Site Name: Brown Bog SAC 002346

County: Longford

## 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       |
|      | Brown 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 Brown Bog SAC.                       |
|      |  |

2025 1

| No. | Ecological Requirements<br>(Attributes as per SSCO)  | Pressure /Threat<br>(EU Code 2025)            |      | EU Conservation Measure Type<br>(EU Code 2019-2024)  | Measure Category           | Conservation Measure  | Delivery mechanism   | Public Authority with statutory responsibility   | Implementation<br>timeframe | Integration with high level plans/policy:                                       |
|-----|--|---|------|--|----------------------------|---|--|--|-----------------------------|---|
| 1   | 1. Habitat area, 2. Habitat Borisholani, 3. High Bag Area, 4.1 Habitat Borisholani, 3. High Bag Area, 4.1 High deplogating regime - flow patterns, 5. Transitional area between high bog and adjournt mismed sold lipiteduding customer seals, 6.1 Vegetation analytic processing seals of the seal of the seal of the seals  | R02 Drainage (mixed or<br>unknown drivers)    | High | MRIB Manage changes in hydrological and coastal<br>yetem and regime construction and<br>development (incl. restoration of habitats),   | Statutory                  | Regulation controlling development including associated drainage.   | S.L. NO. 6607(203 Planning and Development,<br>Broadstone, 2001, as arrended.                                  | Local Authority (Longford County<br>Council)/An Bord Pleansla (ABP)  | 2001+                       | All government plans and policy documents are cognisant of these protections    |
| 2   | 1. Habitat area, 2. Habitat Distribution, 3. High Beg Area, 4.1 Habitat Distribution, 3. High Beg Area, 4.1 Habitat Distribution, 3. High Beg Area, 4.1 Habitat Distribution area between high beg and adjunct missed soil be (including cutower area (6.1 Vegetation qualify; northal excitype, active filiat, books, beg operating excity missed, books, beg operated processing or the company to the com | PA22 Drainage for use as<br>agricultural land | High | MASI Managa garciniral dishage and water abstraction<br>(incl. the restoration of dished or hydrologically abstrad<br>habitato).   | Statutory                  | Consent required for new land drainage and irrigation works on lands used for agriculture.  | SLING-866/2011 EC Bit Algoricultural Regs. 2011. ss.<br>amenided   | Department of Agriculture Food and Marine (DAFM)   | 2011+                       | All government plans and policy documents are cognisant of these protections    |
| 3   | 1. Hobitat arm. 2. Hobitat Brothshorn. 3. High Rig. Arm. 4.1 Hopfordigical regime—flow patterns. 4.7 Transitional area between high Day and adjacent mirrianal collinculum citoware surface. 1.6 Vegetation qualify: central ecotype, active filast, scale, log woodland, 6.2 Vegetation qualify incremotopage pather filastrum. 6.1 Vegetation qualify point motopage pather filastrum. 6.1 Vegetation qualify lygical distinguisher may be considered to filastrum. 6.1 Vegetation qualify lygical distinguisher may be considered to find distinctiveness 9. Negative physical indicators, 6.1 2 Vegetation composition: non-nailer invision species, 12 Water qualify.   | P.O.2 Drainage (mixed or unknown drivers)     | High | MYSI Mosega changes in hydringical and coastal systems and<br>regimes for construction and development (incl. restoration of<br>habitate).   | Statutory                  | Concert required for socials on, or alterations to the banks, bird or flow of a drain watercourse or waterbody, if not covered by other regulations.  | European Libra Habitas (Brown Bey Special Area of Conservation 002346) Regulations 2016                        | Department of Housing, Local<br>Covernment and Retrage (PHIGH)/<br>National Parks and Wildlife Service<br>(NPWS) | 2002+                       | All government plans and policy documents are<br>cognisant of these protections |
