Site Name: Redwood Bog SAC 002353 County: Tipperary

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 Redwood Bog SAC 002353
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 Redwood Bog SAC 002353.

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	Hobbst ergs 2, Hobbst Dimbusion 2, High Bag Area, 41 Hydrological regime - watter level, 42, Hydrological regime- flow patterns, 5, Transitional areas between high bag and adjacent mineral tool (Including cutorew ress), 6, 11 Vgertaton quality: central ecctype, acter fluch; soaks, bag woodland, 6, 2 Vgertation quality: micrologographical features, 6, 31 Vgertaton quality: long moss (Bphagnum) species, 7, 11 Vjerial ABB species: from, 22 Typical ABB species: fauna, 4 Elements of local distinctiveness 3. Negative physical indicators, 10.1 Vgertation composition: naiva Bagreis: fauna, 4 Elements of local composition: naiva Registre indicators, 20 Vgertation composition: naiva Registre indicator species, 10.2 Vgertation composition: naiva Registre Re	led dow zoes/ PCD2 Drainage (mixed or unknown drivers)	High	MRGA Munage change in hydrological and coastal systems and regime for construction and development (incl. restoration of habitato).	Statutory	Regulation controlling development including associated drainage.	 NO. 600(200) Fluoring and Development. <u>Regulations</u> 2001, as amended 	Local Authority (Tipperary County Council)/An Bord Pleanala (ABP)	2001+	All government plans and policy documents are cognisant of these protections
2	I Hobits eres, 2. Hobitst Distribution, 3. High Bog Aren, 4.1 Hydrological regime - watter level, 4.2. Hydrological regime- flow patterns, 5. Transitional areas between high bog and adjecent mineral solis (Including Cutores ware), 6.1 Vegettaton quality: central accorpte, acter flush, scales, bog woodland, 6.2 Vegetation quality: microtopographile latence, 3.2 Vegettaton quality: oga most (Sphagnum) percins, 7.1. Typical AMB species: districtionens 3. Megality by hydral inclutions, 10.1 Vegettation composition: native negative indicator species, 10.2 Vegetation composition: nonnative invasive species, 12 Water quality	P422 Drainage (mixed or unknown drivers)	High	MRIB Musiger changes in hydrological and coastal system and regimes for coastaction and development (incl. restoration of habitats).	Statutory	Concert 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 Linon Hahbart (Reduced for Spring) of Conservation 002353) Regulation 2021	Department of Housing, Local Government and Netratage (DHLGH)/ National Parks and Wikilite Service (NPWS)	2002+	All government plans and policy documents are cognisant of these protections
3	 Hobita teres, 2. Hobitat Distribution, 3. High Bog Xers, 4.1 Hydrological regime - watter level, 4.2. Hydrological regime flow patterns, 5. Transitional areas between high bog and algeernt mineral solis (Including cutores ware), 6.1 Vegetation quality: central accitype, active flush, scales, bog woodland, 6.2 Vegetation quality: microtopographila learnes, 6.3 Vegetation quality: log mosts (Bohagumi) species, 7.3 Typical AMB species: flams, 7.3 Typical AMB species: flams, 6.1 Meents of local distancements 3. Negative physical indicators, 10.1 Vegetation composition into registric indicators, 10.2 Vegetation composition: nonnative invasive species, 3.3 Vedetar quality 	PLO2 Drainage (mixed or unknown drivers)	High	MRB Margae changes in hydrological and castal system and regimes for constrained and development (incl. restoration of habitats).	Statutory	Consert required for drainage works including digping despening, widening or bologic adm, waterourse or waterbody) if not covered by other regulations.	European Urino Habitati, Bedwood Bog Special Area ef Conservation 0023533 Begulation 2021	Department of Housing, Load Government and Netrage (DHLcH)/ National Parks and Wikilité Service (NPWS)	2002+	All government plans and policy documents are cognisant of these protections
