## 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

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 Garriskil Bog 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 Garriskil Bog SAC

No.	Ecological Requirements	Pressure / Threat Pressure / Threat Ranking	EU Conservation Measure Type (EU Code 2019-2024)	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 Low	(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 (Westmeath County	2001+	All government plans and policy documents are cognisant
	hydrological regime - water levels, 4,2 hydrological regime- flow patterns, 5, 7 stringshar also abserve high long and adjacent mineral solit (including culover areas), 6,1 Wegetation quality: contal a culory, attech hash, such, bug encoding, 6,1 quality bog most (Sphagnum) pacies, 7,1 Nycial ABS species: flow, 7,2 Nycial ABS species: sun, 8, Elevents of local distinctiveness 9. Negative physical indicators, 10,1 Wegetation composition: native maybe inspecies, 1,2 Water quality composition: native maybe especies, 12 Water quality	uninown drivers)	systems and regimes for construction and development (incl. restoration of habitats).			Begulation: 2001. as amended	Council)/An Bord Pleanala (ABP)		of these protections
2	1. Habita trea, 2. Habitat Distribution, 3. High Big Area, 4.1 Hydrologiar length - wattre lenks, 4.2 Hydrologiar length - flow patterns, 5. Transitional areas between high bog and adjecnet mineral solit (Induling cutore wate), 6.1 Vegetation quality: central ecotype, active Hush, soaks, bog woodland, 6.2 Vegetation quality: posterie, 7.1 Typical ARB species: Bion, 2.1 Typical ARB species: Biona, Biotemst of Iocal distinctiveness 3. Regative physical indicators, 10.1 Vegetation composition: native maybe indicative species, 10.2 Vegetation composition: native maybe indicative species, 10.2 Vegetation composition: native invasive species, 10.2 Vegetation composition: and vegetative for advect species, 10.2 Vegetation composition: native invasive species, 10.2 Vegetation	PIQ2 Drainage (mixed or Low unknown drivers)	M43 Magage agroutional distance and water abditiation (inc), the restance of drained or hydrologically altered habitats).	Statutory	Consent required for new land drainage and irigation works on lands used for agriculture.	SLING-456/2011 EC EM (Agriculture) Reps. 2011, as amended	Department of Agriculture Food and Marine (DAFM)	2011+	Al government plans and policy documents are cognisant of these protections
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 solit (Including cutover areas), 6.1 Wegetation quality: central exclose, astern Hain, solate, bey worddin 6.2 Wegetation quality, minotopographical features, 6.3 Wegetation quality bog mos Gethamoni pieces, 7.1 Yorkal ARB species adjacent means and the second second second second second astirchness 5. Negative physical indicators, 10.1 Wegetation composition: make registre Indicator second second second composition: more active invasive species, 12 Wetter quality	PIQ2 Drainage (mixed or Low unknown drivers)	MRB Manage changes in hydrological and coastal systems and regimes for construction and development (incl. restoration of habitats).	Statutory	Consert 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 (Carridal Bog Special Area of Conservation 000679) Regulations 2012	Department of Agriculture Food and Marine (DAFM)	1997+	All government plans and policy documents are cognisant of these protections
4	hydrological regime - water levels, 4,2 hydrological regime- flow patterns, 5,7 neuronal constraints, 20 hydrological regime- ladjacent mineral solis (Including cutover areas), 6,1 Vegeration quality: central ecology, astive huku, solas, bog woodland, 6,2 Vegeration quality, microtopographical features, 6,4 Vegeration danity: bog mos, 6 Shapuma) species, 7,1 Vipical ARB species floary, 27 Dynal ARB species frauma, 8, Elements of total astimpoliton soliton equality history danses, 10,2 Vegeration compositions mon-native invasive species, 102 Vegeration compositions mon-native invasive species, 12 Veder quality	PI2D Consinge (mixed or Low unknown drivens)	MRIB Munge changes in hydrological and coard system and regimes for coardiaction and development (incl. Neutoration of habitat).	Statutory	Consert required for drainage works including diging, despening, whering or blocking drain, waterocurse or waterbody) if not covered by other regulations.	European Union Hishitets (Garriskill Bog Special Area of Conservation 0006/79) Regulations 2017	Department of Housing, Local Government and Heritage (PULGH)/ National Parks and Wildlife Service (NPWS)	2022+	<u>Sational Peaked States</u>