| 4   | 1. Habitat area, 2. Habitat Discribution, 3. High Bog Area, 4.1 Hydrollogical regime - unter levels, 4.2 Hydrollogical regime - unter levels, 4.2 Hydrollogical regime - unter levels, 4.2 Hydrollogical regime - unter levels, 4.3 Hydrollogical regime - unter levels, 4.3 Hydrollogical regime - unter levels, 4.3 Hydrollogical regime - unter levels, 5.3 Hydrollogical regime - unter levels, 5.3 Hydrollogical regime, 5.4 Hydrollogical r  | PLO2 Drainage (mixed or unknown drivers)      | High | MREEL Movement of human from the contract of t | Statutory                  | Consent required for drainage works including digging, deepening, widening or blocking a drain, watercourse or waterbody) if not covered by other regulations.  | Surgean Union Nabinst (Brown Bog Special Area of Contensation 002346) Regulations 2018                         | Department of Housing, Local<br>Government and Heritage (DHERH/<br>National Parks and Widdlie Service<br>(NPWS)  | 2002+                       | All government plans and policy documents are<br>cognizant of these protections |
| 5   | 1. Nabitat area, 2. Höhlart Bürbürbüron, 3. Hijh Big, Area, 4.1 High Vidroğlari agime - Mare Verley, 4.2 Hijhordigi arigime - flow patients, 5. Transitional area between high bog and adjocent mineral oils (lineding citoter area (3.6.1 Vegetation qualify; motional excitype, active flush, osaks, bog woodlind, 6.2 wegetation qualify; motionologo patient factors, 6.3. Higher discovers (1.6.1 High Vigetation) and the contrologo patient factors, 6.3. Higher discovers (1.6.1 High Vigetation) and the contrologo patient factors, 6.3. High Vigetation qualify; motion flush of the control of the  | PAZ2 Drainage for use as<br>agricultural land | High | MA31 Manga granufural drainage and water<br>abstraction (not restriction of drained or<br>shydrologically attered hubitant).   | Administrative             | Monitoring and reporting of relevant farm activity at the SAC-Direct imprecions for DMA Conditionality conglisher or via other state Authorities (via Cross Reporting) to Integrated Controls Division in DMM.  | DAMB BSS Conditionally a farm insections - NPMS,<br>Conservation Super Stam monitoring, Cross,<br>Consellance) | Department of Agriculture Food and Marine (DAPAI)  | 1997+                       | All government plans and policy documents are<br>cognisant of these protections |
| 6   | Hydrological regime - water levels, 4.2 Hydrological regime - flow patterns, 5.1 resistional area between high bog and adjacent mineral soils (including cutover areas), 6.1 Vegetation quality-central copyo, pattle flush, soils, bog woodland, 6.2 Vegetation quality-(microtopographical features, 6.3 Vegetation quality-(microtopographical features, 6.3 Vegetation quality-(per ones Sphagmung species, 7.1 Typical ABB species: flora, 7.2 Typical ABB species: flora, 7.2 Typical ABB species: flora, 7.2 Typical ABB species flora, 100 collections; flora, 100 col | PCOS Peat Estraction                          | Low  | MCDI. Adapt/manage extraction of non-energy resources  | Contractual/Administrative | The Prelations and Natura Community Engagement Scheme<br>concurage community, cold organizations and other parties to<br>become involved in the enhancement of the SAC site and raise<br>awareness  | Postlands and Natura Community Engagement.<br>Scheme   | Department of Housing, Local Covernment and Heratage (DHLGH) National Parks and Wildlife Service (NPWS)          | 2022+                       | National Bainerl Bog SAC Management Plan 2011-2022                              |
| 7   | La Habitat area, 2. Habitat Distribution, 3. High Bag Area, 4.1 And Aprillagion (aprillage) are life to wait freed (s.2. Habitat) policy distribution. For wait freed, 2.1 Habitation and the state of the wait freed (s.2. Habitation and the state of the  | PCOS Peat Extraction                          | Low  | MCDI Adapt/manage estraction of non-energy resources   | Contractual/Administrative | The Voluntary Bog Purchase Scheme Scrillates the state purchase of<br>bogs landfurbursy lists. Currently there in sope extensation on this<br>site, 10 date 24.397 Acres of Freehold purchased in 3 transactions<br>of the state of the | Voluntary Bog Purchase Scheme  | Department of Housing, Local Government and Heritage (DHLGH/ National Parks and Wildlife Service (NPWS)          | 2022+                       | National Rased Bog SSC Management Plan 2017-2022                                |
| 8   | 1. Habitat serve, 3 Habitat Distribution, 3 High Bey Ares, 4.1 Hydridoglacy ringers, ware freeds, 6.2 Hydrocylacy ringers, extra few seat 1987,  | PCOS Peat Extraction                          | Low  | MCDI. Adapt/imanage extraction of non-energy resources   | Contractual/Administrative | The Cession of Turf Cutting Compensation Scheme (CTCC) incombine the certain of peet distraction activity within reading blog SuCs. There is no peet extraction in this SuC. (I participants in the CTCC)   | Turl Catting Compensation Scheme   | Department of Housing, Local Government and Heritage (DHIGH)/ National Parks and Wildlife Service (NPWS)         | 2011+                       | National Postland Strategy  |

