Site Name: Tullaghanrock Bog SAC 002354

County: Roscommon

Site Specific Conservation Objective (SSCO) Ecological Attributes

7110 Active raised bogs*

- 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: nitrogen deposition
- 12 Water quality

Site Specific Conservation Objective (SSCO) Ecological Attributes

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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 Tullaghanrock Bog SAC
7150	
	Depressions on peat substrates of the Rhynchosporion is an integral part of good qualityActive raised bogs
	(7110) and thus a separate conservation objective has not been set for the habitat in Tullaghanrock Bog SA
7150	conservation objective has not been set in Tullaghanrock Bog SAC Depressions on peat substrates of the Rhynchosporion is an integral part of good qualityActive rais

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No.	Ecological Requirements	Pressure /Threat	Pressure/ Threat Ranking	EU Conservation Measure Type	Measure Category	Conservation Measure	Delivery mechanism	Public Authority with statutory	Implementation	Integration with high level plans/policy:
1	(Attributes as per SSCO) 1. Habitat area, 2. Habitat Distribution, 3. High Bog Area, 4.1	(EU Code 2025) PL02 Drainage (mixed or	High	(EU Code 2019-2024) MF08 Manage changes in hydrological and coastal	Statutory	Regulation controlling development including associated drainage.	S.I. NO. 600/2001 - Planning and Development	responsibility Local Authority (Roscommon County	timeframe 2001+	All government plans and policy documents are cognisant
	Hydrodogical regime - water leves, 4.2 Hydrodogical regime- flow patterns, 5. Transitional areas between high bog and adjacent mineral soils (including cutower areas), 6.1 Vegetation quality: central ecology, active flush, sosh, bog woodland, 6.2 Vegetation quality: microtopographical features, 6.3 Vegetation quality: bog mos (Sphigmun) spices; 7.3 Vypical ANB species districtioneness 9. Negative physical indicators, 10.1 Vegetation composition: rather engative indicator species, 10.2 Vegetation composition: rather engative indicator species, 10.2 Vegetation composition: native invasive species, 12 Water quality	unknown drivers)		systems and regimes for construction and development (incl. restoration of habitats).	,		Regulations 2003, as am ended	Council)/An Bord Pleanála (ABP)		of these protections
2	1 Holbitat area, 2 Habitat Citribution, 3 High Bog Area, 4.1 Hydrodigical regime - water levels, 4.2 Hydrodigical regime-flow patterns, 5. Transitional areas between high bog and adjacent mireral 5.06 (houlding, cutower sees), 6.1 Vegetation qualify: central ecotype, active flush, soaks, bog woodland, 6.2 Vegetation qualify: nicriotopographical features, 6.3 Vegetation qualify: pole moss (Sphagnum) species, 7.1 Typical ARB species: floar, 9.2 Typical ARB species: floar, 9.	PLO2 Drainage (mixed or unknown drivers)	High	MR08 Menage changes in hydrological and coastal youtern size regime for construction and development (incl. restoration of habitats).	Statutory	Consent required for works on, or alterations to the basis, bed or flow of a drain watercourse or waterbody, if not covered by other regulations.	Surgean Union Hebitsts (fullspharects lips; Special Area of Conservation 002354) Regulations 2016	Department of Hosning, Look Government and Herinage (DHLGH) National Parks and Wildlife Service (NPVS)	2002+	All government plans and policy documents are cognisant of these protections
3	1. Holdinst ann. 3. Holdinst fürschindung. 3. High Beg Arm. 4.1 Hydrodigoid regime - water levels. 4.2 Hydrodigoid regime - water levels. 4.2 Hydrodigoid regime - flow asterns. 5. Transitional areas between high bog and adjacent mireral solds (hudding sudaver seas), 6.1 Vegetation quality certail ecotype, active hast, soaks, bog woodland. 6.2 quality bog most Shapimum periori. 3. Typical ARB species: Runn, 8. Elements of local distinctiveness 9. Negative physical indication, 10.3 Vegetation composition: native registive indicator species, 10.2 Vegetation composition: non-native invasive species, 12 Water quality	PLO2 Drainage (mixed or unknown drivers)	High	MIGB Manage change in hydrodogical and coastal systems and regime for construction and development (incl. restoration of habitats).	Statutory	Consent required for durings works including diagring, despensing, with a decimination of the consent of the co	famoura Union tabilists II. II. III. III. III. III. Secola Area of Conservation 0023543 Regulations 2016	Department of Housing, Local Government and Heritage (DNCHH) National Pints, and Widelfe Service (NPVK)	2002+	All government plans and policy documents are cognisare of these protections