4	 Hobita teres, 2. Hobitat Distribution, 3. High Bog Xers, 4.1 Hydrological regime - water levels, 4.2 Hydrological regime flow patterns, 5. Transitional areas between high bog and adjecent minest onlicituding cutores wares), 6.1 Vegetation quality: central ecotype, active flush; soaks, bog soodbard, 6.2 Vegetation quality: micrologographical ecoters, 6.3 Vegetation (adjecent minest and patterns), 4.0 Hydrological regime forum, 7.2 Tapical AB species; funsa, 8. Elements of boat distanciences 30, begine levelski indicator species, 10.2 Vegetation composition: native negative indicator species, 10.2 Vegetation composition: native negative indicator galexies, 12.2 Water quality 	PA22 Drainage for use as agricultural land	High	MA13 Mangae agricultural dramage and water abstraction (inc), the restoration of drained or hydrologically altered habitats).	Statutory	Consent required for new land drainage and irrigation works on lands used for agriculture.	<u>5.1%, 455/2011 fC fA (Apriculture) Rep. 2011, an</u> amended	Department of Agriculture Food and Marine (DAFM)	2011+	All government plans and policy documents are cognicant of these protections
5	1. Hobitat area, 2. Hobitat Distribution, 3. High Biog Kare, 4.1 Hydrological regime - water levels, 4.2 Hydrological regime- flow patterns, 5. Transitional areas between high log and adjuent minorial solit (hudding culoser sens), 6.1 Vegettation galartist and the soliton galartist and the soliton of the soliton Vegettation galarty: micrologoraphical features, 6.1 Vegettation camposition: native registre indicator spaces. 10.2 Vegettation composition: native registre indicator spaces. 10.2 Vegettation composition: native registre indicator spaces. 10.2 Vegettation composition: network registre indicator spaces. 20.2 Vegettation composition: network registre indicator spaces. 20.2 Vegettation composition: network in loss in spaces. 3.2 Vegettation	PA22 Drainage for use as agricultural land	High	MA13 Manage apricultural domange and water abstraction (m.d. estoration of drained or hydrologically altered habitats)	Administrative	napectos for DAMA Conditionality compliance or via other state Authorities (via Cross Reporting) to Integrated Controls, Division in DAFM.	OAM BIS Configuration II Year Inspection - NVX Connectation Inspect Set monitoring. (Cons. Compliance)	Department of Agriculture Food and Marine (DAFM)	1997+	All government plans and policy documents are cognisant of these protections
6	Li Habita tere, 2. Habitat Distribution, 3. High Big Aren, 4.1 Hydrological regime - water level, 4.2 Hydrological regime- flow patterns, 5. Transitional areas between high bog and adjuent minaris allo floading citotome sensi, 6.1 Strigatical Wegstation quality, microtroporparhial features, 6.1 Wygettion quality: Jog mossi Splaymani psycies. 7. Jirpicial ABB species: floar, 7.2 Typicial ABB species: Tunua, 8. Elements of local distinctiveness 5. Beginter physical indicators, 10.1 Wygettion composition: nation registre indicator species, 10.2 Vygettion composition: nations invasite species; 1.2 Hoart quality in the species of the species of the species of the species of the species floar, 2.7 Hoart additioned to species; 1.0 Livegettiality interpretistical models invasite species; 1.2 Hoart quality in the species of the species of the species of the species of the species floar and the species of the species of the species of the species floar and the species of the species of the species of the species floar and the species of the specie		Low	MCD1 Adapt/manage extraction of non-energy resources	Contractual/Administrative	The Volumera log Purchase Scheme Kollitates the state purchase of bio (individuely right), currently there is no part extraction which this SAC 25 sales completed under the Volumary Bog Purchase Scheme. This represents 21.0075 Acres of Freshold purchased.	Voluntary Bog Parchase Scheme.	Department of Housing, Local Government and Heritage (PULGH)/ National Parks and Wildlife Service (NPWS)	2022+	National Raned Rog SAC Management Plan 2017 2022
