lake substratum quality; 7. Water quality: transparency; 7.1 Water quality: nutrients; 7.2 Water quality: phytoplankton biomass; 7.3 Water quality: phytoplankton composition; 7.4 Water quality: attached algal biomass; 7.5 Water quality: macrophyte status; 8. Acidification status; 9. Water colour; 10. Dissolved organic carbon (DOC); 11. Turbidity; 12. Fringing habitat: area and condition	PF08 Industrial activities and structures generating pollution to surface or ground waters	Low	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 the Storage, burial, disposal or recovery of any materials, 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 (Errit Lough Special Area of Conservation 000607) Regulations 2016.	Department of Housing, Local Government and Heritage (DHLGH)/National Parks and Wildlife Service (NPWS)	1999+	All government plans and policy documents are cognisant of these protections
7	1. Habitat area; 2. Habitat distribution; 3. Vegetation composition: typical species; 3.1 Vegetation composition: characteristic zonation; 4. Vegetation distribution: maximum depth; 5. Hydrological regime: water level fluctuations; 6. Lake substratum quality; 7. Water quality: transparency; 7.1 Water quality: nutrients; 7.2 Water quality: phytoplankton biomass; 7.3 Water quality: phytoplankton composition; 7.4 Water quality: attached algal biomass; 7.5 Water quality: macrophyte status; 8. Acidification status; 9. Water colour; 10. Dissolved organic carbon (DOC); 11. Turbidity; 12. Fringing habitat: area and condition	PB19 Forestry activities generating pollution to surface or ground waters (including marine)	Low	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 (Errit Lough Special Area of Conservation 000607) Regulations 2016.	Department of Housing, Local Government and Heritage (DHLGH)/National Parks and Wildlife Service (NPWS)	1999+	All government plans and policy documents are cognisant of these protections
8	1. Habitat area; 2. Habitat distribution; 3. Vegetation composition: typical species; 3.1 Vegetation composition: characteristic zonation; 4. Vegetation distribution: maximum depth; 5. Hydrological regime: water level fluctuations; 6. Lake substratum quality; 7. Water quality: transparency; 7.1 Water quality: nutrients; 7.2 Water quality: phytoplankton biomass; 7.3 Water quality: phytoplankton composition; 7.4 Water quality: attached algal biomass; 7.5 Water quality: macrophyte status; 8. Acidification status; 9. Water colour; 10. Dissolved organic carbon (DOC); 11. Turbidity; 12. Fringing habitat: area and condition	PC05 Peat extraction	Low	MC02 Adapt/manage exploitation of energy resources	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 (Errit Lough Special Area of Conservation 000607) Regulations 2016.	Department of Housing, Local Government and Heritage (DHLGH)/National Parks and Wildlife Service (NPWS)	1999+	All government plans and policy documents are cognisant of these protections
9	1. Habitat area; 2. Habitat distribution; 3. Vegetation composition: typical species; 3.1 Vegetation composition: characteristic zonation; 4. Vegetation distribution: maximum depth; 5. Hydrological regime: water level fluctuations; 6. Lake substratum quality; 7. Water quality: transparency; 7.1 Water quality: nutrients; 7.2 Water quality: phytoplankton biomass; 7.3 Water quality: phytoplankton composition; 7.4 Water quality: attached algal biomass; 7.5 Water quality: macrophyte status; 8. Acidification status; 9. Water colour; 10. Dissolved organic carbon (DOC); 11. Turbidity; 12. Fringing habitat: area and condition	PB23 Physical alteration of water bodies for forestry (including dams)	Low	MB14 Manage drainage and water abstraction for forestry (Inc. restoration of drained or hydrologically altered 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 (Errit Lough Special Area of Conservation 000607) Regulations 2016.	Department of Housing, Local Government and Heritage (DHLGH)/National Parks and Wildlife Service (NPWS)	1999+	All government plans and policy documents are cognisant of these protections
