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| Site name: | The Loughans SAC 407 |
| County: | Kilkenny |
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| | Site Specific Conservation Objective (SSCO) Ecological Attributes |
| | [3180] Turloughs |
| | |
| 1 | Habitat area |
| 2 | Habitat distribution |
| 3 | Hydrological Regime |
| 4 | Soil type |
| 5 | Soil nutrient status: nitrogen and phosphorus |
| 6 | Physical structure: bare ground. |
| 7 | Chemical processes: calcium carbonate deposition and concentration. |
| 8 | Water quality |
| 9 | Active peat formation |
| 10.1 | Vegetation composition: area of vegetation communities |
| 10.2 | Vegetation composition: vegetation zonation |
| 11.1 | Vegetation structure: sward height |
| 11.2 | Vegetation structure: turlough woodland |
| 12 | Typical species |
| 13 | Fringing habitats: area |
| | |

| 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 | 1. Habitat area, 2. Habitat distribution, 3. Hydrological Regime, 4. Soil type, 5. Soil nutrient status: nitrogen and phosphorus, 6. Physical structure: bare ground, 7. Chemical processes: calcium carbonate deposition and concentration, 8. Water quality, 9. Active peat formation, 10.1. Vegetation composition: area of vegetation communities, 10.2. Vegetation composition: vegetation zonation, 11.1. Vegetation structure: sward height, 11.2. vegetation structure: turlough woodland, 12. Topical species, 13. Fringing habitats: area. | PA17 Agricultural activities generating pollution to surface or ground waters (including marine) | High | MA10 Reduce/eliminate point or diffuse source pollution to surface or ground waters (including marine) from agricultural activities | Statutory | Good Agricultural and Environmental Condition (GAEC) 4 and Statutory Management Requirements (SMR) 2. Establishment of buffer zones (e.g. grass, trees or native woodland scheme) along water courses and drains to intercept sediment and for the prevention of pollution (Nitrates and Phosphates) via the spread of organic fertilizer and for the storage of farmyard manure in a field. | S.I. 113/2022 European Communities (Good Agricultural Practice for Protection of Waters) Regulations 2022. | Department of Agriculture, Food and the Marine (DAFM) | 2022+ | CAP Strategic Plan |
| 2 | 1. Habitat area, 2. Habitat distribution, 3. Hydrological Regime, 4. Soil type, 5. Soil nutrient status: nitrogen and phosphorus, 6. Physical structure: bare ground, 7. Chemical processes: calcium carbonate deposition and concentration, 8. Water quality, 9. Active peat formation, 10.1. Vegetation composition: area of vegetation communities, 10.2. Vegetation composition: vegetation zonation, 11.1. Vegetation structure: sward height, 11.2. vegetation structure: turlough woodland, 12. Topical species, 13. Fringing habitats: area. | PA17 Agricultural activities generating pollution to surface or ground waters (including marine) | High | MA10 Reduce/eliminate point or diffuse source pollution to surface or ground waters (including marine) from agricultural activities | Statutory | Consent is required for burning, topping, clearing scrub or rough vegetation or reseeded [Consent is not required for these activities on established reseeded grassland or cultivated land provided it is greater than 20m from a river, stream or floodplain, or greater than 50m from a wetland, lake, turlough or pond.] if not covered by other regulations. | European Union Habitats (The Loughans Turlough Special Area of Conservation 000407) Regulations 2016 | Department of Housing, Local Government and Heritage (DHLGH) National Parks and Wildlife Service (NPWS) | 1997+ | All government plans and policy documents are cognisant of these protections |
| 3 | 1. Habitat area, 2. Habitat distribution, 3. Hydrological Regime, 4. Soil type, 5. Soil nutrient status: nitrogen and phosphorus, 6. Physical structure: bare ground, 7. Chemical processes: calcium carbonate deposition and concentration, 8. Water quality, 9. Active peat formation, 10.1. Vegetation composition: area of vegetation communities, 10.2. Vegetation composition: vegetation zonation, 11.1. Vegetation structure: sward height, 11.2. vegetation structure: turlough woodland, 12. Topical species, 13. Fringing habitats: area. | PA17 Agricultural activities generating pollution to surface or ground waters (including marine) | High | MA10 Reduce/eliminate point or diffuse source pollution to surface or ground waters (including marine) from agricultural activities | Statutory | The spread of organic and chemical fertilisers or soiled water is restricted on land that is waterlogged, is flooded or likely to flood, is snow-covered or frozen. | S.I. 113/2022 European Communities (Good Agricultural Practice for Protection of Waters) Regulations 2022. | Department of Agriculture, Food and the Marine (DAFM) | 2022+ | CAP Strategic Plan |