7	I Hohot ures, 2: Hohot Dirivation, 3: High Bag Kens, 4.1 Hydroligical regime-matter limits, 4: Hydrological regime- flow patterns, 5: Transitional areas between high bag and adjuent mixed table licituding cataver areas ().4: Livgertation gashly: central acceptse, actes flush, soaks, bags woodland, 6: 2 Vigertation gashly: micrologographile licitudes, 6: 3: Vegettation gashly: bag moss (Bphagnum) species, 7:1 Vigettat M8 species: flush, 2: 3: Vigettat Bay species; Tanus, 1: Eventse of local distinctiveness 9. Registre physical indicators, 10: Vegettation composition: rative negative indicator species, 10: 2: Vegettation composition: rative invasive species, 12: Watter quality	PCOS Peat Extraction	Low	MCD1 Adapt/manage extraction of non-energy reportes	Contractual/Administrative	The Patientian and Natura Community Engineeries Cheme encourage communities, load organizations and other particle to become involved in the enhancement of the SAC site and raise materies.	Peatlands and Hatura Community Engagement. Scheme	Department of Housing, Local Government and Heritage (DHLGH)/ National Packs and Waldle Service (NPWS)	2022+	National Raised Bog S4C Management Plan 2017 3022

No.	Ecological Requirements	Pressure /Threat		EU Conservation Measure Type	Measure Category	Conservation Measure	Delivery mechanism	Public Authority with statutory	Implementation	Integration with high level plans/policy:
	(Attributes as per SSCO)	(EU Code 2025) PC05 Peat Extraction		(EU Code 2019-2024) MC01 Adapt/manage extraction of non-energy		The Cessation of Turf Cutting Compensation Scheme (CTCCS)	Turf Cutting Compensation Scheme	responsibility Department of Housing, Local	timeframe 2011+	National Peatland Strategy
8	Hydrologial regime - water levels, 4.2 Mydrologial regime - flore patterns, 5.7 missional areas between high log and adjacent mineral solit (including cutover areas), 6.1 Wegetation quality: crimital explore, statefin full, solate, solation, 6.2 Wegetation for quality: microtopop pathial features, 6.3 Wegetation form, 2.2 Typical adjaces: Instrume, 5.8 Wegetation district/weness.9. Negative physical indicators, 10.1 Wegetation composition: native negative indicator species, 10.2 Wegetation composition: native negative indicator species, 10.2 Wegetation composition: nonative invasive species, 12 Water quality			resources		incentises the creation of peat extraction activity within raised log SACS. Currently three is no peat extraction within this SAC. 74 people have availed of this scheme.		Government and Heritage (DUGAH) National Parka and Widdle Service (NPWS)		
9	 Habita teres, Z. Habitat Distribution, J. High Bio Ares, 4.3 Hydrological regime - water levels, 4.2 Hydrological regime- flow patterns, S. Transitional areas between high Biog and adjacent mineral solid (Hodding culowareasis, 1.6.1 Wegatitation galatic) rep mores (Sangharum) species, 7.1 Typical ARB species Rosz, 2.7 Zypical ARB species: Runa, 8. Elements of Iscal distributiveness 3.9 Magnetive Indicator species, 10.3 Wegatiton composition: native negative indicator species, 10.3 Wegatiton composition: nonvariative invasive species, 10.3 Wegatiton composition: nonvariative invasive species, 10.3 Wegatiton species, 10.3 Wegatiton Sanghara Sang	PC05 Post Extraction	Low	M011Adapt/manage extraction of non-energy resources	Contractual/Administrative	The Protected Based Bay Restoration Incentive Scheme facilitates the extension of and and with the SAC. Currently there is no pest estraction within this SAC	The Protected Basical Ray Restoration incentive.	Department of Housing, Local Government and Heringe (DHLGH)/ National Parks and Widlife Service (NPWS)	2021	National Pauliand Stratege