4	1 Holbitat area, 2. Holbitat Citaribution, 3. High Bog Area, 4.1 Hydrodigolar regime - water levels, 4.2 Hydrodigolar regime-flow patterns, 5. Transitional areas between high bog and adjacent mireral solis (houlding, cutow reas), 6.1 Vegetation qualify: central ecotype, active flush, soaks, bog woodland, 6.2 Vegetation qualify: nicrotopographical features, 6.3 Vegetation qualify: hope moss (Sphagnum) species, 7.1 Typical ARB species: Tanus, 8.1 Typical ARB species: Tanus, 8.1 Typical ARB species: Tanus, 8.2 Typical ARB species: Tanus, 8	PA22 Drainage for use as agricultural land	High	MA13 Manage agricultural distance and water abstraction (incl. we restoration of drained or hydrologically altered habitats).	Statutory	Concent required for new land drainage and irrigation works on land used for agriculture.	is 5.1tvo. 455/2011 (C BIA (Agriculture) Reps. 2011, as amended	Department of Agriculture Food and Marine (DAFM)	2011+	All government plans and policy documents are cognisant of these protections
5	1. Habitat area, 2. Habitat Distribution), 3. High Bog Area, 4.1 Hydrodigical regime - water levels, 4.2 Hydrodigical regime - water levels, 4.2 Hydrodigical regime - flow patterns, 5. Transitional areas between high bog and adjacent mirreal solis (flexidings cutower sees), 6.1 Vegetation quality created excepts, active flowsh, sooks, bog woodband, 6.2 Vegetation quality incrinotroposypheta flexiens, 6.3 Higgeristics, 6.1 Payietal ARB species; Stamus, 8. Elements of local except flows, 7.2 Hydrical ARB species; Stamus, 8. Elements of local except flows, 7.2 Hydrical ARB species; Stamus, 8. Elements of local except flows, 7.2 Hydrical ARB species; Stamus, 8. Elements of local except flowship of the species of the spec	PA22 Drainage for use as agricultural land	High	MA13 Manage agricultural drainage and water abstraction (not. the restoration of drained or hydrologically altered habitats.)	Administrative	Monitoring and reporting of relevant form activity at the SAC Direct imperations for DAM Conditionality compliance or via other state Authorities (via Cross Reporting) to integrated Controls Division in DAM.	Conservation Ranger Site monitoring, (Cross, Compliance)	Department of Agriculture Food and Marine (DAFM)	1997+	All government plans and policy documents are cognisent of these protections
6	1. Habitat serae, 2. Habitat Distribution, 3. High Bog Area, 4.1 Hydrodigical regime - water levels, 4.2 Hydrodigical regime - water levels, 4.2 Hydrodigical regime - flow patterns, 5. Transitional areas between high bog and adjoinent invieral solis (hudding cutower sense), 6.1 Vegetation qualify received ecotype, active host, soaks, bog woodland, 6.2 qualify bog most plantiquen species, 1.7 Yepical ARB species floors, 2.7 Hypical ARB species floors, 2.7 Hypical ARB species floors, 2.7 Hypical ARB species floors, 2.0 September floors, 2.0 Septe	PB01 Convenion to forest from other land use, or afforestation (excluding drainage)	High	MB01 Prevent conversion of (seem-i) natural habitats into forests and of (semi-) natural forests into intensive forest plantation	Statutory	Consent required for the planting of trees or multi-annual bloemergy crops if not covered by Forestry Regulations.	Surgean Union Hebitats (Tullapharrock Ros Special Area of Conservation 002354) Regulations 2016	Department of Housing, Look Government and Herinage (DH.CH)/ National Parks and Wildlife Service (NPWS)	2002+	National Peptiand Stategy
7	I habitat area, 2. Habitat Distribution), 3. High Bog Area, 4.1 Hydrodigical regime - water levels, 4.2 Hydrodigical regime - water levels, 4.2 Hydrodigical regime - flow patterns, 5. Transitional areas between high bog and adjacent mineral solis (haddings cutow reas), 6.1 Vegetation qualify; created ecotype, active hash, soaks, bog woodland, 6.2 qualify bog most plathgammal pepicies, 1.7 Yapical ARB species floors, 2.7 Yapical ARB species floors, 2.7 Yapical ARB species floors, 2.6 Yapical ARB species fl	PB01 Convenion to forest from other land use, or afforestation (excluding drainage)	High	MBIOL Prevent conversion of (semi-) natural habitats into forests and of (emi-) natural forests into intensive forest plantation	Statutory	Locations and land types of afforestation projects are limited e.g. Forestry constrained to solls with peat depth of 30cm or less.	Scensing procedure via Forestry Regulations 2017 Est. No. 193 of 2017), as amended.	Department of Agriculture Food and Marine (DAFM)/Forestry Division	2017+	National Biodiversity Action Plan