5	hydrological regime - water levels, 4,2 hydrological regime- flow patterns, 5,7 regimes, 12 with the hydrological regime- ladjecent mineral solis (including cutover areas), 6,1 Vegeration quality: central ecology, astive hait, soaks, begevoating, 6,2 Vegeration quality: microtopographical features, 6,4 Vegeration quality: bog moss (Spharman) pecker, 5,1 Vegeration features), and the solito solito solito solito solito solito features (Spharman) pecker, 5,1 Vegeration and the soliton soliton soliton soliton soliton soliton composition: non-native invasive species, 12 Veder quality	Pi02 Draininge (mixed or Low unknown driven.)	MRBM Manage changes in hydrological and costal systems and regime for construction and development (incl. restoration of habitats).	Contractual	27 Alen/100% of the requirile drawn have been blocked at this site.	Garrhell Bog SAC Bestonation Plan	Department of Housing, Local Government and Heritage (DHiGH)/ National Parka and Wildlife Service (NPWS)	2002+	Al government plans and policy documents are cogmune of these protections
6	<ol> <li>Holbita renz, J. Holbita T. Girshnöm, J. High Big, Ares, 4.1 Hydrodgical regime - wattre levels, 4.2 Hydroligical regime- flow patterns, 5. Transitional areas between high Big and adjocent microsi tool (Holding cutoware mails, 1.3 Vagettation quality be more (Stapharm) potech - Typical ARB species Biory, 2.7 Dynical ARB species: Faum, 8. Elements of local distinctiveness 3.9 Register by Psical Indicators, 0.10 Vagettation composition: native registre indicator species, 10.2 Vagettation</li> </ol>	PA22 Orninge for use a Low apricultural land	M13 Magage aground drained or hydrologiathy altered focul the netosotion of drained or hydrologiathy altered hubbles)	Administrative	Monitoring and reporting of Relaxet farm activity at the SAC. Direct impections for DAN constraining rounghaves or via other state Authorities (via Cross Reporting) to Integrated Control: Division in DARM.	DATA BASC Conditionality Jam Inspection. NWS, Conservation Renger: Stemonitoring, (Cross, Compliance)	Department of Agriculture Food and Marine (DAFM)	2022+	National Peatland Strategy
7	<ol> <li>Holtar area, J. Hubitar Gistrohumon, J. High Bog, Area, 4.1 Hydrodigical regime - wattre levels, 4.2 Hydrodigical regime- flow patterns, 5. Transitional areas between high Bog and adjacent mineral colls (Huchding Cudowar ands. [6.3 Wagettation quality be panos (Spharman) peters. J. Typical ABB species Borg, J. 27 Dynical ABB species: Faum, 8. Elements of Iocal districtiveness 3.0 support bypical fiscators, 10.1 Wagettation composition: native registrio indicator species, 10.2 Vagettation composition: native investes species, 2.1 Valer quality</li> </ol>		MOI: Adapt/manage extraction of non-energy resources		The Cassitor of Turf Catting Comparisons Atomic (TCG) interview (CG) interview (CG) and the Catting C	Turf Cutting Compensation Scheme	Department of Housing, Local Government and Heritage (DHiGH)/ National Parka and Wildlife Service (NPWS)	2011+	National Peatind Stategy
8	1 Hohtar see, 2. Hubitat Ostrohosion, 3. High Bog Ares, 4. 1 Hydrologiat regime - water levels, 4. 2 Hydrologiat regime- flow patterns, 5. Transitional areas between high Bog and adjecent mineral solit (including: curcare wate), 6. 1 Vegetation quality contrologo pathel methors, 6. 3 Vegetation quality contrologo pathel methors, 6. 3 Vegetation flora, 7.2 Yapical ARB species: Thura, 8. Elements of local distinctiveness 9. Suggets by Packal indicator, 10.1 Vegetation composition: native invasive indicator species, 10.2 Vegetation composition: non-native invasive species, 12 Water quality	PCDF Pest Extraction Low	MCD1 Adapt/manage extraction of non-energy resources	Contractual/Administrative	The Volumers Bog Purchase Scheme Excitates the state purchase of big ind/putory (pith, to date 25.17 Acres of Freehold purchased in 1 transaction	Voluntary Bog Purchase Scheme	Department of Hossive, Load Government and Internate (Diff.com) National Parts and Wildle Service (NPWS)	1999-2010	National Peatind Stategy