| 4 | 1. Habitat area, 2. Habitat distribution, 3. Hydrological Regime, 4. Soil type, 5. Soil nutrient status: nitrogen and phosphorus, 6. Physical structure: bare ground, 7. Chemical processes: calcium carbonate deposition and concentration, 8. Water quality, 9. Active peat formation, 10.1. Vegetation composition: area of vegetation communities, 10.2. Vegetation composition: vegetation zonation, 11.1. Vegetation structure: sward height, 11.2. vegetation structure: turlough woodland, 12. Topical species, 13. Fringing habitats: area. | PA17 Agricultural activities generating pollution to surface or ground waters (including marine) | High | MA10 Reduce/eliminate point or diffuse source pollution to surface or ground waters (including marine) from agricultural activities | Statutory | Consent is required prior to applying inorganic or organic fertiliser, including slurry and farmyard manure to the site [Consent is not required for these activities on established reseeded grassland or cultivated land provided it is greater than 20m from a river, stream or floodplain; or greater than 50m from a wetland, lake, turlough or pond.], if not covered by other regulations. | European Union Habitats (The Loughans Turlough Special Area of Conservation 000407) Regulations 2016 | Department of Housing, Local Government and Heritage (DHLGH) National Parks and Wildlife Service (NPWS) | 1997+ | All government plans and policy documents are cognisant of these protections |
| 5 | 1. Habitat area, 2. Habitat distribution, 3. Hydrological Regime, 4. Soil type, 5. Soil nutrient status: nitrogen and phosphorus, 6. Physical structure: bare ground, 7. Chemical processes: calcium carbonate deposition and concentration, 8. Water quality, 9. Active peat formation, 10.1. Vegetation composition: area of vegetation communities, 10.2. Vegetation composition: vegetation zonation, 11.1. Vegetation structure: sward height, 11.2. vegetation structure: turlough woodland, 12. Topical species, 13. Fringing habitats: area. | PA17 Agricultural activities generating pollution to surface or ground waters (including marine) | High | MA10 Reduce/eliminate point or diffuse source pollution to surface or ground waters (including marine) from agricultural activities | Statutory | Consent is required prior to the application of pesticides, including herbicides. [Consent is not required for these activities on established reseeded grassland or cultivated land provided it is greater than 20m from a river, stream or floodplain; or greater than 50m from a wetland, lake, turlough or pond.], if not covered by other regulations. | European Union Habitats (The Loughans Turlough Special Area of Conservation 000407) Regulations 2016 | Department of Housing, Local Government and Heritage (DHLGH) National Parks and Wildlife Service (NPWS) | 1997+ | All government plans and policy documents are cognisant of these protections |
| 6 | 1. Habitat area, 2. Habitat distribution, 3. Hydrological Regime, 4. Soil type, 5. Soil nutrient status: nitrogen and phosphorus, 6. Physical structure: bare ground, 7. Chemical processes: calcium carbonate deposition and concentration, 8. Water quality, 9. Active peat formation, 10.1. Vegetation composition: area of vegetation communities, 10.2. Vegetation composition: vegetation zonation, 11.1. Vegetation structure: sward height, 11.2. vegetation structure: turlough woodland, 12. Topical species, 13. Fringing habitats: area. | PA17 Agricultural activities generating pollution to surface or ground waters (including marine) | High | MA10 - Reduce/eliminate point or diffuse source pollution to surface or ground waters (including marine) from agricultural activities | Statutory | Consent is required for supplementary feeding of livestock. [Consent is not required for this activity on established reseeded grassland or cultivated land provided it is greater than 20m from a river, stream or floodplain; or greater than 50m from a wetland, lake, turlough or pond.], if not covered by other regulations. | European Union Habitats (The Loughans Turlough Special Area of Conservation 000407) Regulations 2016 | Department of Housing, Local Government and Heritage (DHLGH) National Parks and Wildlife Service (NPWS) | 1997+ | All government plans and policy documents are cognisant of these protections |