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No.	Ecological Requirements	Pressure / Threat Pressure / Threat Ranking	EU Conservation Measure Type	Measure Category	Conservation Measure	Delivery mechanism	Public Authority with statutory	Implementation	Integration with high level plans/policy:
8	(Attributes as per SSCO) 1. Habitat area, 2. Habitat Distribution, 3. High Bog Area, 4.1	(EU Code 2025) All/Other relevant Threats and	(EU Code 2019-2024) MK03 Restoring freshwater, wetlands and coastal	Administrative	Public relations and information dissemination by authorised officers	NPWS Conservation Ranger network and Regional	responsibility Department of Housing, Local	timeframe 1997+	Climate Action and Low Carbon Development
	Hydrólogical regime - water leves, 4.2 Hydrólogical regime- flow patterns, 5.1 ressilional areas between high bog and adjacent mineral solis (including cutover areas), 6.1 Vegetation quality- central conpos, active flush, sols, bog woodland, 6.2 Vegetation quality- microtopographical features, 6.3 Vegetation quality- beg moss (Shapisuma) species, 7.3 Yippical ABB species floor, 2.7 Special special special special floor, 2.7 Special special floor, 2.7 Special special floor, 2.7 Special floor, 2.7 Special floor, 2.7 Special floor	Pressures	habitats impacted by multi-purpose hydrological modifications.		to stakeholders.	Management appointed as Authorised Officers under, Clients and Matural Habitats Regs. 2011, as. ammedied.	Government and Heritage (DHLGH)/ National Parks and Widdlife Service (NPWS)		(Amendment) Act 2021
9	Hydrological regime - water leves, 4.2 Hydrological regime - flow patterns, 5.1 resistional areas between high bog and adjacent mineral soils (including cutover areas), 6.1 Vegetation quality, central centpos, each flush, volso, by owodand, 6.2 Vegetation quality, microtopopyaphical features, 6.3 Vegetation (2.2 Vegetation quality, microtopopyaphical floatures, 6.3 Vegetation (2.2 Vegetation paulity, microtopopyaphical floatures, 6.3 Vegetation (2.2 Vegetation paulity, microtopopyaphical floatures, 1.2 Vegetation composition, rather engals emiddent operation, 10.2 Vegetation composition, rather engals emiddent operation, 10.2 Vegetation composition, rather engals emiddent operation, 10.2 Vegetation composition, rather operation (2.2 Vegetation) and vegetation composition (2.2 Vegetation) and vegetation (2.2 Vegetation)	ASI/Other relevant Threats and Pressures	MC02 Adapt/manage exploitation of energy resources	Administrative	The production of a restoration plan for this site.	Tulsphannock flog SAC Restoration Plan	Department of Hossing, Local Covermment and Retriage (DHI-GIT) National Parks and Wildlife Service (NPWS)	2017+	All government status and policy documents are cognisare of these protections
10	1. Habitat area, 2. Habitat Distribution, 3. High Bog Area, 4.1 Hydrodigical regime - water levels, 4.2 Hydrodigical regime - water levels, 4.2 Hydrodigical regime - flow patterns, 5. Transitional areas between high bog and adjecent mireral soli (enduding cutower seen), 6.1 Vegetation qualify: central ecotype, active flexis, to sake, bog woodland, 6.2 Vegetation qualify: incrinctopage/pixel fautures, 6.3 Vegetation qualify bog moss (Ephagnum) species, 7.3 Typical ARB species Caron, 2.7 Typic	Pressures	MAGS.Adapt mowing, grazing and other equivalent agricultural activities (e.g., burning)	Statutory	Consent required for bummer, topping, clearing scrub or rough vegetation or reseeding if not covered by other regulations.	European Union Habitats Tullsdammock Box Secial. Area of Conservation 0027354 Regulations 2016	Department of Hosaire, Local Government and Herriage (DHLGH)/ National Parks and Wildlife Service (NPWS)	2002+	All government plans and golicy documents are cognisaes of these protections