## Garriskil Bog SAC 000679 Habitat: Active Raised Bog [7110] Site Specific Conservation Objectives (SSCO): To restore the favourable conservation condition of Active raised bogs in Garriskil Bog SAC 000679

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:
9	<ol> <li>Heibita eres, 2. Heibitat Dirthöhlioni, 3. Hejh Biog Ares, 4.1 Hijdrifogical regime - watter levels, 4.2 Hidrobogical regime flow patterns, 5. Transitional areas between high log and algherm minnel stall (hickaller calcore areas), 6.1 Vigetation algherm timerial stall (hickaller calcore areas), 6.1 Vigetation authors, microbographical features, 6.1 Vigetation authors, microbographical features, 6.1 Vigetation flow, 7.2 Typical ABB species: flowa, 8. Elements of local distinctiveness 3. Begives hipskin information, 10.1 Vigetation composition: non-eative invasive species, 12 Water quality vigetation.</li> </ol>	PC05 Peat Extraction	Low	MOI Adapt/manage extraction of non-energy resources	Contractual/Administrative	The Protected Raised Gag Restoration incention Scheme Fullitates the restoration of advance with the SAC. There is currently no past extraction within this SAC – 2 land purchases under this scheme within this SAC.	The Protected Raised Bog Restoration Intertive.	Department of Hossing, Load Government and Kentage (DirkGIV) National Parks and Wikife Service (NPWS)	2018+	National Peakind Statege
10	<ol> <li>Hebita eres, 2: Hebitat Dirichilonio, 3: High Biog Ares, 4:1 High/Toricipati regime - watter levels, 4:2 High/Biog Ares, 4:1 High/Toricipati regime - watter levels, 4:2 High/Biog Ares alguernt mineral solis (Including: cutores eres), 6: Vogetanto quality, commis coxypie, active flush, totaks, bay wood/biod, 6: 2 guality, tog mossi (Biogram), species, 1: Tyricial ABS species flows, 7: Tyricial ABS species; Inura, 8: Genemest of Iocal distinctiveness 5: Agenter byrickia floations, 10: Vogetation composition: native negative indicator species, 10: 2 Vogetation composition: native negative indicator species, 12: Volare quality</li> </ol>	PCOS Peat Extraction	Low	MIRD Manage changes in hydrogogical and coastal ystems and regimes for construction and development (incl. restoration of habitats).	Contractual/Administrative	The Potational and Natura Community Engagement Schme encourage community, Kolar dignationata and other parties to become involved in the enhancement of the SAC site and raise awareness	Pastlands and Yatura Community Engagement.	Department of Housing, Load Government and Wentrage (DHLGM)/ National Parls and Wildle Service (NPWS)	2022+	Sational Raised Rog SAC Management Piles 2017-2022
11	Habitat area, 2. Habitat Distribution, 3. High Bog Area, 4.1 Hydrological regime – water levels, 4.2 Hydrological regime – flow partners, 5. Transitional areas between High Bog and areas), 6.1 Vagestellon quality, entral ecotype, active Ruhz, toash, bog wondenic, 6.2 Vegestation quality, microtopographical features, 6.3 Vegestation quality, bog moss (Cybagrum) species. Four, 3. e. Benerst of Iccal distinctioners 9. Hogstive physical indicators, 10.1 Vegestation composition: native negative Indicators, 10.2 Vegestation composition: native negative Indicators, 10.2 Vegestation composition on ransive invasion; 11. Air quality, nitrogen deposition 22 Water quality	All/Other Relevant Threats and Pressures		M01 Implement climate change mitigation measures	Administrative	A roadmap of actions to assist in the achievement of climate change objectives by no later than the end of the year 2000	Irelands Climate Action Plan 2024	All Government Departments	2024+	All government policies are cognisant of this plan.