| 7 | 1. Habitat area, 2. Habitat distribution, 3. Hydrological Regime, 4. Soil type, 5. Soil nutrient status: nitrogen and phosphorus, 6. Physical structure: bare ground, 7. Chemical processes: calcium carbonate deposition and concentration, 8. Water quality, 9. Active peat formation, 10.1. Vegetation composition: area of vegetation communities, 10.2. Vegetation composition: vegetation zonation, 11.1. Vegetation structure: sward height, 11.2. vegetation structure: turlough woodland, 12. Topical species, 13. Fringing habitats: area. | PA17 Agricultural activities generating pollution to surface or ground waters (including marine) | High | MA10 - Reduce/eliminate point or diffuse source pollution to surface or ground waters (including marine) from agricultural activities | Statutory | Consent is required for digging, ploughing, harrowing or otherwise disturbing soil or substrate. [Consent is not required for these activities on established reseeded grassland or cultivated land provided it is greater than 50m from a river, stream, floodplain, wetland, lake, turlough or pond.], if not covered by other regulations. | European Union Habitats (The Loughans Turlough Special Area of Conservation 000407) Regulations 2016 | Department of Housing, Local Government and Heritage (DHLGH) National Parks and Wildlife Service (NPWS) | 1997+ | All government plans and policy documents are cognisant of these protections |
| 8 | 1. Habitat area, 2. Habitat distribution, 3. Hydrological Regime, 4. Soil type, 5. Soil nutrient status: nitrogen and phosphorus, 6. Physical structure: bare ground, 7. Chemical processes: calcium carbonate deposition and concentration, 8. Water quality, 9. Active peat formation, 10.1. Vegetation composition: area of vegetation communities, 10.2. Vegetation composition: vegetation zonation, 11.1. Vegetation structure: sward height, 11.2. vegetation structure: turlough woodland, 12. Topical species, 13. Fringing habitats: area. | PA17 Agricultural activities generating pollution to surface or ground waters (including marine) | High | MA10 Reduce/eliminate point or diffuse source pollution to surface or ground waters (including marine) from agricultural activities | Contractual | Prohibition on grazing from 1 October to 15 March in lands participating in in Agri-Climate Rural Environment Scheme (ACRES) conservation actions for management of intensive grassland next to a watercourse (>16% of terrestrial SAC area). | Agri-Climate Rural Environment Scheme (ACRES) - Management of Intensive Grassland next to a Watercourse | Department of Agriculture, Food and the Marine (DAFM) | 2022+ | CAP Strategic Plan |
| 9 | 1. Habitat area, 2. Habitat distribution, 3. Hydrological Regime, 4. Soil type, 5. Soil nutrient status: nitrogen and phosphorus, 6. Physical structure: bare ground, 7. Chemical processes: calcium carbonate deposition and concentration, 8. Water quality, 9. Active peat formation, 10.1. Vegetation composition: area of vegetation communities, 10.2. Vegetation composition: vegetation zonation, 11.1. Vegetation structure: sward height, 11.2. vegetation structure: turlough woodland, 12. Topical species, 13. Fringing habitats: area. | PA17 Agricultural activities generating pollution to surface or ground waters (including marine) | High | MA10 Reduce/eliminate point or diffuse source pollution to surface or ground waters (including marine) from agricultural activities | Contractual | Prohibition of reseeded or drainage works in lands participating in in Agri-Climate Rural Environment Scheme (ACRES) conservation actions for management of intensive grassland next to a watercourse (>16% of terrestrial SAC area). | Agri-Climate Rural Environment Scheme (ACRES) - Management of Intensive Grassland next to a Watercourse | Department of Agriculture, Food and the Marine (DAFM) | 2022+ | CAP Strategic Plan |