11	I Habitat area, 2. Habitata (bistribution), 3. High Bog Area, 4.1 Hydrodigical regime - water levels, 4.2 Hydrodigical regime - flow patterns, 5. Transitional areas between high bog and adjacent mireral solic floudings cutower seen, 6.1 Evegeration qualify: central ecotype, active fless), soaks, bog woodland, 6.2 Wegeration qualify: hor incrotopographical factures, 6.3 Wegetation qualify: hog most (Sphagnum) species, 7.1 Typical ARB species: flows, 7.2 Typical ARB species: flows, 8.2 Higheritat of local distinctiveness 3. Negative physical indicators, 10.1 Vegetation composition ratio regative indicator species, 10.2 Vegetation composition ratio regative indicator species, 10.2 Vegetation composition ratio values in the species, 11.Air qualife; noting in deposition 12 Water qualify:	All/Other relevant Threats and Pressures	MAGS.Adapt mowing, grazing and other equivalent agricultural activities (e.g., burning)	Statutory	Controls burning of agricultural weste.	S.J. No.286 of 2009 Wester Management (Prohibition of Wester Disposal by Burning) Regulations 2009	Department of the furviorament, Climate and Communications following consultation with the Department of Agriculture, Food and the Marine.	2009+	Waste Management Act 1996
12	1. Hobitat stew. 2. Hobitat Christolosin, 3. High Beg Arm. 4.1 Hydrodigial regime, water levels. 4.2 Hydrodigial regime in water levels. 4.2 Hydrodigial regime flow patterns, 5. Transitional areas between high bog and adjacent mineral soli foundaring cutower seral, 6.1 Vegetation qualify: neither levels, 6.2 Hydrodistion qualify to Beg most Sphangumin species, 7.1 Typical ARB species Camp. 5.2 Hydrodia ARB species: Suns, 6.2 Heements of local distinctiveness 3. Negative physical indicators, 10.1 Vegetation qualify the great production of the composition rative megative indicators, 10.2 Vegetation composition, rative register indicator species, 11.2 Are quality: attraction of the composition rative megative indicator species, 11.2 Are quality: attraction of the composition rative species and composition rative species.	Al/Other relevant Threats and Pressures	MADS Adapt moving, grazing and other equivalent agricultural activities (e.g. burning)	Statutory	Restricted destruction of vegetation on uncultivated land.	Willife Act 1976 as amended	Department of Housing, Local Government and Heritage (DHLGH)/ National Parks and Wildlife Service (NPWS)	1976	Widdle Act 1976
13	1. Nobites tame, 2. Habitest (brothostion, 3. High Bop Area, 4.1 Hydrodogical regime - water levels, 4.2 Hydrodogical regime - flow patterns, 5. Transitional areas between high bog and adjacent mireral solic flundings cutower sees, 6.1 Vegetation quality central excitype, active flunds, soaks, bog woodlend, 6.2 quality beginned propriets, 7. Yapical ARB species, 100, 7. Yapical ARB species,	Pressures	MXQ3 Rectoring freshwater, wetlands and coastal MXQ3 Rectoring freshwater, wetlands and coastal modifications.	Administrative	Rablic relations and information dissemination by authorised officers to stakeholders.	Management appointed in Authorised Officers under Clients and Matural Habitats Reps. 2011, as ammedied.	Department of Housing, Local Converment and Retriage (DHI-GIV) National Parks and Widdle Service (NPWS)	1997+	National Position Strategy.
14	1. Habitat area, 2. Habitat Distribution, 3. High Bog Area, 4.1 Hydrodigolar lengther—water levels, 4.2 Hydrodigolar lengther—water levels, 4.2 Hydrodigolar lengther flow patterns, 5. Transitional areas between high bog and adjustent mileratio foll founding cutowers seni, 6.1 Vegetation department of the properties	PCGS Peat extraction Low	MCDI. Adapt/Imanage extraction of non-energy resources	Contractual/Administrative	The Protected Based Bog Restoration Incentive Scheme facilitates the restoration of lands within the SAC.	The Protected Resed Box Restoration Incentive. Scheme	Department of Hossing, Local Government and Berlinge (DHGH) National Parks and Wirdlife Service (NPWS)	2018+	National Peatland Stategy