10	1. Holder terms, 2. Hasheat Hondowins, 3. High Bing area, 4.1. Hydrogland prime watch revisels, 4.2. Hydrogland program and provide terms, 5. Transitional areas between high bing and adjacent mineral toll (Hondrigh accurate mass), 6.2. Wegatation quality control ecotype, active fluid, soats, 6.2 way dynation quality processing, 2.4. Hydra Mark Species: Roy, 2.7. Yipical ARS pecies: Runn, 8. Sensets, 10.2. Wegatation quality the gastive physical indicators, 10.1. Wegatation quality the gastive physical indicators, 10.1. Wegatation distinctiveness 3. Negative physical indicators, 10.1. Wegatation composition: naive engative indicator species, 1.2.4. equality- nic regions of physical in 2.4. And engality and the species of the species of the species of the species integrand explosition 3.1. Water quality.	All/Other relevant Threats and Pressures		MI01 Implement climate change mitigation measures	Administrative	A nodemap of actions to axisk in the achievment of climate change objectives by no later than the end of the year 2050	Irrênds Climate Action Pian 2024	All Government Departments	2024+	At government policies are cognitant of this plan.
11	1. Habitar sen, 2. Habitar Ostrihanion, 3. High Big Area, 4.1. Hydrological regime west revisel, 4.2. Hydrological regime- flow gatterm, 5. Transitional areas between high Bog and adjacent mineral solit (Finduling cutowareas), 6.1. Vegetation quality: control ecotype, active fluid, solatis, bog woodland, 6.2. Vegetation quality: proceed, 7.1. Typical ARB species: flow, 2.7. Typical ARB species: flow, B. Elements of local distinctivenes; 9. Negative physical indicators, 10.1. Vegetation comparison: a species of the species, 10.2. Vegetation composition: naive engative middator species, 10.2. Vegetation composition: naive engative middator species, 10.2. Vegetation composition: naive engative middator species, 10.2. Vegetation controgen deposition 12. Water quality:	All/Other relevant Threats and Pressures		MC02 Adapt/manage exploitation of energy resources	Administrative	Publication of a restonation plan for this SAC site.	Bedwood Bog SAC Restoration Plan	Department of Housing, Local Government and Heritage (DUCH)/ National Prinz and Wildle Service (NPWS)	2017+	All government, plans and policy documents are coprised of these protections
	 Haltar area, Z. Habitat Ostrohusion, 3. High Big Area, 4.1 Hydrological regime- water levels, 4.2 Hydrological regime- flow patterns, 5. Transitional areas between high Bog and adjecner mineral colin (Ruduin, custors, areas, 16.1 Vegetation quality: crutical exotype, active fluid, soaks, beg woodband, 6.2 Vegetar) for gamming the strategiest and the strategiest and trans, 2.7 Dynical ARB species: Trans, 8. Elements of board districtiveness 3.9 Asymptote physical indicator species, 10.2 Vegetation composition: native negative indicator species, 10.2 Vegetation mitogen deposition 12 Water quality 	<u>Pressures</u>		MBD Prevent conversion of (semi) natural habitats into forests and (cemi) natural forests into intensive forest plantation	Statutory	Consert required for the glanting of trees or multi-annual bioenergy crops if not covered by Forestry Regulations.	European Union Habitati, Bedwood Bog Secola Area of Communition 0023533 Resultations 2021	Department of Housing, Local Government and Windline Service National Parks and Wildlife Service (NPWS)	2002+	National Pestiand Strategy
