

Site name: Lough Gash Turlough SAC IE0000051

County: Clare

Site Specific Conservation Objective (SSCO) Ecological Attributes

[3180] Turloughs

- 1 Habitat area
- 2 Habitat distribution
- 3 Hydrological Regime
- 4 Soil type
- 5 Soil nutrient status: nitrogen and phosphorus
- 6 Physical structure: bare ground.
- 7 Chemical processes: calcium carbonate deposition and concentration.
- 8 Water quality
- 9 Active peat formation
- 10.1 Vegetation composition: area of vegetation communities
- 10.2 Vegetation composition: vegetation zonation
- 11.1 Vegetation structure: sward height
- 11.2 Vegetation structure: turlough woodland
- 12 Typical species
- 13 Fringing habitats: area

[3270] Rivers with muddy banks with *Chenopodium rubri* p.p. and *Bidens* p.p. vegetation

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Site name: Lough Gash Turlough SAC 000051

Habitat/Species: [3180] Turloughs

(SSCO): To maintain the favourable conservation condition of [3180] in this site

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. Hydrological Regime, 4. Soil type, 5. Soil nutrient status: nitrogen and phosphorus, 6. Physical structure: bare ground, 7. Chemical processes: calcium carbonate deposition and concentration, 8. Water quality, 9. Active peat formation, 10.1. Vegetation composition: area of vegetation communities, 10.2. Vegetation composition: vegetation zonation, 11.1. Vegetation structure: sward height, 11.2. vegetation structure: turlough woodland, 12. Typical species, 13. Fringing habitats: area.	PA22 Drainage for use as agricultural land	Low	MK02 Reduce impact of multi-purpose hydrological changes. MK03 Restoration of habitats impacted by multi-purpose hydrological changes	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 Gash Turlough Special Area of Conservation 000051) Regulations, 2018	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. Hydrological Regime, 4. Soil type, 5. Soil nutrient status: nitrogen and phosphorus, 6. Physical structure: bare ground, 7. Chemical processes: calcium carbonate deposition and concentration, 8. Water quality, 9. Active peat formation, 10.1. Vegetation composition: area of vegetation communities, 10.2. Vegetation composition: vegetation zonation, 11.1. Vegetation structure: sward height, 11.2. vegetation structure: turlough woodland, 12. Typical species, 13. Fringing habitats: area.	PA22 Drainage for use as agricultural land	Low	MK02 Reduce impact of multi-purpose hydrological changes. MK03 Restoration of habitats impacted by multi-purpose hydrological changes	Statutory	Consent is required for reclamation, including infilling, if not covered by other regulations.	European Union Habitats (Lough Gash Turlough Special Area of Conservation 000051) Regulations, 2018	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. Hydrological Regime, 4. Soil type, 5. Soil nutrient status: nitrogen and phosphorus, 6. Physical structure: bare ground, 7. Chemical processes: calcium carbonate deposition and concentration, 8. Water quality, 9. Active peat formation, 10.1. Vegetation composition: area of vegetation communities, 10.2. Vegetation composition: vegetation zonation, 11.1. Vegetation structure: sward height, 11.2. vegetation structure: turlough woodland, 12. Typical species, 13. Fringing habitats: area.	