10	1. Habitat area; 2. Habitat distribution; 3. Vegetation composition: typical species; 3.1 Vegetation composition: characteristic zonation; 4. Vegetation distribution: maximum depth; 5. Hydrological regime: water level fluctuations; 6. Lake substratum quality; 7. Water quality: transparency; 7.1 Water quality: nutrients; 7.2 Water quality: phytoplankton biomass; 7.3 Water quality: phytoplankton composition; 7.4 Water quality: attached algal biomass; 7.5 Water quality: macrophyte status; 8. Acidification status; 9. Water colour; 10. Dissolved organic carbon (DOC); 11. Turbidity; 12. Fringing habitat: area and condition	PA22 Drainage for use as agricultural land	Low	MA13 Manage agricultural drainage and water abstraction (incl. the restoration of drained or hydrologically altered 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 (Errit Lough Special Area of Conservation 000607) Regulations 2016.	Department of Housing, Local Government and Heritage (DHLGH)/National Parks and Wildlife Service (NPWS)	1999+	All government plans and policy documents are cognisant of these protections

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11	1. Habitat area; 2. Habitat distribution; 3. Vegetation composition: typical species; 3.1 Vegetation composition: characteristic zonation; 4. Vegetation distribution: maximum depth; 5. Hydrological regime: water level fluctuations; 6. Lake substratum quality; 7. Water quality: transparency; 7.1 Water quality: nutrients; 7.2 Water quality: phytoplankton biomass; 7.3 Water quality: phytoplankton composition; 7.4 Water quality: attached algal biomass; 7.5 Water quality: macrophyte status; 8. Acidification status; 9. Water colour; 10. Dissolved organic carbon (DOC); 11. Turbidity; 12. Fringing habitat: area and condition	PA22 Drainage for use as agricultural land	Low	MA - Measures related to agricultural practices and agriculture-related habitats	Statutory	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
12	1. Habitat area; 2. Habitat distribution; 3. Vegetation composition: typical species; 3.1 Vegetation composition: characteristic zonation; 4. Vegetation distribution: maximum depth; 5. Hydrological regime: water level fluctuations; 6. Lake substratum quality; 7. Water quality: transparency; 7.1 Water quality: nutrients; 7.2 Water quality: phytoplankton biomass; 7.3 Water quality: phytoplankton composition; 7.4 Water quality: attached algal biomass; 7.5 Water quality: macrophyte status; 8. Acidification status; 9. Water colour; 10. Dissolved organic carbon (DOC); 11. Turbidity; 12. Fringing habitat: area and condition	PF17 Active abstraction of water for built-up areas	Low	MF09 Adapt the management of water abstraction for public supply and for industrial and commercial use to reduce negative impacts on habitats and species (incl. restoration of habitats)	Statutory	Consent is required for water abstraction, sinking of boreholes and wells, if not covered by other regulations.	European Union Habitats (Errit Lough Special Area of Conservation 000607) Regulations 2016.	Department of Housing, Local Government and Heritage (DHLGH)/National Parks and Wildlife Service (NPWS)	1999	CAP Strategic Plan
13	1. Habitat area; 2. Habitat distribution; 3. Vegetation composition: typical species; 3.1 Vegetation composition: characteristic zonation; 4. Vegetation distribution: maximum depth; 5. Hydrological regime: water level fluctuations; 6. Lake substratum quality; 7. Water quality: transparency; 7.1 Water quality: nutrients; 7.2 Water quality: phytoplankton biomass; 7.3 Water quality: phytoplankton composition; 7.4 Water quality: attached algal biomass; 7.5 Water quality: macrophyte status; 8. Acidification status; 9. Water colour; 10. Dissolved organic carbon (DOC); 11. Turbidity; 12. Fringing habitat: area and condition	PI02 Other invasive alien species (other than species of Union concern)	Low	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 (Errit Lough Special Area of Conservation 000607) Regulations 2016.	Department of Housing, Local Government and Heritage (DHLGH)/National Parks and Wildlife Service (NPWS)	1999	CAP Strategic Plan
14	1. Habitat area; 2. Habitat distribution; 3. Vegetation composition: typical species; 3.1 Vegetation composition: characteristic zonation; 4. Vegetation distribution: maximum depth; 5. Hydrological regime: water level fluctuations; 6. Lake substratum quality; 7. Water quality: transparency; 7.1 Water quality: nutrients; 7.2 Water quality: phytoplankton biomass; 7.3 Water quality: phytoplankton composition; 7.4 Water quality: attached algal biomass; 7.5 Water quality: macrophyte status; 8. Acidification status; 9. Water colour; 10. Dissolved organic carbon (DOC); 11. Turbidity; 12. Fringing habitat: area and condition	PI02 Other invasive alien species (other than species of Union concern)	Low	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 (Errit Lough Special Area of Conservation 000607) Regulations 2016.	Department of Housing, Local Government and Heritage (DHLGH)/National Parks and Wildlife Service (NPWS)	1999+	All government plans and policy documents are cognisant of these protections