| 10 | 1. Habitat area, 2. Habitat distribution, 3. Hydrological Regime, 4. Soil type, 5. Soil nutrient status: nitrogen and phosphorus, 6. Physical structure: bare ground, 7. Chemical processes: calcium carbonate deposition and concentration, 8. Water quality, 9. Active peat formation, 10.1. Vegetation composition: area of vegetation communities, 10.2. Vegetation composition: vegetation zonation, 11.1. Vegetation structure: sward height, 11.2. vegetation structure: turlough woodland, 12. Topical species, 13. Fringing habitats: area. | PA17 Agricultural activities generating pollution to surface or ground waters (including marine) | High | MA10 Reduce/eliminate point or diffuse source pollution to surface or ground waters (including marine) from agricultural activities | Contractual | Prohibition of application of chemical or organic fertiliser in lands participating in in Agri-Climate Rural Environment Scheme (ACRES) conservation actions for management of intensive grassland next to a watercourse (>16% of terrestrial SAC area). | Agri-Climate Rural Environment Scheme (ACRES) - Management of Intensive Grassland next to a Watercourse | Department of Agriculture, Food and the Marine (DAFM) | 2022+ | CAP Strategic Plan |
| 11 | 1. Habitat area, 2. Habitat distribution, 3. Hydrological Regime, 4. Soil type, 5. Soil nutrient status: nitrogen and phosphorus, 6. Physical structure: bare ground, 7. Chemical processes: calcium carbonate deposition and concentration, 8. Water quality, 9. Active peat formation, 10.1. Vegetation composition: area of vegetation communities, 10.2. Vegetation composition: vegetation zonation, 11.1. Vegetation structure: sward height, 11.2. vegetation structure: turlough woodland, 12. Topical species, 13. Fringing habitats: area. | PA17 Agricultural activities generating pollution to surface or ground waters (including marine) | High | MA10 Reduce/eliminate point or diffuse source pollution to surface or ground waters (including marine) from agricultural activities | Contractual | Fencing of watercourses, where no natural barrier exists, at least 1.5m from the top of bank if bovine present, in lands participating in in Agri-Climate Rural Environment Scheme (ACRES) conservation actions for management of intensive grassland next to a watercourse (>16% of terrestrial SAC area). | Agri-Climate Rural Environment Scheme (ACRES) - Management of Intensive Grassland next to a Watercourse | Department of Agriculture, Food and the Marine (DAFM) | 2022+ | CAP Strategic Plan |

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| 12 | 1. Habitat area, 2. Habitat distribution, 3. Hydrological Regime, 4. Soil type, 5. Soil nutrient status: nitrogen and phosphorus, 6. Physical structure: bare ground, 7. Chemical processes: calcium carbonate deposition and concentration, 8. Water quality, 9. Active peat formation, 10.1. Vegetation composition: area of vegetation communities, 10.2. Vegetation composition: vegetation zonation, 11.1. Vegetation structure: sward height, 11.2. vegetation structure: turlough woodland, 12. Topical species, 13. Fringing habitats: area. | PA17 Agricultural activities generating pollution to surface or ground waters (including marine) | High | MA10 Reduce/eliminate point or diffuse source pollution to surface or ground waters (including marine) from agricultural activities | Contractual | Requirement that lands participating in in Agri-Climate Rural Environment Scheme (ACRES) conservation actions for management of intensive grassland next to a watercourse (>16% of terrestrial SAC area) be stock proof. | Agri-Climate Rural Environment Scheme (ACRES) - Management of Intensive Grassland next to a Watercourse | Department of Agriculture, Food and the Marine (DAFM) | 2022+ | CAP Strategic Plan |
| 13 | 1. Habitat area, 2. Habitat distribution, 3. Hydrological Regime, 4. Soil type, 5. Soil nutrient status: nitrogen and phosphorus, 6. Physical structure: bare ground, 7. Chemical processes: calcium carbonate deposition and concentration, 8. Water quality, 9. Active peat formation, 10.1. Vegetation composition: area of vegetation communities, 10.2. Vegetation composition: vegetation zonation, 11.1. Vegetation structure: sward height, 11.2. vegetation structure: turlough woodland, 12. Topical species, 13. Fringing habitats: area. | PA17 Agricultural activities generating pollution to surface or ground waters (including marine) | High | MA10 Reduce/eliminate point or diffuse source pollution to surface or ground waters (including marine) from agricultural activities | Contractual | Prohibition of pesticides and herbicides, except for the spot treatment of noxious/invasive weeds, in lands participating in in Agri-Climate Rural Environment Scheme (ACRES) conservation actions for management of intensive grassland next to a watercourse (>16% of terrestrial SAC area). | Agri-Climate Rural Environment Scheme (ACRES) - Management of Intensive Grassland next to a Watercourse | Department of Agriculture, Food and the Marine (DAFM) | 2022+ | CAP Strategic Plan |