| No. | Ecological Requirements<br>(Attributes as per SSCO)  | Pressure /Threat<br>(EU Code 2025)         | Pressure/ Threat Ranking | EU Conservation Measure Type<br>(EU Code 2019-2024)   | Measure Category           | Conservation Measure  | Delivery mechanism   | Public Authority with statutory<br>responsibility  | timeframe | Integration with high level plans/policy:                                       |
|-----|--|--|--------------------------|---|----------------------------|---|--|--|-----------|---|
| 9   | 1. Habitat sera, 2. Habitat Bolar blands, 3. High Bey Ares, 4.1 Hydrodogold regime - water levels, 6.2 Hydrodogold regime - flow patterns, 5. Transitional areas between high bog and adjacent mineria oils lipitechiding cutiver areas (3. L'ivigeration adjacent mineria oils) flicheding cutiver areas (3. L'ivigeration cudify; microtopographical finature, 6.3 vegetation cudify; prince page page language (3. Albertage of the prince finature, 6.3 vegetation cudify; prince page (3. Albertage oils); prince (3. | PCGS Peat Extraction                       | LOW                      | MCDI Adapt/manage extraction of non-energy resources  | Contractual/Administrative | The Protected Raised Bog Restoration Incentive Scheme Gollates the restoration of Index within the SAC. Currently there is no peat extraction within this SAC-10 participants receiving payments under this scheme within this SAC. | The Protected Stated Say Restoration Incentive Scheme  | Department of Housing, Local<br>Covernment and setrage (DRIAIP)<br>National Parks and Wildlife Service<br>(NPVS)                                   | 2021      | National Perattered Strategy_   |
| 10  | 1 Höhltat sera. 2 Höhltat Bürthörün, 3. Hijh Big, Fras, 4.1 Hördrodgöld rigime vari leval. 6.2 Hijvologigid rigime ifter yasterim, 5. Transitional areas between hijh bog and adjecent mineria olik jürkoding citowir areas (6.1 Vegetation qualify: northal exchipps, active filiat, soals, bog woodland, 6.2 Vegetation qualify: polity most polity hogy of the distribution of bod distributions. 3. Higgster high physical indicators, 13.1 vegetation composition makes eggiven eithorize species, 3.1 Vegetation composition: non-varietie missavie species, 11.  | All/Other Relevant Threats and Pressures.  |                          | MJOI Implement climate change mitigation measures   | Administrative             | A roadings of actions to axist in the achievement of climate change objectives by no later than the end of the year 2050  | Irelands Climate Action Flan 2004  | All Government Departments   | 2024+     | All government policies are cognisant of this plan.                             |
| 11  | 1 sibilists area, 2 sibilists (bartholius, 3 litgh log Jares, 41 litgh-<br>indrogal carginary ware levels, 62 litgh-logical regime—<br>flow patterns, 5. Transitional areas between high bog and<br>adjacent mineral soils lipschading cutower areas (6. Livegestion<br>quality, central ecotype, acther flush, soaks, log woodland, 6. 2<br>Vegetation quality, bromptopoppshical features, 5.1 spical<br>All species: flors, 7.2 hypical Alla genetics. Irans, 6. Elements of<br>local distinctiveness, 9. Regather lephical indicators, 10.1<br>vegetation compositions notween gather mineral production process.<br>20.2 Vegetation composition: non-varietie invasive species, 11.<br>Area quality, fraince production, 17 livera quality and production.  | All/Other Relevant Threats and Pressures   |                          | MXIXI Retorning freshwater, wetlands and coastal habitats impacted by multi-purpose hydrological modifications.                         | Administrative             | Public relations and information dissemination by authorised officers to stakeholders.  | RPMS Conservation Ranger network and Regions<br>Management appoint dis Authorised Officer under<br>EC Birds and Natural Nebitats Resp. 2011, so.<br>amended. | Department of Housing, Local Government and Heintage (DHIGH) National Parks and Wildlife Service (NPWS)  | 1997+     | Climate Action and Low Cathoo Development Amendment) Act 2023                   |