	 Habita tere, J.: Hobitat Distribution, 3.: High Bag Ares, 4.: Hydrological regime- Wardongical regime- ward research and the second second second second analyse central excepts, asther Main, Stack, Bog woodlin, 6.2. Vegetation quality: microtopogabical features, 6.3. Vegetation quality by emos (Schapmun) species, 7.: Yopical AMB species flora, 7.2. Typical AMB species: Finume, 8. Elements of local emogration and the species frame, 8. Elements of local emogration constative invasive species, 10.2. Vegetation composition nonable invasive species, 11.4.or quality: nitrogen deposition 122 Water quality 	Pressures		MADS Adapt mowing, grazing and other equivalent apricultural activities (e.g. burning)	Statutory	Concert required for burning, topping, clearing scrub ar rough wegtation or reseeding if not covered by other regulations.	European Usen: Habitats (Reflexed Boy Section Area of Conservation 002133) Repulsitions 2021	Department of Housing, Local Government and Hering (DHLGH)/ National Paris and Wildlife Service (NPWS)	2002+	All government plans and policy documents are cognisant. of these protections
14	 Habitar area, Z. Habitar Distribution, 3. High Big Area, 4.1 Hydrological regime - water levels, 4.2 Hydrological regime- flow patterns, S. Transitional areas between high Bog and adjecrent minest olin (Houding culture areas), 6.1 Vegetation quality: control ecotype, active fluids, toaks, bag woodband, 6.2 Vegetation quality: proteins/patterns, 6.1 Vegetation quality: program and the strain of the strain strain quality: program and the strain strain strain strain quality: program by Bog and the strain strain strain quality: program by Bog and the strain strain strain quality: program by Bog and the strain strain strain distributions: Strain strain strain strain strain strain composition: native negative indicator species, 10.2 vegetation morposition: native invasive species; 1.1 Ar quality: nitrogen deposition 12 Water quality 	All/Other relevant. Threats and. Pressures.		MA05 Adapt mowing, grazing and other equivalent agricultural activities (e.g. burning)	Statutory	Controls burning of agricultural waste.	5.1.No.286 of 2009 Waste Management (Prohibition of Waste Disposal to, Burring) Sepulations 2009	Department of the Environment, Climate and Communication following consultation with the Department of Agriculture, Food and the Marine.	2009+	Waste Management Act 1996

Redwood Bog SAC 002353 Habitat: Active Raised Bog [7110] Site Specific Conservation Objectives (SSCO): To restore the favourable conservation condition of Active raised bogs in Redwood Bog SAC 002353

2025

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:
15	1. Habitar area, 2. Habitar Distribution, 3. High Big Area, 4.1 Hydrological regime, water levels, 4.2 Hydrological regime- flow patterns, 5. Transitional areas between high bog and adjecent micro-logic (including, cutoer wares), 6.1 Vegettaion quality: contral ecotype, active flush, soaks, bog woodland, 6.2 Vegettaion quality: proceeding, 2.1 Typical ABB species: flush, 2.1 Typical ABB species: hum, 8.2 Bitems to 8 local distinctiveness 3. Registre physical indicators, 10.1 Vegettaion composition: naive engainse microlatory species, 10.2 Vegettaion composition: naive engainse indicator, getters, 10.2 Vegettaion composition: naive engainse indicator, getters, 10.2 Vegettaion composition: naive engainse indicator species, 11.2 Are quality: notingen disposition 12 Water quality.	All/Other relevant Threats and Pressures		MAG5 Adapt mowing, grazing and other equivalent agricultural activities (e.g. burning)	Statutory	Restricted destruction of vegetation on uncultivated land.	Weldlik Act 1976 as amended	Department of Housing, Local Government and Heritage (DHLGH)/ National Parks and Wildlife Service (NPWS)	1976	Wildlife Act 1976