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No.	Ecological Requirements	Pressure /Threat	Pressure/ Threat Ranking	EU Conservation Measure Type	Measure Category	Conservation Measure	Delivery mechanism	Public Authority with statutory	Implementation	Integration with high level plans/policy:
15	[Admitimates as per SSC0] 1. Indigital area, 2. Maissistal Distriction, 3. High Bing Area, 4.1 How gatter than 1. Indigital area of the second of the seco	(EU Code 2025) PCOS Peat extraction	Low	(8U Code 2019-2024) (KOCI) Adapt/manage estraction of non-energy resources	Contractual/Administrative	The Cession of Ther Cutting Compensation Scheme (CTCS) incontinuous consistence of the CTCS) incontinuous consistence for cession of peat extraction active wither raised bog SAC's. Currently there is no peat extraction in this SAC site.	Turf Cotting Compensation Scheme	responsibility Department of Housing, Local Government and Heritage (DHLGH)/ National Parks and Widelfs Service (NPWS)	timeframe 2011+	National Peatland Strategy
16	1 Höldist area, J. Holdist Ottorhudion, 3. High Bog Area, 4.1 Hydrodigical regime - water levels, 4.2 Hydrodigical regime - flow patterns, 5. Transitional areas between high bog and adjoinent miceral solis (including cutower seas), 6.1 Vegetation quality remote excepts, active flush, soaks, bog woodband, 6.2 Vegetation quality internotypographic fleature, 6.1 Vegetation quality internotypographic fleature, 6.1 Vegetation flow, 7.2 Typical ABB species: Flaun, 8. Elements of local flows, 7.2 Typical ABB species flaun, 8. Elements of local flows, 7.2 Typical ABB species flaun, 8. Elements of composition: on above negative indicator species, 1.0.2 Vegetation composition: native negative indicator species, 1.0.2 Vegetation composition: on active invasive species, 1.0.1 Vegetation composition on active invasive species, 1.0.1	PCOS Peat extraction	Low	MC01. Adapt/manage extraction of non-energy resources	Contractual/Administrative	The Peatlands and Natura Community Engagement Scheme encourage community, cold organizations and other parties to become involved in the enhancement of the SAC site and raise awareness.	Sestland and Natura Community (Ingagement Scheme.	Department of Housing, Local Conversion and Household (Housing) National Parks and Wildlife Service (NPWS)	2018+	National Portland Stratogy
17	1 Habitat area, 2. Habitat Distribution), 3. High Bog Area, 4.1 Hydrodogical regime - water levels, 4.2 Hydrogical regime - flow patterns, 5. Transitional areas between high Bog and adjectent miceral Soil, floudinge cutower sees, 6.1 Evegestation qualify: central ecotype, active flout, soaks, Dog woodland, 6.2 resolution of the company of the company of the company of the soaks of the company of the company of the company of the soaks of the company of the company of the soaks of the company of the company of the soaks of soaks of soa	PCOS Peat extraction	Low	MC01.Adapt/Imanage estraction of non-energy resources	Contractual/Administrative	The Voluntury logs Purchase Scheme lacilitates the state purchase of log junchuser yields. Currently there is no pest extraction in this SAC site.	Voluntary Rog Purchase Scheme	Department of Housing, Local Government and Hertrage (DHGM)/ National Parks and Widdlife Service (NPWS)	2011+	National Postland Strategy
18	1. Nabitat arm. 2. Habitat Distribution). 3. High Bog Area, 4.1 Hydrodogical regime - water levels, 4.2 Hydrodogical regime - flow patterns, 5. Transitional areas between high bog and adjectent microsi Loss (flexibiding culover sees), 6.1 Vegetation quality control excityps, active floxis, soaks, bog woodsine, 6.2 quality bog moss (Saphgumun) pepice, 1.7 Typical ARB species flows, 7.2 Typical ARB species flows, 8.1 Elements of local distinctioness 9.8 Postpare bypical indication, 10.1 Vegetation composition: native register indicator species, 10.2 Vegetation composition: native register indicator species, 1.1 Are quality: retrogen deposition 12 Vister quality	All/Other relevant Threats and Pressures		MC02 Adapt/manage exploitation of energy resources	Statutory	integration Pellution Control Liences.	EPA Act 1992	Emironmental Protection Agency (EPA)	1992+	IRANIORAMISTA I PROTECTION AGENCY BATNES. GUIDANGE NOTE Class 1.4.
19	1 Islahitat 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 long and adjoint mirrieral soils (reluding culores) areas), 6.1 Vegetation opation, certain ecotype, active flush, microspographical features, 6.3 Vegetation qualify, bog moss (Shalgurous) species, 7.1 Typical ARB species: flora, 7.2 Typical ARB species: floras, 8.2 Elements of local distributions, 90.8 Negative physical indications, 10.1 Vegetation compositions native registers indicated residue, 10.2 Vegetation composition not native invasive species, 11. Air quality: nitrogen deposition, 12 Water quality.	All/Other relevant Threats and Pressures		MC02 Adapt/manage exploitation of energy resources	Statutory	Control of activities, if not covered by other regulations, which could negatively impact on Tulagharrock Bog SAC.	European Union Habitats (Tullagharenck Res Spenal, Area of Conservation 002354) Resulations 2016	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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