15	1. Habitat area; 2. Habitat distribution; 3. Vegetation composition: typical species; 3.1 Vegetation composition: characteristic zonation; 4. Vegetation distribution: maximum depth; 5. Hydrological regime: water level fluctuations; 6. Lake substratum quality; 7. Water quality: transparency; 7.1 Water quality: nutrients; 7.2 Water quality: phytoplankton biomass; 7.3 Water quality: phytoplankton composition; 7.4 Water quality: attached algal biomass; 7.5 Water quality: macrophyte status; 8. Acidification status; 9. Water colour; 10. Dissolved organic carbon (DOC); 11. Turbidity; 12. Fringing habitat: area and condition	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 (Errit Lough Special Area of Conservation 000607) Regulations 2016.	Department of Housing, Local Government and Heritage (DHLGH)/National Parks and Wildlife Service (NPWS)	1999	CAP Strategic Plan

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16	1. Habitat area; 2. Habitat distribution; 3. Vegetation composition: typical species; 3.1 Vegetation composition: characteristic zonation; 4. Vegetation distribution: maximum depth; 5. Hydrological regime: water level fluctuations; 6. Lake substratum quality; 7. Water quality: transparency; 7.1 Water quality: nutrients; 7.2 Water quality: phytoplankton biomass; 7.3 Water quality: phytoplankton composition; 7.4 Water quality: attached algal biomass; 7.5 Water quality: macrophyte status; 8. Acidification status; 9. Water colour; 10. Dissolved organic carbon (DOC); 11. Turbidity; 12. Fringing habitat: area and condition	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
17	1. Habitat area; 2. Habitat distribution; 3. Vegetation composition: typical species; 3.1 Vegetation composition: characteristic zonation; 4. Vegetation distribution: maximum depth; 5. Hydrological regime: water level fluctuations; 6. Lake substratum quality; 7. Water quality: transparency; 7.1 Water quality: nutrients; 7.2 Water quality: phytoplankton biomass; 7.3 Water quality: phytoplankton composition; 7.4 Water quality: attached algal biomass; 7.5 Water quality: macrophyte status; 8. Acidification status; 9. Water colour; 10. Dissolved organic carbon (DOC); 11. Turbidity; 12. Fringing habitat: area and condition	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
18	1. Habitat area; 2. Habitat distribution; 3. Vegetation composition: typical species; 3.1 Vegetation composition: characteristic zonation; 4. Vegetation distribution: maximum depth; 5. Hydrological regime: water level fluctuations; 6. Lake substratum quality; 7. Water quality: transparency; 7.1 Water quality: nutrients; 7.2 Water quality: phytoplankton biomass; 7.3 Water quality: phytoplankton composition; 7.4 Water quality: attached algal biomass; 7.5 Water quality: macrophyte status; 8. Acidification status; 9. Water colour; 10. Dissolved organic carbon (DOC); 11. Turbidity; 12. Fringing habitat: area and condition	All/Other Relevant Threats and Pressures	N/A	MA - Measures related to agricultural practices and agriculture-related habitats	Contractual	86% uptake of eligible participants (7) 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
19	1. Habitat area; 2. Habitat distribution; 3. Vegetation composition: typical species; 3.1 Vegetation composition: characteristic zonation; 4. Vegetation distribution: maximum depth; 5. Hydrological regime: water level fluctuations; 6. Lake substratum quality; 7. Water quality: transparency; 7.1 Water quality: nutrients; 7.2 Water quality: phytoplankton biomass; 7.3 Water quality: phytoplankton composition; 7.4 Water quality: attached algal biomass; 7.5 Water quality: macrophyte status; 8. Acidification status; 9. Water colour; 10. Dissolved organic carbon (DOC); 11. Turbidity; 12. Fringing habitat: area and condition	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
20	1. Habitat area; 2. Habitat distribution; 3. Vegetation composition: typical species; 3.1 Vegetation composition: characteristic zonation; 4. Vegetation distribution: maximum depth; 5. Hydrological regime: water level fluctuations; 6. Lake substratum quality; 7. Water quality: transparency; 7.1 Water quality: nutrients; 7.2 Water quality: phytoplankton biomass; 7.3 Water quality: phytoplankton composition; 7.4 Water quality: attached algal biomass; 7.5 Water quality: macrophyte status; 8. Acidification status; 9. Water colour; 10. Dissolved organic carbon (DOC); 11. Turbidity; 12. Fringing habitat: area and condition	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 at Errit Lough SAC. This includes 5 plots covering approx. 1 HA within the SAC.	NPWS Farm Plan Scheme	National Parks and Wildlife (NPWS)	2006+	European Communities (Birds and Natural Habitats Regulations) 2011