| 14 | 1. Habitat area, 2. Habitat distribution, 3. Hydrological Regime, 4. Soil type, 5. Soil nutrient status: nitrogen and phosphorus, 6. Physical structure: bare ground, 7. Chemical processes: calcium carbonate deposition and concentration, 8. Water quality, 9. Active peat formation, 10.1. Vegetation composition: area of vegetation communities, 10.2. Vegetation composition: vegetation zonation, 11.1. Vegetation structure: sward height, 11.2. vegetation structure: turlough woodland, 12. Topical species, 13. Fringing habitats: area. | PA17 Agricultural activities generating pollution to surface or ground waters (including marine) | High | MA03 Maintain existing extensive agricultural practices and agricultural landscape features | Contractual | Prohibition on cutting hedgerows below a height of 1.8 metres in lands participating in in Agri-Climate Rural Environment Scheme (ACRES) conservation actions for management of intensive grassland next to a watercourse (>16% of terrestrial SAC area). | Agri-Climate Rural Environment Scheme (ACRES) - Management of Intensive Grassland next to a Watercourse | Department of Agriculture, Food and the Marine (DAFM) | 2022+ | CAP Strategic Plan |
| 15 | 1. Habitat area, 2. Habitat distribution, 3. Hydrological Regime, 4. Soil type, 5. Soil nutrient status: nitrogen and phosphorus, 6. Physical structure: bare ground, 7. Chemical processes: calcium carbonate deposition and concentration, 8. Water quality, 9. Active peat formation, 10.1. Vegetation composition: area of vegetation communities, 10.2. Vegetation composition: vegetation zonation, 11.1. Vegetation structure: sward height, 11.2. vegetation structure: turlough woodland, 12. Topical species, 13. Fringing habitats: area. | PA17 Agricultural activities generating pollution to surface or ground waters (including marine) | High | MA10 Reduce/eliminate point or diffuse source pollution to surface or ground waters (including marine) from agricultural activities | Contractual | Prohibition of machinery operations from April to June each year in lands participating in in Agri-Climate Rural Environment Scheme (ACRES) conservation actions for management of intensive grassland next to a watercourse (>16% of terrestrial SAC area). | Agri-Climate Rural Environment Scheme (ACRES) - Management of Intensive Grassland next to a Watercourse | Department of Agriculture, Food and the Marine (DAFM) | 2022+ | CAP Strategic Plan |
| 16 | 1. Habitat area, 2. Habitat distribution, 3. Hydrological Regime, 4. Soil type, 5. Soil nutrient status: nitrogen and phosphorus, 6. Physical structure: bare ground, 7. Chemical processes: calcium carbonate deposition and concentration, 8. Water quality, 9. Active peat formation, 10.1. Vegetation composition: area of vegetation communities, 10.2. Vegetation composition: vegetation zonation, 11.1. Vegetation structure: sward height, 11.2. vegetation structure: turlough woodland, 12. Topical species, 13. Fringing habitats: area. | PA22 Drainage for use as agricultural land | Medium | MA13 Manage agricultural drainage and water abstraction (incl. the restoration of drained or hydrologically altered habitats) | Statutory | Monitoring and reporting of relevant farm activity at the SAC. Direct inspections for DAFM Conditionality compliance or via other state Authorities (via Cross Reporting) to Integrated Controls Division in DAFM. | DAFM BISS Conditionality Farm Inspection's (Cross Compliance) | Department of Agriculture, Food and the Marine (DAFM) | 2023+ | All government plans and policy documents are cognisant of these protections |
| 17 | 1. Habitat area, 2. Habitat distribution, 3. Hydrological Regime, 4. Soil type, 5. Soil nutrient status: nitrogen and phosphorus, 6. Physical structure: bare ground, 7. Chemical processes: calcium carbonate deposition and concentration, 8. Water quality, 9. Active peat formation, 10.1. Vegetation composition: area of vegetation communities, 10.2. Vegetation composition: vegetation zonation, 11.1. Vegetation structure: sward height, 11.2. vegetation structure: turlough woodland, 12. Topical species, 13. Fringing habitats: area. | PA22 Drainage for use as agricultural land | Medium | MK02 Reduce impact of multi-purpose hydrological changes. MK03 Restoration of habitats impacted by multi-purpose hydrological changes. | Statutory | Consent is 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 (The Loughans Turlough Special Area of Conservation 000407) Regulations 2016 | Department of Housing, Local Government and Heritage (DHLGH) National Parks and Wildlife Service (NPWS) | 1997+ | All government plans and policy documents are cognisant of these protections |