PA22 Drainage for use as agricultural land	Low	MK02 Reduce impact of multi-purpose hydrological changes. MK03 Restoration of habitats impacted by multi-purpose hydrological changes	Statutory	Consent is required for blasting, drilling, dredging or otherwise removing or disturbing fossils, rock, minerals, mud, sand, gravel or other sediment, if not covered by other regulations.	European Union Habitats (Lough Gash Turlough Special Area of Conservation 000051) Regulations, 2018	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. Hydrological Regime, 4. Soil type, 5. Soil nutrient status: nitrogen and phosphorus, 6. Physical structure: bare ground, 7. Chemical processes: calcium carbonate deposition and concentration, 8. Water quality, 9. Active peat formation, 10.1. Vegetation composition: area of vegetation communities, 10.2. Vegetation composition: vegetation zonation, 11.1. Vegetation structure: sward height, 11.2. vegetation structure: turlough woodland, 12. Typical species, 13. Fringing habitats: area.	PA22 Drainage for use as agricultural land	Low	MK02 Reduce impact of multi-purpose hydrological changes. MK03 Restoration of habitats impacted by multi-purpose hydrological changes	Statutory	Consent is required for 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 (Lough Gash Turlough Special Area of Conservation 000051) Regulations, 2018	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. Hydrological Regime, 4. Soil type, 5. Soil nutrient status: nitrogen and phosphorus, 6. Physical structure: bare ground, 7. Chemical processes: calcium carbonate deposition and concentration, 8. Water quality, 9. Active peat formation, 10.1. Vegetation composition: area of vegetation communities, 10.2. Vegetation composition: vegetation zonation, 11.1. Vegetation structure: sward height, 11.2. vegetation structure: turlough woodland, 12. Typical species, 13. Fringing habitats: area.	PA22 Drainage for use as agricultural land	Low	MK02 Reduce impact of multi-purpose hydrological changes. MK03 Restoration of habitats impacted by multi-purpose hydrological changes	Administrative	Basic Income Support for Sustainability (BISS) Scheme	Basic Income Support for Sustainability (BISS) Scheme	Department of Housing, Local Government and Heritage (DHLGH)/National Parks and Wildlife Service (NPWS)	2022+	CAP Strategic Plan
6	1. Habitat area, 2. Habitat distribution, 3. Hydrological Regime, 4. Soil type, 5. Soil nutrient status: nitrogen and phosphorus, 6. Physical structure: bare ground, 7. Chemical processes: calcium carbonate deposition and concentration, 8. Water quality, 9. Active peat formation, 10.1. Vegetation composition: area of vegetation communities, 10.2. Vegetation composition: vegetation zonation, 11.1. Vegetation structure: sward height, 11.2. vegetation structure: turlough woodland, 12. Typical species, 13. Fringing habitats: area.	PA07 Intensive grazing or overgrazing by livestock	Low	MA05 Adapt mowing, grazing and other equivalent agricultural activities (e.g. burning), MA06 Stop mowing, grazing and other equivalent agricultural activities e.g. burning (incl. restore or improve habitats)	Statutory	Consent is required for construction, removal or alteration of fences, stone walls, hedgerows, banks or any field boundary other than temporary electric fencing, if not covered by other regulations. [Consent is not required for normal maintenance.]	European Union Habitats (Lough Gash Turlough Special Area of Conservation 000051) Regulations, 2018	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