| 12  | L Habitat service, 3 Height Extendence, 3. High Reg Ares, 4.1 Height Good parties may east level. A 2 High region giar gime reflew patterns, 5. Transitional areas between high beg and adjacent mineral soil lipituding cutower areas (4.1 Vegetation quality, central enchype, active flush, soaks, bog woodland, 6.2 Vegetation quality, bromotopopprablic flatering, 6.1 Vegetation quality, bromotopopprablic flatering, 6.1 Height and All species; 5.7 7, 2.7 Typical Alla species; 5.7 Typical spe | All/Other Relevant Threats and Pressures.  |                          | MCCI2 Adapt/manage exploitation of energy resources   | Administrative             | The publication of a Restoration Plan for this Site   | Brown Bog SAC Restoration Plan   | Department of Housing, Local<br>Government and Bertrage (DHGH)/<br>National Parks and Wildlife Service<br>(NPWS)                                   |           | All government plans and golfor documents are<br>coerisant of these protections |
| 13  | 1 silohtat ware 2. silohtat Distribution, 3. High Bing Ares, 4.3 High discipation grave ware levels, 6.2 High discipating ringen—flow patterns, 5. Transitional areas between high bog and adjunct missional bing link-disciple cardiover and 6.1 High excluded gravity and adjunct missional bing link-disciple cardiover and 6.2 High excluded gravity and 6.2 High excluded | Al/Other Relevant Threats and<br>Pressures |                          | MIDD: Prevent conversion of (primit) instruct highlights min forests, and of (primit) natural forests; into intensive forest plantation | Statutory                  | Planting of trees or multi-annual bioenergy crops if not covered by<br>the Forestry regulations.  | European Linnon Habitats (Brown Box Special Area of<br>Conservation 002346) Regulations 2018   | Department of Housing, Local<br>Covernment and English (MI)<br>National Parks and Windlife Service<br>(NPWS)                                       | 2002+     | National Postland Strategy  |
| 14  | 1 Höbitar sen. 2. Höbitar Elerir bürür. 3. Hijöh Bey Ares, 4. 1 Hördröngöler rilgene - eller veile veile, 4. 2. Hijördöjöler rilgene - flörur patterne, 5. Transtitional ares between hijö hög pad algeren timerie oli kille kindelige cultivar erasi (6. 1 Vigetation diperation timerie oli kille kindelige cultivar erasi (6. 1 Vigetation diperation timerie oli kindelige kindelige killer killer kindelige killer  | All/Other Relevant Threats and Pressures.  |                          | MASS. Adapt mowine, grazing and other equivalent agricultural activities (e.g. burning)   | Statutory                  | Censent required for fluming, topping, clearing strulo or rough<br>vegetation or reseeding if not covered by other regulations.   | Surgeona Union Hobbits I (Brown Boy Special Area of Conservation 002346) Repulations 2018  | Department of Housing, Local<br>Government and Heritage (IPHLGH/<br>National Parks and Wildlife Service<br>(NPWS)                                  | 2002+     | All government plans and policy documents are<br>Cognisent of these protections |
| 15  | Libbats area, 2 skelate Ostro-born, 3 sligh Rey, Area, 4.1 skyddodgal regime and break 0.4, 20 slight-oligical regime in special processions, 5.1 resultational areas between high Does and adjacent mineral soil lipit-floating critories areas [6.1 Vegetation quality: central encitype, active flush, soaks, bog woodland, 6.2 vegetation quality: point-ologopaphical flexibition, exp. 6.3 Vegetation quality: point-ologopaphical flexibition, 4.8 pecies (Fizh, 7.2 pipc) add 88 pecies: fizh, 7.2 pipc) add 88 pecies: fizh, 7.2 pipc) add 88 pecies (Fizh, 7.2 pipc) | AU/Other Relevant Threats and Pressures.   |                          | MADS Adapt moving, grazing and other equivalent<br>agricultural activities (e.g. burning)   | Statutory                  | Centrols burning of agricultural waste.   | S. Bo. 286 of 2000 Water Amagement Prohibition.<br>of Water Disposal by Burning Regulations 2002   | Department of the Environment,<br>Climate and Communications following<br>consultation with the Department of<br>Agriculture, Food and the Marine. | 2009+     | World Management Act 1996   |