| 18 | 1. Habitat area, 2. Habitat distribution, 3. Hydrological Regime, 4. Soil type, 5. Soil nutrient status: nitrogen and phosphorus, 6. Physical structure: bare ground, 7. Chemical processes: calcium carbonate deposition and concentration, 8. Water quality, 9. Active peat formation, 10.1. Vegetation composition: area of vegetation communities, 10.2. Vegetation composition: vegetation zonation, 11.1. Vegetation structure: sward height, 11.2. vegetation structure: turlough woodland, 12. Topical species, 13. Fringing habitats: area. | PA22 Drainage for use as agricultural land | Medium | MA10 Reduce/eliminate point or diffuse source pollution to surface or ground waters (including marine) from agricultural activities | Statutory | Regulation controlling unconsented development at this site. | S.I. NO. 600/2001 - Planning and Development Regulations 2001, as amended. | Local Authority (Kilkenny County Council) /An Coimisiún Pleanála | 2001+ | All government plans and policy documents are cognisant of these protections |
| 19 | 1. Habitat area, 2. Habitat distribution, 3. Hydrological Regime, 4. Soil type, 5. Soil nutrient status: nitrogen and phosphorus, 6. Physical structure: bare ground, 7. Chemical processes: calcium carbonate deposition and concentration, 8. Water quality, 9. Active peat formation, 10.1. Vegetation composition: area of vegetation communities, 10.2. Vegetation composition: vegetation zonation, 11.1. Vegetation structure: sward height, 11.2. vegetation structure: turlough woodland, 12. Topical species, 13. Fringing habitats: area. | PA22 Drainage for use as agricultural land | Medium | MK02 Reduce impact of multi-purpose hydrological changes. MK03 Restoration of habitats impacted by multi-purpose hydrological changes. | Statutory | Consent is required for drainage works including digging, deepening, widening or blocking a drain, watercourse or waterbody, if not covered by other regulations. | European Union Habitats (The Loughans Turlough Special Area of Conservation 000407) Regulations 2016 | Department of Housing, Local Government and Heritage (DHLGH) National Parks and Wildlife Service (NPWS) | 1997+ | All government plans and policy documents are cognisant of these protections |
| 20 | 1. Habitat area, 2. Habitat distribution, 3. Hydrological Regime, 4. Soil type, 5. Soil nutrient status: nitrogen and phosphorus, 6. Physical structure: bare ground, 7. Chemical processes: calcium carbonate deposition and concentration, 8. Water quality, 9. Active peat formation, 10.1. Vegetation composition: area of vegetation communities, 10.2. Vegetation composition: vegetation zonation, 11.1. Vegetation structure: sward height, 11.2. vegetation structure: turlough woodland, 12. Topical species, 13. Fringing habitats: area. | PA22 Drainage for use as agricultural land | Medium | MK02 - Reduce impact of multi-purpose hydrological changes. MK03 - Restoration of habitats impacted by multi-purpose hydrological changes. | Statutory | Consent is required for reclamation, including infilling, if not covered by other regulations. | European Union Habitats (The Loughans Turlough Special Area of Conservation 000407) Regulations 2016 | Department of Housing, Local Government and Heritage (DHLGH) National Parks and Wildlife Service (NPWS) | 1997+ | All government plans and policy documents are cognisant of these protections |
| 21 | 1. Habitat area, 2. Habitat distribution, 3. Hydrological Regime, 4. Soil type, 5. Soil nutrient status: nitrogen and phosphorus, 6. Physical structure: bare ground, 7. Chemical processes: calcium carbonate deposition and concentration, 8. Water quality, 9. Active peat formation, 10.1. Vegetation composition: area of vegetation communities, 10.2. Vegetation composition: vegetation zonation, 11.1. Vegetation structure: sward height, 11.2. vegetation structure: turlough woodland, 12. Topical species, 13. Fringing habitats: area. | PA22 Drainage for use as agricultural land | Medium | MK02 - Reduce impact of multi-purpose hydrological changes. MK03 - Restoration of habitats impacted by multi-purpose hydrological changes. | Statutory | Consent is required for blasting, drilling, dredging or otherwise removing or disturbing fossils, rock, minerals, mud, sand, gravel or other sediment, if not covered by other regulations. | European Union Habitats (The Loughans Turlough Special Area of Conservation 000407) Regulations 2016 | Department of Housing, Local Government and Heritage (DHLGH) National Parks and Wildlife Service (NPWS) | 1997+ | All government plans and policy documents are cognisant of these protections |

