Site Name: Mongan Bog SAC 000580 County: Offaly

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 Mongan Bog SAC 000580.
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 Mongan Bog SAC 000580.

No.	Ecological Requirements (Attributes as per SSCO)	Pressure / Threat Pressure / Threat (EU Code 2025)	anking EU Conservation Measure Type (EU Code 2019-2024)	Measure Category	Conservation Measure	Delivery mechanism	Public Authority with statutory responsibility	Implementation timeframe	Integration with high level plans/policy:
1	1. Habitat area, 2. Habitat Distribution, 3. High Bog Area, 4.1 Hydrologial regime- water levels, 4.2 Hydrologial regime- legizet mineral solis (Including culture areas), 6.2 Wegetation quality: central ecology, earlier haity, social pose; 3.1 Typical Wegetation quality prince to pospecifical features, 6.3 & Wegetation quality prince to the soliton of the soliton of the effect of the soliton of the soliton of the soliton of the effect of the soliton of the soliton of the soliton of the effect of the soliton of the soliton of the soliton of the effect of the soliton of the soliton of the soliton of the effect of the soliton of the soliton of the soliton of the Wegetation composition: non-native invasive species, 12 Water quality	19. José José (mixed or Low undown driven)	BU 008 403 5 403 BU 008 403 5 400 protest and a regiment for construction and development (incl. restoration of habitas).	t Statutory	Regulation controlling development including associated drainage	 B. BO. (202201. Planning and Development. Regulations 2001, as amended 	Loci Authority (Offaly County Council)/An Bord Plennila (ABP)	2001+	All government plans and policy documents are cogrisant of these protections
2	1: Holdrait area, 2: Holdrait OttoHoution, 3: High Bog Area, 4.1 Hydrologiai regime: weter levels, 4: 24 Hydrologiai regime- flow patterns, 5: Transitional areas between high Bog and adjectern timeral solitic (Houdrig actuative areas), 6.1: Vegetation quality: central ectope, active Hush, soaks, bog woodland, 6: 24 Vegetation quality: bog mous (Folgespum) species, 7: Talemonts folded districtiveness Nagetale epitoina Indicators, 10.0 Vegetation composition: native negative indicators species, 10.2 Vegetation composition: native negative indicator species, 12 Water quality	PLOI: Drainage (mixed or Low unknown driven)	M433 Manage agricultural d'annage and water abstraction (mich the enciratoria on d'annel or hydrologically altered habitati).	Statutory	Consert required for new land duringe and injustion works on lands used for agriculture.	51.No. 456/2021 EC EIA (Apriculture) Regs. 2021, as, amended	Department of Agriculture Food and Marine (DAFM)	2011+	All government plans and policy documents are cognisant of these protections
3	Hydrological regime - water levels, 4.2 Hydrological regime- flow patterns, 5.7 resistional areas between high long and adjacent mineral solis (including culover areas), 6.1 Vegetation quality: central excepts, eather hash, solar, bog woodland, 6.3 Vegetation quality pers, eather hash, solar perceit, 7.1 Typical Addi species: Runz, 7.2 Typical Addi species: franz, 8. Ements Vegetation composition: name registre indicator species, 1.0 Vegetation composition: name registre indicator species, 1.0 Vegetation composition: non-native invasive species, 1.2 Water quality	PLI2D Iorainage (mixed or Low unknown drivens)	MOB Manage charge in hydrological and costat ynterna are regiment for construction and developmen (ind. restoration of habitats).	Statutory	Consert required for works on, or alterations to the bank, but or flow of a dark wateroouse or waterbody, if not covered by other regulations.	European Union Nabilitats (Monulations Ross Sectial Area of Conservation 000580) Reputations 2012	Government and Heritage (PURGHI/ National Paris and Wildlife Service (NPWS)	1997+	All government plans and policy documents are cognisant of these protections