12	Li Habita eres, 2. Habita Dirutholion, 3. High Biog Ares, 4.1 Hydrological regime - watter levels, 4.2 Hydrological regime flow patterns, 5. Transitional areas between high bog and adjacent mineral and licituding caroos and the second second eress, 16.2 Hydrafation quality, central ecotype, active flash, emicrotographatic flashurs, 6.3 Hydrafation quality be grane (Splasgum) species, 7.1 Tyroid ARB species: flow, 7.2 Hydraf ARB species: floward, 8.6 Henrets of Ocal distinctiveness 5. Heighting physical indicators, 10.1 Vigetation compositors incomes and physical indicators, 11.3 Livegration caroonalistic constrainty maximum pacies, 11.3 Livegration compositors to more thing maximum pacies, 11.3 Livegration compositors 12 Water quality	Al/Other Relevant Threats and Pressures		MBD: Prevent conversion of (semi) natural habitats into freests and (semi) natural forests into intenvie forest plantation	Statutory	locations and trait types of althomation projects are limited e.g. Forestry constrained to sols with peat depth of $30 \mathrm{cm}$ or less.	Leening procedure via Forstvi Regulations 2017 (S.I. to. 131 of 2017), as amended.	Oppartment of Agriculture Food and Marine (DAFM)/Forestry Division	2017+	National Biodiversity Action Plan
13	Li Habita terre, 2. Habitat Direhadino, 3. High Big Area, 4.1 Hydrologiat regress watter lenk, 4.2 Hydrologiat regress- flow patterns, 5. Transitional areas between high bag and adjacent minesi as loss (including catoros), central ecotype, active areas), 6.1 Vigetation guality central ecotype, active flash, micrologoappation floatures, 5.1 Vigetation capability for provide the strategies of the strategies of the strategies of physical indicators, 10.1 Vigetation capacitos high physical indicators, 11.0 Vigetation capacitos non-active invasiona pacies, 11.0 Vigetation capacitos non-active invasiona pacies, 11.0 vigetation capacitos 12 Water quality	All/Other Relevant Threats and Pressures		MBD: Provent conversion of (comi) natural hobitats into forests and of (comi) natural forests into intensive forest plantation	Statutory	Planting of test-or multi-annual bloenergy crops if not covered by the forestry regulations.	European Union Habitut, Caunida Esp Special Arcs of Conservation 000679) Regulations 2012	Department of Housing, Jocal Government and Kenzage (DHCAIT) National Parks and Wikifet Service (NPWS)	1997+	National Peatland Strategy .
14	<ol> <li>Hohna Leves 2: Methet Dirobusion; 3: High Bag Kers, 4.1 </li></ol>	All/Other Relevant Threats and Pressures		MAGS Adapt mowing, grazing and other equivalent apricultural activities (c.g. burning)	Statutory	Censent required for burning, topping, charing soub or rough wgetation or researing if not covered by other regulations.	European Union Hollman Guerrial Day General Area of Conservation 0006799 Regulations 2012	Department of Hossing, Josef Government and Hossing, Diff.(U)/ National Parks and Wildle Service (NPWS)	1997+	Al government glans and golicy documents are coprisent of these protections

No.	Ecological Requirements	Pressure / Threat	Branning / Threat Banking	EU Conservation Measure Type	Measure Category	Conservation Measure	Delivery mechanism	Public Authority with statutory	Implementation	Integration with high level plans/policy:
No.	(Attributes as per SSCO)	(EU Code 2025)	Pressure/ Inreat Kanking	(EU Code 2019-2024)	Measure Category	Conservation Measure	Delivery mechanism	responsibility	timeframe	integration with high level plans/policy:
	1 Habitar area, 2. Habitar Gottohomion, 3. High Bag Area, 4.1 High/dagical regime, water freehs, 4.2 High/Bag Area Rey datterm, 5. Transitional areas between high bag and adjacent mineral solis (Including cutome areas), 6.1 Vegetation quality: central ecotype, acter Bruhs, tosak, bag wordanfe, 6.2 Vegetation quality; bog moss (Explangum) species, 17.1 Vipical ABB species: Iron, 7.2 Typical ABB species: Iron, 8. Elements of local distinctivenes 9. Negative physical indicators, 10.1 Vegetation composition: native regulative indicators, 10.2 Vegetation composition: native regulative indicator species, 10.2 Vegetation composition: not entire imasive species, 11.1 Air quality; nitrogen deposition 22 Water quality	Al/Other Relevant Threats and Pressures		MADS Adlıştı moving, grazing and other equivalent agricultural activities (e.g. burning)	Statutory	Controls burning of agricultural waste.	<u>5.1.19.286 of 2009 Watto Management Prohibition</u> al Watte Disposal by Burningi Regulations 2008	Department of the Environment, Climate and Communication Sollowing consultation with the Department of Agriculture, Food and the Marine.	2009+	Waste Management Act 1996