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| 23 | 1. Habitat area, 2. Habitat distribution, 3. Hydrological Regime, 4. Soil type, 5. Soil nutrient status: nitrogen and phosphorus, 6. Physical structure: bare ground, 7. Chemical processes: calcium carbonate deposition and concentration, 8. Water quality, 9. Active peat formation, 10.1. Vegetation composition: area of vegetation communities, 10.2. Vegetation composition: vegetation zonation, 11.1. Vegetation structure: sward height, 11.2. vegetation structure: turlough woodland, 12. Topical species, 13. Fringing habitats: area. | PA07 Intensive grazing or overgrazing by livestock | Medium | MA05 - Adapt mowing, grazing and other equivalent agricultural activities (e.g. burning), MA06 - Stop mowing, grazing and other equivalent agricultural activities e.g. burning (incl. restore or improve habitats) | Statutory | Consent is required for construction, removal or alteration of fences, stone walls, hedgerows, banks or any field boundary other than temporary electric fencing. [Consent is not required for normal maintenance.], if not covered by other regulations. | European Union Habitats (The Loughans Turlough Special Area of Conservation 000407) Regulations 2016 | Department of Housing, Local Government and Heritage (DHLGH) National Parks and Wildlife Service (NPWS) | 1997+ | All government plans and policy documents are cognisant of these protections |
| 24 | 1. Habitat area, 2. Habitat distribution, 3. Hydrological Regime, 4. Soil type, 5. Soil nutrient status: nitrogen and phosphorus, 6. Physical structure: bare ground, 7. Chemical processes: calcium carbonate deposition and concentration, 8. Water quality, 9. Active peat formation, 10.1. Vegetation composition: area of vegetation communities, 10.2. Vegetation composition: vegetation zonation, 11.1. Vegetation structure: sward height, 11.2. vegetation structure: turlough woodland, 12. Topical species, 13. Fringing habitats: area. | PA07 Intensive grazing or overgrazing by livestock | Medium | MA05 Adapt mowing, grazing and other equivalent agricultural activities (e.g. burning), MA06 Stop mowing, grazing and other equivalent agricultural activities e.g. burning (incl. restore or improve habitats) | Statutory | Consent is required prior to any significant changes (greater than 20%) in livestock density (including introduction of grazing), changes in livestock type or grazing season, other than on established reseeded grassland, if not covered by other regulations. | European Union Habitats (The Loughans Turlough Special Area of Conservation 000407) Regulations 2016 | Department of Housing, Local Government and Heritage (DHLGH) National Parks and Wildlife Service (NPWS) | 1997+ | All government plans and policy documents are cognisant of these protections |
| 25 | 1. Habitat area, 2. Habitat distribution, 3. Hydrological Regime, 4. Soil type, 5. Soil nutrient status: nitrogen and phosphorus, 6. Physical structure: bare ground, 7. Chemical processes: calcium carbonate deposition and concentration, 8. Water quality, 9. Active peat formation, 10.1. Vegetation composition: area of vegetation communities, 10.2. Vegetation composition: vegetation zonation, 11.1. Vegetation structure: sward height, 11.2. vegetation structure: turlough woodland, 12. Topical species, 13. Fringing habitats: area. | PA07 Intensive grazing or overgrazing by livestock | Medium | MA05 Adapt mowing, grazing and other equivalent agricultural activities (e.g. burning), MA06 Stop mowing, grazing and other equivalent agricultural activities e.g. burning (incl. restore or improve habitats) | Statutory | Consent is required for the introduction, or re-introduction, of plants or animals not found in the area if not covered by other regulations, | European Union Habitats (The Loughans Turlough Special Area of Conservation 000407) Regulations 2016 | Department of Housing, Local Government and Heritage (DHLGH) National Parks and Wildlife Service (NPWS) | 1997+ | All government plans and policy documents are cognisant of these protections |