4	 Habitat area, 2: Habitat Distribution, 3: High Bog Anex, 4.1 Hydrological regime-water levels, 4: Juylorodigical regime- flow patterns, 5: Transitional areas between high Bog and adjacent mixed solid pickularing culowers with 5: A: Vegetation display to the solid solid solid solid solid solid solid Vegetation quality mixer to coparghical features, 6: A: Add B species: franz, 7: Stripical Add S species: frauna, 8: Elements of local distinctioness 9: Negative physical indications, 10: Jugetation composition mon-native invasive species, 1:2 Vegetation cally compared to the species of the species of the species of the species Vegetation composition mon-native invasive species, 1:2 Vegetation quality 	PI02 Drainage (mixed or Low unknown drivers)	MOB Manage change in hydrological and coasta spotem and regimes for construction and developmen (ind. restoration of habitats).	Statutory	Consert required for dariage works including digping despening, widening or blocking darin, watercourse or waterbody) if not overed by other regulations.	European Union Habitats (Mompan Ros Special Area of Conservation 000580) Regulations 2012	Government and Heritage (DHLCHJ/ National Parks and Wildlife Service (NPWS)	2022+	<u>National Postland Stategy</u>
	Hydrological regime - water levels, 4.2 Hydrological regime - flow patterns, 5.7 resistional areas between high long and adjacent mismari kolik (including culture areas), 6.1 Vegetation Vegetation quality hog mos (sphapmin) lopenter, 3.1 Vegetation quality hog mos (sphapmin) lopenter, 3.1 Typical All species: flow, 2.7 Typical All species: flow, 2.7 Typical All species: flow, 2.7 Typical All species: flow, 3.0 Line (flow) distinctiveness 9. Negate physical indicators, 10.1 Vegetation composition: non-rative measive species, 12 Water quality	PLI2 Drainage (mixed or Low unknown drivers)	MOB Manage change in hydrological and coastal system and regimes for construction and developmen (ind. restoration of habitats).	Contractual	14 Shm/100K of the requisite drains have been blocked on this site.	Mongan Bog SAC Restoration Plan	Department of Housing, local Government and lentrage (PIREM)/ National Parks and Wildlife Service (NPWS)	2002+	All government plans and policy documents are cognisant of these protections
6	1: Habitar sera, 3: Habitar Distribution, 3: High Bog Ares, 4.1 Hydrologiai regime: water levels, 4: 24 Hydrologiai regime- flow patterns, 5: Transitional areas between high Bog and adjacent mixed solid (including culower areas), 6.3: Vegetation adjacent areas of a long final data and an adjacent areas of a long transition upathy: mixer to topargiphical features, 5.3: Type (section upathy: pomos (Sphagman)) percent, 3: Typical ARB species: flow, 7.2 Typical AB species: fauna, 8. Elements of local distributiones 9: Negative physical indicators, 10.1 Vegetation composition: more native maskine genetics, 13: Weter quarky	agricultural land	Ma13 Manage agricultural d'aninge and water abstraction (mich the restantion of d'anined or hydrologically altered habitat)	Administrative	Monitoring and reporting of network time activity at the SAC Direct importance for DMA Continently complete or via other state Authorities (via Cross Reporting) to Integrated Controls Division in DAFM.	Conservation Ranger Ste monitoring, (Cross. Compliance)	Department of Agriculture Food and Marine (DAFM)	2022+	National Pestiand Stategy
7	 Habita ren, 2: Habitat Distribution, 3: High Bag Ares, 4.1 Hydrologial regime: water levels, 4.2 Hydrologial regime- flaw patterns, 5: Transitional areas between high Bog and adjacent mixed solid (hodring) (colore wates, 6.1 Vegetation degrades) (hodring) (colore wates), 6.1 Vegetation vegetation quality mixer to appropriabilita features, 8.3 All Species: Ren, 7.2 Typical ABS species: Fauna, 8. Elements of local distinctionesses > Negative Syndau Indicators, 10.1 Vegetation canality on second syndau indicators, 10.1 All Species: Ren, 7.2 Typical ABS species: Fauna, 8. Elements of local distinctionesses > Negative Syndau Indicators, 10.1 Vegetation camposition: non-native invasive species, 12 Weter quality 	COS Fest Eduction Low	M012Adge/mange extraction of non-energy resources	Contractual(Administrative	The Cessito of Turf Cuting Compension Scheme (FICS) intentivises the exaction of parts stratical orbit within raised by SACS. There is no peet extraction on this SAC site. (1 participant in the CICS)	Terf Cotting Compensation Scheme.	Department of Housing, Isoal Government and Kentage (DHL40)/ National Parts and Wildlife Service (NeWS)	2011+	<u>National Pestinol Stategy</u>

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:
8	Jacimizer as per 2540 at 1547-backins 3. High Bag Ares, 4.1 Hydrologial mysers water fewls, 4.1 Hydrologial mg/mer flow patterns, 5. Transitonial areas between high bag and adjacent mineral osal (including cutore areas), 6.1 Vegetation quality control ecotype, active flush, soats, bag woodland, 6.2 Vegetation quality hours to topographic flushterse, 6.3 Vegetation quality control topographic flushterse, 6.3 Vegetation quality control topographic flushterse, 6.3 Vegetation control flushterse, 7.3 Typical AB species: flush, 7.2 T	ICO Gee 2025	Low	10 OBC 2019-2029 AGO Adaption mage extraction of non-energy resources	Contractual/Administrative	The Volument Bug Porchase Scheme & Bollitate the state purchase of long land/untury rights, to date 2.342 Acres of Freehold purchased in 2 transaction	Yoluntary Rog Purchase Scheme	Operating Social Social Concernment and Interage (Intellight Concernment and Interage (Intellight) National Parks and Wildle Sorvice (NPWS)	1999-2010	National Petitiand Scattegy
9	1 Holdner ann, J. Holdner Hondwarn, J. High Bag Ann, 4.1 Hydrologial regime water freeht, 4.1 Hydrologial regime flow pattern, 5. Transborul areas between high bag and adjectret mixer all solit (including curdow reas), 6.1 Vogetation quality central ectype, active Hush, soaks, bag woodland, 6.2 Vogetation quality room to togosphale lister stand, 8.1 Event and Bag senders: Marz, 7.1 Spical AMB agenetics tand, 8.1 Event Mark Stand, 1.2 Typical AMB agenetics tand, 8.1 Event Vogetation composition: native negative indicator species, 10.2 Wegetation composition: non-native invasive species, 12 Water quality		Low	MCD3: Adapt/manage extraction of non-energy resources	Contractual/Administrative	The Protecting Radied Bug Resource incentive Scheme facilitates the resources of busies which the SAC. There is connently no part extraction within this SAC.	The Protected Raised Bog Restoration incenting Editmet	Department of Housing, Local Government and Heritage (DHLGH) National Parks and Wildlife Service (NPWS)	2018+	National Peatland Strategy
10	 Habitat area, 2: Habitat Distribution, 3: High Big Area, 4.3 Hydrologial angine, water levels, 4.2 Hydrologial regime- flow patterns, 5: Transitional areas between high Big and adjacent mixed solid priceding cultures areas (5.1 Vagetation discontection), and the solid solid solid solid solid Vagetation quality from to topographical features, 6.3 Wegetation quality from top topographical features, 6.3 Wegetation quality from topographical features, 6.3 Wegetation quality from sol (Sphagmun) patient, 3.2 Typical All species: fran, 7.2 Typical All species: fraun, 8. Elements of found distributions 5. Negative physical indicators. 10: 10: Wegetation composition: non-native invasive species, 12 Water quality 		Low	MPDB Manage changes in hydrological and coastal patterns and regime for construction and development (incl. restoration of habitats).	Contractual/Administrative	encourage communities, local organisations and other parties to become involved in the enhancement of the SAC site and raise awareness	Peatlands and Natura Community Encagement. Scheme	Department of Housing, Local Government and Heritage (PULGH)/ National Parks and Wildlife Service (NPWS)	2022+	National Baixed Bog SAC Management Plan 2017-2022
11	 Habitat area, Z. Habitat Distribution, 3. High Big Area, 4.3 High/dioglat regime - water levels, 4.2 High/dioglat regime - flow patterns, 5. Transitional areas between high Big and major contral exception of the state of the state of the adjust contral exception patient fuels, state and the Vegetation quality micro toographical features, 6.3 Vegetation quality per source (Shagama) paces, 7.3 Typical ARB species: Ronz, 7.2 Typical ARB species; Fauna, 8. Elements of local distributioness > Negative hybridine species, 1.0 Livical Vegetation composition: nanime regative indicator patient; D.0.2 Vegetation composition: nanime regative indicator patient; D.0.2 Vegetation composition: nanime regative indicator patient; D.0.2 Vegetation: composition: nanime regative indicator patient; D.0.2 Vegetation: 	All/Other Relevant Threats and Pressures		M001 Implement climate change mitigation measures	Administrative	A roadmag of actions to assist in the achievement of alimate change objectives by no later than the end of the year 2050	Irelands Climate Action Plan 2024	All Government Departments	2024+	All government policies are cognisant of this plan.