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21	1. Habitat area; 2. Habitat distribution; 3. Vegetation composition: typical species; 3.1 Vegetation composition: characteristic zonation; 4. Vegetation distribution: maximum depth; 5. Hydrological regime: water level fluctuations; 6. Lake substratum quality; 7. Water quality: transparency; 7.1 Water quality: nutrients; 7.2 Water quality: phytoplankton biomass; 7.3 Water quality: phytoplankton composition; 7.4 Water quality: attached algal biomass; 7.5 Water quality: macrophyte status; 8. Acidification status; 9. Water colour; 10. Dissolved organic carbon (DOC); 11. Turbidity; 12. Fringing habitat: area and condition	All/Other Relevant Threats and Pressures	N/A	MA - Measures related to agricultural practices and agriculture-related habitats	Administrative/Contractual	Monitoring by regional staff 3/4 times per year and ongoing controlling Invasive Species at this site.	NPWS Conservation Measure	Department of Housing, Local Government and Heritage (DHLGH)/National Parks and Wildlife Service (NPWS)	1999	European Communities (Birds and Natural Habitats Regulations) 2011
22	1. Habitat area; 2. Habitat distribution; 3. Vegetation composition: typical species; 3.1 Vegetation composition: characteristic zonation; 4. Vegetation distribution: maximum depth; 5. Hydrological regime: water level fluctuations; 6. Lake substratum quality; 7. Water quality: transparency; 7.1 Water quality: nutrients; 7.2 Water quality: phytoplankton biomass; 7.3 Water quality: phytoplankton composition; 7.4 Water quality: attached algal biomass; 7.5 Water quality: macrophyte status; 8. Acidification status; 9. Water colour; 10. Dissolved organic carbon (DOC); 11. Turbidity; 12. Fringing habitat: area and condition	PB23 Physical alteration of water bodies for forestry (including dams)	Low	MB01 Prevent conversion of (semi-) natural habitats into forests and of (semi-) natural forests into intensive forest plantation	Statutory	Provision of licences for afforestation, and limit the impact of felling or otherwise removing of a tree or trees and the thinning of a forest 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
23	1. Habitat area; 2. Habitat distribution; 3. Vegetation composition: typical species; 3.1 Vegetation composition: characteristic zonation; 4. Vegetation distribution: maximum depth; 5. Hydrological regime: water level fluctuations; 6. Lake substratum quality; 7. Water quality: transparency; 7.1 Water quality: nutrients; 7.2 Water quality: phytoplankton biomass; 7.3 Water quality: phytoplankton composition; 7.4 Water quality: attached algal biomass; 7.5 Water quality: macrophyte status; 8. Acidification status; 9. Water colour; 10. Dissolved organic carbon (DOC); 11. Turbidity; 12. Fringing habitat: area and condition	PB23 Physical alteration of water bodies for forestry (including dams)	Low	MB01 Prevent conversion of (semi-) natural habitats into forests and of (semi-) natural forests into intensive forest plantation	Statutory	Locations and land types of afforestation projects are limited e.g. Forestry constrained to soils with peat depth of 30cm or less.	Forestry Regulations 2017	Department of Agriculture Food and the Marine (DAFM)/Forestry Division	2017+	All government plans and policy documents are cognisant of these protections
24	1. Habitat area; 2. Habitat distribution; 3. Vegetation composition: typical species; 3.1 Vegetation composition: characteristic zonation; 4. Vegetation distribution: maximum depth; 5. Hydrological regime: water level fluctuations; 6. Lake substratum quality; 7. Water quality: transparency; 7.1 Water quality: nutrients; 7.2 Water quality: phytoplankton biomass; 7.3 Water quality: phytoplankton composition; 7.4 Water quality: attached algal biomass; 7.5 Water quality: macrophyte status; 8. Acidification status; 9. Water colour; 10. Dissolved organic carbon (DOC); 11. Turbidity; 12. Fringing habitat: area and condition	PA22 Drainage for use as agricultural land	Low	MA13 Manage agricultural drainage and water abstraction (incl. the restoration of drained or hydrologically altered habitats)	Administrative	Basic Income Support for Sustainability (BISS) Scheme	Basic Income Support for Sustainability (BISS) Scheme	Department of Agriculture, Food and the Marine (DAFM)	2022+	CAP Strategic Plan