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Habitat/Species: [3180] Turloughs
(SSCO): To maintain the favourable conservation condition of [3180] in this site

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:
7	1. Habitat area, 2. Habitat distribution, 3. Hydrological Regime, 4. Soil type, 5. Soil nutrient status: nitrogen and phosphorus, 6. Physical structure: bare ground, 7. Chemical processes: calcium carbonate deposition and concentration, 8. Water quality, 9. Active peat formation, 10.1. Vegetation composition: area of vegetation communities, 10.2. Vegetation composition: vegetation zonation, 11.1. Vegetation structure: sward height, 11.2. vegetation structure: turlough woodland, 12. Typical species, 13. Fringing habitats: area.	PA07 Intensive grazing or overgrazing by livestock	Low	MA05 Adapt mowing, grazing and other equivalent agricultural activities (e.g. burning), MA06 Stop mowing, grazing and other equivalent agricultural activities e.g. burning (incl. restore or improve habitats)	Statutory	Consent is required for significant changes in livestock density (including introduction of grazing), changes in livestock type or grazing season, other than on established reseeded grassland, if not covered by other regulations. [Consent is not required for changes of less than 20% in livestock density unless notice has been given that a lower percentage is applicable to a particular site.]	European Union Habitats (Lough Gash Turlough Special Area of Conservation 000051) Regulations, 2018	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. Hydrological Regime, 4. Soil type, 5. Soil nutrient status: nitrogen and phosphorus, 6. Physical structure: bare ground, 7. Chemical processes: calcium carbonate deposition and concentration, 8. Water quality, 9. Active peat formation, 10.1. Vegetation composition: area of vegetation communities, 10.2. Vegetation composition: vegetation zonation, 11.1. Vegetation structure: sward height, 11.2. vegetation structure: turlough woodland, 12. Typical species, 13. Fringing habitats: area.	PA07 Intensive grazing or overgrazing by livestock	Low	MA05 Adapt mowing, grazing and other equivalent agricultural activities (e.g. burning)	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 Gash Turlough Special Area of Conservation 000051) Regulations, 2018	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. Hydrological Regime, 4. Soil type, 5. Soil nutrient status: nitrogen and phosphorus, 6. Physical structure: bare ground, 7. Chemical processes: calcium carbonate deposition and concentration, 8. Water quality, 9. Active peat formation, 10.1. Vegetation composition: area of vegetation communities, 10.2. Vegetation composition: vegetation zonation, 11.1. Vegetation structure: sward height, 11.2. vegetation structure: turlough woodland, 12. Typical species, 13. Fringing habitats: 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 Gash Turlough Special Area of Conservation 000051) Regulations, 2018	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. Hydrological Regime, 4. Soil type, 5. Soil nutrient status: nitrogen and phosphorus, 6. Physical structure: bare ground, 7. Chemical processes: calcium carbonate deposition and concentration, 8. Water quality, 9. Active peat formation, 10.1. Vegetation composition: area of vegetation communities, 10.2. Vegetation composition: vegetation zonation, 11.1. Vegetation structure: sward height, 11.2. vegetation structure: turlough woodland, 12. Typical species, 13. Fringing habitats: 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
11	1. Habitat area, 2. Habitat distribution, 3. Hydrological Regime, 4. Soil type, 5. Soil nutrient status: nitrogen and phosphorus, 6. Physical structure: bare ground, 7. Chemical processes: calcium carbonate deposition and concentration, 8. Water quality, 9. Active peat formation, 10.1. Vegetation composition: area of vegetation communities, 10.2. Vegetation composition: vegetation zonation, 11.1. Vegetation structure: sward height, 11.2. vegetation structure: turlough woodland, 12. Typical species, 13. Fringing habitats: 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
12	1. Habitat area, 2. Habitat distribution, 3. Hydrological Regime, 4. Soil type, 5. Soil nutrient status: nitrogen and phosphorus, 6. Physical structure: bare ground, 7. Chemical processes: calcium carbonate deposition and concentration, 8. Water quality, 9. Active peat formation, 10.1. Vegetation composition: area of vegetation communities, 10.2. Vegetation composition: vegetation zonation, 11.1. Vegetation structure: sward height, 11.2. vegetation structure: turlough woodland, 12. Typical species, 13. Fringing habitats: area.	All/Other Relevant Threats and Pressures	N/A	MA - Measures related to agricultural practices and agriculture-related habitats	Contractual	50% uptake of eligible participants (2) 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

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13	1. Habitat area, 2. Habitat distribution, 3. Hydrological Regime, 4. Soil type, 5. Soil nutrient status: nitrogen and phosphorus, 6. Physical structure: bare ground, 7. Chemical processes: calcium carbonate deposition and concentration, 8. Water quality, 9. Active peat formation, 10.1. Vegetation composition: area of vegetation communities, 10.2. Vegetation composition: vegetation zonation, 11.1. Vegetation structure: sward height, 11.2. vegetation structure: turlough woodland, 12. Typical species, 13. Fringing habitats: 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
14	1. Habitat area, 2. Habitat distribution, 3. Hydrological Regime, 4. Soil type, 5. Soil nutrient status: nitrogen and phosphorus, 6. Physical structure: bare ground, 7. Chemical processes: calcium carbonate deposition and concentration, 8. Water quality, 9. Active peat formation, 10.1. Vegetation composition: area of vegetation communities, 10.2. Vegetation composition: vegetation zonation, 11.1. Vegetation structure: sward height, 11.2. vegetation structure: turlough woodland, 12. Typical species, 13. Fringing habitats: area.	All/Other Relevant Threats and Pressures	N/A	MA07 Restoration of Annex I agricultural habitats (incl. re-establish and improve)	Contractual	<1% of terrestrial habitat in Lough Gash Turlough 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)	Department of Agriculture, Food and the Marine (DAFM)	2022+	CAP Strategic Plan