| 16  | 1 shibitat sava 2. shibitat Borte-bulon, 3. High Reg. Area, 4.1 individually all registron plant grant levels, 2. 1 Hydrocyligat regime - flow patterns, 5. Transitional areas between high bog and adjacent mineria all lipit founding critors areas (6.1 Vegetation quality recombinopaperhisel flatering, 6.1 Vegetation quality promotopaperhisel flatering, 6.3 Vegetation quality plant plant plant grant gr | AU/Other Relevant Threats and Pressures.   |                          | MASS Adapt moving, graing and other equivalent spricultural activities (e.g. burning)   | Statutory                  | Restricted destruction of vegetation on uncultivated land.  | Widdlife Act 1976 as amended   | Department of Housing, Local<br>Government and Heritage (PMLGH)/<br>National Parts and Wildlife Service<br>(NPWS)                                  | 1976      | Wildlife Act 1376   |

Habitat: Active Raised Bog [7110]
Site Specific Conservation Objectives (SSCO): To restore the favourable conservation condition of Active raised bogs in Brown Bog SAC 002346

| No. |  | 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:     |
|-----|--|--------------------------------|--------------------------|--|------------------|---|--|--|----------------|---|
|     | (Attributes as per SSCO)   | (EU Code 2025)                 |                          | (EU Code 2019-2024)  |                  |   |  | responsibility                         | timeframe      |   |
|     |  | All/Other Relevant Threats and |                          | MB01 Prevent conversion of (semi-) natural habitats        | Statutory        | Locations and land types of afforestation projects are limited e.g.     | Licensing procedure via Forestry Regulations 2017  | Department of Agriculture Food and     | 2017+          | National Biodiversity Action Plan             |
|     | Hydrological regime - water levels, 4.2 Hydrological regime -    | Pressures                      |                          | into forests and of (semi-) natural forests into intensive |                  | Forestry constrained to soils with peat depth of 30cm or less.          | (S.I. No. 191 of 2017), as amended.                | Marine (DAFM)/Forestry Division        |                |   |
|     | flow patterns, 5. Transitional areas between high bog and        |                                |                          | forest plantation  |                  |   |  |  |                |   |
|     | 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: non-native invasive species, 11.    |                                |                          |  |                  |   |  |  |                |   |
|     | Air quality: nitrogen deposition, 12 Water quality               |                                |                          |  |                  |   |  |  |                |   |
|     |  |                                |                          |  |                  |   |  |  |                |   |
|     |  |                                |                          |  |                  |   |  |  |                |   |
|     |  | All/Other relevant Threats and |                          | MC02 Adapt/manage exploitation of energy resources         | Statutory        | Control of activities, if not covered by other regulations, which could | European Union Habitats (Brown Bog Special Area of | ernment and Heritage (DHLGH)/ National | 2002+          | All government plans and policy documents are |
|     |  | Pressures                      |                          |  |                  | negatively impact on Brown Bog SAC.                                     | Conservation 002346) Regulations 2018              |  |                | cognisant of these protections                |
|     | 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: non-native invasive species, 11.    |                                |                          |  |                  |   |  |  |                |   |
|     | Air quality: nitrogen deposition, 12 Water quality               |                                |                          |  |                  |   |  |  |                |   |
|     |  |                                |                          |  |                  |   |  |  |                |   |
|     |  | 1                              |                          |  |                  |   |  |  |                |   |
|     |  | 1                              |                          |  |                  |   |  |  |                |   |
|     |  | 1                              |                          |  |                  |   |  |  |                |   |
|     |  | l                              | 1                        |  |                  |   |  |  |                |   |