12	1 Habitat sreg. 2: Habitat Distribution, 3: High Bog Ares, 4.1 Hydrologial regime: water levels, 4.2 Hydrologial regime- flow patterns, 5: Transitional areas between high Bog and adjacent mixerial oxide (including curver areas), 6.3 Vagetation display to the state of the state of the state of the state Vagetation quality mixer to topographical features, 6.3 All genetics: fora, 7.2 Typical ABB species: fauna, 8. Lements of Total distinctiveness 9: Nagetate Physical Instations, 10.2 Vagetation composition: native regative indicator species, 1.2 Valuer quality	Al/Other Relevant Threats and Pressures		MBD: Prevent conversion of (cmm) instant al habitat into forests and of cmmi) natural forests into intensive forest pluntation	Statutory	Loations and lard types of afforestation projects are limited $q_{\rm c}$. For extry constrained to solis with peat depth of 30cm or less.	<u>Userniko grocečnik v is ferintri Appulation 2017 (S.)</u> Na: 191 of 2017), as annoted.	Department of Agriculture Food and Marine (DAFM)/Forestry Division	2017+	National Biodiversity Action Plan
13	 Habitat area, J. Habitat Distribution, 3. High Big Area, 4.3 Hydrological regime - water levels, 4.2 Hydrological regime - flow patterns, 5. Transitional areas between high Big and market and the state of the state of the state of the address of the state of the state of the state of the Address of the state of the state of the state of the Address of the state of the state of the state of the Address of the state of the state of the state of the Address of the state of the state of the state of the Address of the state of the state of the state of the Address of the state of the state of the state of the Address of the state of the state of the state of the Address of the state of the state of the state of the Address of the Address of the state of the Address of the Addr	Pressures		MBD2 Prevent conversion of (emm.) instand habitats into forests and of emm.) instand forests into intensive forest pluntation	Statutory	Planting of trees or multi-annual bioenergy crops if not covered by the Ferentry regulations.	Conservation 000580) Regulations 2017	Government and Heritage [DHLGH]/ National Parks and Wildlife Service (NPWS)	1997+	National Postional Statepy
14		All/Other Relevant Threats and Pressures		MADS Adapt mowing, grazing and other equivalent agricultural activities (e.g. burning)	Statutory	Consent required for burning, topping, clearing coub or rough wegetation or reseeding if not covered by other regulations.	European Union Habitats (Mongan Ros Special Area of Conservation 000580) Regulations 2017	Department of Housing, Local Government and Heritage (PUKGH)/ National Parks and Wildlife Service (NPWS)	1997+	All government plans and policy documents are cograam of these protections
15		All/Other Relevant Threats and Pressures		14005 Adapt mowing, grazing and other equivalent apricultural activities (e.g. burning)	Statutory	Controls burning of agricultural waste.	S1. No 286 of 2009 Wester Management (Prohibition of Watte Disposal by Iwming) Regulations 2009	Department of the Environment. Climate and Communications following consultations with the Department of Agriculture, Food and the Marine.	2009+	Waste Management Act 1996

Mongan Bog SAC 000580 Habitat: Active Raised Bog [7110] Site Specific Conservation Objectives (SSCO): To restore the favourable conservation condition of Active raised bogs in Mongan Bog SAC 000580

No	Ecological Requirements	Pressure /Threat	Prosture/Threat Panking	EU Conservation Measure Type	Measure Category	Conservation Measure	Delivery mechanism	Public Authority with statutory	Implementation	Integration with high level plans/policy:
INU.	(Attributes as per SSCO)	(EU Code 2025)	riessure, meaning	(EU Code 2019-2024)	measure category	conservation measure	beivery meetalism	responsibility	timeframe	integration with high it ver plans/poney.