<div>Site name: Lough Gash Turlough SAC IE0000051</div> <div>Habitat/Species: [3270] Rivers with muddy banks</div> <div>(SSCO): To maintain the favourable conservation condition of [3270] in this site</div>										
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2	1. Habitat area, 2. Habitat distribution, 3. Hydrological Regime, 4. Soil type, 5. Soil nutrient status: nitrogen and phosphorus, 6. Physical structure: bare ground, 7. Chemical processes: calcium carbonate deposition and concentration, 8. Water quality, 9. Vegetation composition: area of vegetation communities, 10.1. Vegetation composition: vegetation zonation. 10.2. Typical species, 11. Fringing habitats: area.	PI02 Other invasive alien species (other than species of Union concern)	Low	MI04 Restoration of habitats affected by invasive alien species (incl. of Union concern and others)	Administrative	Target to control and where possible, eradicate Invasive Alien Species within Protected Areas by 2030.	Ireland's 4th National Biodiversity Action Plan 2023-2030	Department of Housing, Local Government and Heritage (DHLGH)/National Parks and Wildlife Service (NPWS)	2023+	CAP Strategic Plan
3	1. Habitat area, 2. Habitat distribution, 3. Hydrological Regime, 4. Soil type, 5. Soil nutrient status: nitrogen and phosphorus, 6. Physical structure: bare ground, 7. Chemical processes: calcium carbonate deposition and concentration, 8. Water quality, 9. Vegetation composition: area of vegetation communities, 10.1. Vegetation composition: vegetation zonation. 10.2. Typical species, 11. Fringing habitats: area.	PI02 Other invasive alien species (other than species of Union concern)	Medium	MA05 Adapt mowing, grazing and other equivalent agricultural activities (e.g. burning)	Statutory	Regulation relating to Invasive Alien Species.	European Union (Invasive Alien Species) Regulations 2024 Amendments	Department of Housing, Local Government and Heritage (DHLGH)/National Parks and Wildlife Service (NPWS)	2024+	All government plans and policy documents are cognisant of these protections
4	1. Habitat area, 2. Habitat distribution, 3. Hydrological Regime, 4. Soil type, 5. Soil nutrient status: nitrogen and phosphorus, 6. Physical structure: bare ground, 7. Chemical processes: calcium carbonate deposition and concentration, 8. Water quality, 9. Vegetation composition: area of vegetation communities, 10.1. Vegetation composition: vegetation zonation. 10.2. Typical species, 11. Fringing habitats: area.	PA07 Intensive grazing or overgrazing by livestock	Low	MA05 Adapt mowing, grazing and other equivalent agricultural activities (e.g. burning)	Statutory	Consent is required for significant changes in livestock density (including introduction of grazing), changes in livestock type or grazing season, other than on established reseeded grassland, if not covered by other regulations. [Consent is not required for changes of less than 20% in livestock density unless notice has been given that a lower percentage is applicable to a particular site.]	European Union Habitats (Lough Gash Turlough, Special Area of Conservation 000051) Regulations, 2018	Department of Housing, Local Government and Heritage (DHLGH)/National Parks and Wildlife Service (NPWS)	1997+	CAP Strategic Plan
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7	1. Habitat area, 2. Habitat distribution, 3. Hydrological Regime, 4. Soil type, 5. Soil nutrient status: nitrogen and phosphorus, 6. Physical structure: bare ground, 7. Chemical processes: calcium carbonate deposition and concentration, 8. Water quality, 9. Vegetation composition: area of vegetation communities, 10.1. Vegetation composition: vegetation zonation. 10.2. Typical species, 11. Fringing habitats: 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 Gash Turlough, Special Area of Conservation 000051) Regulations, 2018	Department of Housing, Local Government and Heritage (DHLGH)/ National Parks and Wildlife Service (NPWS) & relevant stakeholders	1997	CAP Strategic Plan
8	1. Habitat area, 2. Habitat distribution, 3. Hydrological Regime, 4. Soil type, 5. Soil nutrient status: nitrogen and phosphorus, 6. Physical structure: bare ground, 7. Chemical processes: calcium carbonate deposition and concentration, 8. Water quality, 9. Vegetation composition: area of vegetation communities, 10.1. Vegetation composition: vegetation zonation. 10.2. Typical species, 11. Fringing habitats: 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

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Habitat/Species: [3270] Rivers with muddy banks
(SSCO): To maintain the favourable conservation condition of [3270] in this site

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