	hydrological regime - water levels, 4.2 Hydrological regime- flow patterns, 5.7 smithoud areas between high bog and adjacent mineral solis (including cutover areas), 6.1 Vegetarion quality; entral, 6.2 Vegetarion quality; Kohanna (Kohan), 6.2 Vegetarion quality; Kohanna (Kohan), 7.3 Yipcial ABS species (Kon, 2.2 Typical ABS species: Kuna, 8. Elements of local distinctivenes 9. Negative physical indicators, 10.1 Vegetarion composition: nateve negative indicators, 10.1 Vegetarion composition: nateve negative indicator species, 10.2 Vegetarion composition: nateve negative indicator species, 10.2 Vegetarion composition: 12 Water quality	Al/Other Relevant Threats and Pressures		MADS Adapt moving, grazing and other equivalent agricultural activities (e.g. burning)	Statutory	Restricted destruction of wegetation on uncubinated land.	Wildlife Art 1976 as Amerided	Oppartment of Hoozing, Lozal Government and Horiting (DMG/M) National Parks and Wildlife Service (IPPVS)	1976	<u>Vridelin Act 1976</u>
	hydrological regime - water levels, 4.2 hydrological regime- free patterns, 5.7 smithoud areas between high bog and adjacent mineral solis (including cutover areas), 6.1 vegetanno quality; entral ecotype, active flush, soaks, bog wooddand, 6.2 Vegetation quality; bighapman joecent, 7.3 hydral AMB species (Nan, 2.2 Tpigha AMB species: fauna, 8. Elements of local distinctioners 9. Negative physical indicators, 10.1 Vegetation composition: natere negative indicators, 10.2 Vegetation composition: natere negative indicator species, 10.2 Vegetation composition: natere negative indicator species, 10.2 Vegetation composition: 12 Water quality	Al/Other Relevant Threats and Pressures		M038 Rectoring freshwater, vertlands and coastal Molatiss impacted by multi-purpose hydrological modifications.	Administrative	Public relations and information dissemination by authorised officers to stateholders.	Management appointed a Authorised Officers under CE Gerba and Natural Habitats Reg. 2011, as amended.	Department of Housing, Local Government and kernage (Ditclift) National Parls and Wikilife Service (Versc)	1997+	Bational Peatinn' Statege
	hydrological regime - water levels, 4.2 hydrological regime- flow patterns, 5.7 smithoud areas between high log and adjacent mineral solis (Including cutover areas), 6.1 vegetarion quality; entral ecotype, active flush, soaks, bog wooddand, 6.2 Vegetarion quality; bighapman joecer, 1.2 hydra Alla Suesci Kons, 2.2 Typical Alla Species Kauna, 8. Elemento flocal distinctivenes 9. Negative physical indicators, 10.1 Vegetarion composition: nateve negative indicators, 10.2 Vegetarion composition: nateve negative indicator species, 10.2 Vegetarion composition: nateve negative indicator species, 10.2 Vegetarion composition: no enative invasive species, 11.3/r quality; nitrogen deposition 12 Water quality	Al/Other Relevant Threats and Pressures		MC22 Adapt/manage exploitation of energy resources	Administrative	The production of a restoration plan at this site.	Garriskil Bog SAC Restoration Flan	Department of Housing, Local Government and Internage (Distuicity) National Parts and Wikife Service (NPVKC)	2017+	National Perfand Stratey
19		All/Other Relevant Threats		MC02 Adapt/manage exploitation of energy resources	Statutory	Control of activities, if not covered by other regulations, which could negatively impact on Garriskil Bog SAC.	European Linion: Habitats. Garnial II Bog. Special Area of Conservation 0000779) Regulations. 2017	Coopertment of Housing, Local Government and Interlage (Ditkelly) National Parks and Wildlife Service (NPWS)	1997+	All government policies are cognitant of these Regulations.