16	1. Habitat area, 2. Habitat Distribution, 3. High Bog Area, 4.1	All/Other Relevant Threats and		MA0S Adapt mowing, grazing and other equivalent	Statutory	Restricted destruction of vegetation on uncultivated land.	Wildlife Act 1976 as amended	Department of Housing, Local	1976	Wildlife Act 1976
	Indebidgial angles water levels, 41 Michael and 1990 and high-flag and angles water levels, 41 Michael angles and adjectmi mice adds (Including Cutore area), 61 Vogetation quality, certaria ecotype, active flag, to age atom Vegetation quality, toge moss (Schagnum) species, 7.1 Systal ABS species: Flore, 7.2 Vipical ABS species: Flore, 7.2 Vipical ABS species: Flore, 7.2 Vipical ABS species: Flore, 7.2 Vipical ABS species: Flore, 7.2 Vipical ABS species: Flore, 7.2 Vipical ABS species: Flore, 7.2 Vipical ABS species: Flore, 7.2 Vipical ABS species: Flore, 7.2 Vipical ABS species: Flore, 7.2 Vipical ABS species: Flore, 7.2 Vipical ABS species: Flore, 7.0 Vegetation composition: rubite negative hypical indicators, 9.0.1	Pressures		monoung trooms generation a court operation agricultural activities (e.g. burning)	Zabaday			Government and Heritage (DHLGH)/ National Parks and Wildlife Service (NPWS)	270	
	Vegetation composition: non-native invasive species, 12 Water quality									
17	 Hohtar eres, J.: Habitat Distribution, J.: High blag Ares, 4.1 High/holgical regime - water levels, 4.2 Hiddrogical regime flow patterns, S.: Transitional areas: between high blag and and the start of the start of the start of the start of the ugathy certral coopyer, ather fash, scales, blag woodshot, 6.2 Viegetation quality, micro topographical features, 6.3 Viegetation quality, micro topographical features, 6.3 Viegetation quality, micro topographical features, 6.4 Viegetation composition: mains register and the start of the Viegetation composition: mains register indicator species, 1.2 Viegetation composition: mains register indicator species, 1.2 Viegetation composition: main register indicator species, 1.2 Viegetation composition: mains register indicator species, 1.2 Viegetation composition: main register indicator species, 1.2 Viegetation composition: mains register indicator species, 1.2 Viegetation composition: main register indicator species, 1.2 Viegetation composition: main register indicator species, 1.2 Viegetation composition: mains register indicator species, 1.2 Viegetation composition: main register indicator species, 1.2 Viegetation register indicator species, 1.2 Viegetation composition: main register indicator species, 1.2 Viegetation composition:			M033 Rectange freshwater, wetlands and coastal M034 Monta (mathematical provided and modifications) modifications.	Administrative	to stateholders.	NEWS Conservation Ranger network and Repipal Management apport da A subhinosis of Differs under EC Birds and Natural Habitats Rept. 2011, as amended.	National Parks and Widlife Service (NPWS)	1997+	National Postland Stategy_
18	 Hohtar area, J.: Habitat Distribution, J.: High Big Area, 4.1 Hydrological regime - watch revist, 4.2 Hydrological regime flow patterns, 5.: Transitional areas between high Dog and an environment of the state of the state of the state analyse criteria corpus, earther floh, J. acho, Bay Andella, 4.2 Vegetation quality, micro topographical features, 6.3 Vegetation quality, bernios Ghapamon Jopein, 7.1 Typical ARB species: flow, 7.2 Typical ARB species: flaux, 8.: Elements of local distinctioness. 9. Registre Physical indicators, 10.1 Vegetation composition: mainter negative indicators pecies, 12 West and the state of the state of the state of the state of the state Vegetation composition: mainter negative indicators pecies, 12 West analyty. 	All/Other Relevant Threats and Pressures		MCD2 Adapt/manage exploitation of energy resources	Administrative	The publication of a restoration plan for this site.	<u>Mongan Bog SAC Excitoration Plan</u>	Department of Housing, Local Government and Heritage (DHLGH)/ National Parks and Wildlife Service (NPWS)	2017+	<u>National Pestinol Statesy</u>
19	 Habita tawa, 2. Habitat Distribution, 3. High Bog Ares, 4.3 Hydrologial regime - watter levels, 4.3 Hydrologial regime- flow patterns, 5. Transitional areas between high bog and adjecent mixed solis (Including: cottower and), 6.1 Vegetation quality, central ecotype, active flush, soaks, bog woodland, 6.2 Vegetation quality, mixed tables, and a solitoxis, 6.3 Hydrologial and the solitoxis of the solitoxis, 6.3 Hydrologial and tables, 1.0 Lydrologian composition, non- native invasive percies, 1.1.2 r quality, nitrogen deposition 12 Water quality 	Al/Other Relevant Threats and Pressures.		MO22 Adapt/manage exploitation of energy resources	Statutory	Control of activities, if not covered by other regulations, which could negatively impact on Mongan Bog SAC.	Turgen Linien Hahlaris, Titrorgan Bas Saccia Area de Canaervation 0005801 Regulations 2017	Department of Housing, Local Government and keristage (Dikkom)/ National Parks and Wikifife Service (NPWS)	1997+	All government policies are cognisant of these Regulations.