16	L Habitar teras, 2. Habitar Estimutation, 3. High Biog Area, 4.1 Hydrological regime - water levels, 4.2 Hydrological regime- flow patterns, 5. Transitional areas between high log and adjecent mineral solit (including cutore areas), 6.1 Vogettation quality: central ecotype, active flush, soaks, bog woodbard, 6.2 Vogettation quality: micrologoarphilo fluences, 6.3 Vogettation quality: bog moss (Sphagurun) species, 7.1 Tyricial ABB species: fluences 3.9 Registre physical indicators, 10.1 Vogettation composition: native engains in discovers, 10.2 Vogettation composition: native engains in discovers, 10.2 Vogettation composition: native engains in discoverse, 10.2 Vogettation composition: native and the species, 11.4 equality:	All/Other relevant Threats and Pressures		MK03 Rectoring freshwater, wetlands and coastal habitast impacted by multi-purpose hydrological modifications.	Administrative	Public relations and information dissemination by authoritised officers to stakeholders.	NPVS Granesrustion Respect resolution and Resident Management appointed as Authorised Offener under ECBinds and Natural Habitats Rep. 2011. as amended.	Department of Hosing, Local Government and Heritage (DHGH)/ National Parks and Wildlife Service (NPWS)	1997+	National Peatend Stategy
17	1. Habitar area, 2. Habitar Distribution, 3. High Big Area, 4.1 Hydrological regime, water levels, 4.2 Hydrological regime- flow patterns, 5. Transitional areas between high bog and adjecent micro-logic (including, cutoer wares), 6.1 Vegettaion quality: contral ecotype, active fluid, soaks, bog woodland, 6.2 Vegettaion quality: proceeding, 2.1 Typical ABB species: fluid, 2.1 Typical ABB species: hand, 8.2 Bennets of local distinctiveness 3. Registre physical indicators, 10.1 Vegettaion composition: naive engainse microlatory species, 10.2 Vegettaion composition: naive engainse indicator, getter, 10.2 Vegettaion composition: naive engainse indicator, getter, 10.2 Vegettaion composition: naive engainse indicator parset, 10.2 Vegettaion composition: naive engainse indicator parset, 10.2 Vegettaion composition: 10 Water quality	All/Other relevant Threats and Pressures		MBD: Prevent conversion of (semi) natural habitats into forests and (cemi-) natural forests into intensive forest planation	Statutory	Locations and land types of afforestation projects are limited e.g. Forestry constrained to solik with pest depth of 30cm or less.	Uoming poordue via forestry Regulations 2017 (S.I. No. 193 of 2017), es amméded.	Department of Agriculture Food and Marine (DAFM)/Forestry Division	2017+	National Bodiversity Action Plan
18	1. Habita trans, 2. Habita fortholizono, 3. High Biog Ares, 4.1 Hydrological regime - water levels, 4.2 Hydrological regime- flow patterns, 5. Transitional areas between high log and adjecent mineral solit (including cutore areas), 6.1 Vegetation quality: contral ecotype, active fluid, solata, bog woodland, 6.2 Wegetation quality: micrologoa philol factores, 6.3 Vegetation quality: to genesis: Epideparumi poeter, 7.1 Tyricial ABB species: fluid, 7.2 Tyricial ABB species (Santon 10.1 Vegetation composition: native negative indicator species, 10.3 Vegetation composition: native negative indicator species, 10.1 Vegetation composition: native negative indicator species, 10.1 Vegetation composition: native invasive species, 10.1 Vegetation composition: native negative indicator species, 10.1 Vegetation composition: native native indicator species, 10.1 Vegetation composition: native negative indicator species, 10.1 Vegetation composition: native	All/Other relevant Threats and Pressures	High	MRB Musing changes in hydrological and coard lystem and regimes for coardian and development (incl. restoration of habitats).	Statutory	Control of activities, if not covered by other regulations which could negatively impact on Redwood Bog SAC.	Jangeon Linin Habbati, Berkeson Big Special Area of Contervation 0023531 Regulation: 2021	Department of Housing, Local Government and Heritage (DHGH)/ National Parks and Widlife Service (NPWS)	2002+	Al government plans and policy documents are cognisant of these protections