| 26 | 1. Habitat area, 2. Habitat distribution, 3. Hydrological Regime, 4. Soil type, 5. Soil nutrient status: nitrogen and phosphorus, 6. Physical structure: bare ground, 7. Chemical processes: calcium carbonate deposition and concentration, 8. Water quality, 9. Active peat formation, 10.1. Vegetation composition: area of vegetation communities, 10.2. Vegetation composition: vegetation zonation, 11.1. Vegetation structure: sward height, 11.2. vegetation structure: turlough woodland, 12. Topical species, 13. Fringing habitats: area. | PA07 Intensive grazing or overgrazing by livestock | Medium | MA03 Maintain existing extensive agricultural practices and agricultural landscape features | Contractual | Protection and Maintenance of Archaeological monument (x1) as part of the Agri-Climate Rural Environment Scheme (ACRES). | Agri-Climate Rural Environment Scheme (ACRES) | Department of Agriculture, Food and the Marine (DAFM) | 2022+ | CAP Strategic Plan |
| 27 | 1. Habitat area, 2. Habitat distribution, 3. Hydrological Regime, 4. Soil type, 5. Soil nutrient status: nitrogen and phosphorus, 6. Physical structure: bare ground, 7. Chemical processes: calcium carbonate deposition and concentration, 8. Water quality, 9. Active peat formation, 10.1. Vegetation composition: area of vegetation communities, 10.2. Vegetation composition: vegetation zonation, 11.1. Vegetation structure: sward height, 11.2. vegetation structure: turlough woodland, 12. Topical species, 13. Fringing habitats: area. | PA07 Intensive grazing or overgrazing by livestock | Medium | MA07 Restoration of Annex I agricultural habitats (incl. re-establish and improve) | Contractual | Over 19% of terrestrial habitat in the Loughans SAC is subject to conservation results based scoring of the habitat as part of the Agri-Climate Rural Environment Scheme (ACRES). | Agri-Climate Rural Environment Scheme (ACRES) Scorecards | Department of Agriculture, Food and the Marine (DAFM) | 2022+ | CAP Strategic Plan |
| 28 | 1. Habitat area, 2. Habitat distribution, 3. Hydrological Regime, 4. Soil type, 5. Soil nutrient status: nitrogen and phosphorus, 6. Physical structure: bare ground, 7. Chemical processes: calcium carbonate deposition and concentration, 8. Water quality, 9. Active peat formation, 10.1. Vegetation composition: area of vegetation communities, 10.2. Vegetation composition: vegetation zonation, 11.1. Vegetation structure: sward height, 11.2. vegetation structure: turlough woodland, 12. Topical species, 13. Fringing habitats: area. | All/Other Relevant Threats and Pressures | | MA Measures related to agricultural practices and agriculture-related habitats | Contractual | Agri-Climate Rural Environmental Scheme (ACRES). Uptake by 50% of eligible participants (6) in this scheme. | Agri-Climate Rural Environment Scheme (ACRES) | Department of Agriculture, Food and the Marine (DAFM) | 2022+ | CAP Strategic Plan |
| 30 | 1. Habitat area, 2. Habitat distribution, 3. Hydrological Regime, 4. Soil type, 5. Soil nutrient status: nitrogen and phosphorus, 6. Physical structure: bare ground, 7. Chemical processes: calcium carbonate deposition and concentration, 8. Water quality, 9. Active peat formation, 10.1. Vegetation composition: area of vegetation communities, 10.2. Vegetation composition: vegetation zonation, 11.1. Vegetation structure: sward height, 11.2. vegetation structure: turlough woodland, 12. Topical species, 13. Fringing habitats: area. | All/Other Relevant Threats and Pressures | | MA05 Adapt mowing, grazing and other equivalent agricultural activities (e.g. burning), MA06 Stop mowing, grazing and other equivalent agricultural activities e.g. burning (incl. restore or improve habitats) | Administrative | A roadmap of actions to assist in the achievement of climate change objectives by no later than the end of the year 2050. | Ireland's Climate Action Plan 2024 | All Government Departments | 2024+ | Climate Action and Low Carbon Development (Amendment) Act 2021 |
| 29 | 1. Habitat area, 2. Habitat distribution, 3. Hydrological Regime, 4. Soil type, 5. Soil nutrient status: nitrogen and phosphorus, 6. Physical structure: bare ground, 7. Chemical processes: calcium carbonate deposition and concentration, 8. Water quality, 9. Active peat formation, 10.1. Vegetation composition: area of vegetation communities, 10.2. Vegetation composition: vegetation zonation, 11.1. Vegetation structure: sward height, 11.2. vegetation structure: turlough woodland, 12. Topical species, 13. Fringing habitats: area. | All/Other Relevant Threats and Pressures | | MA05 Adapt mowing, grazing and other equivalent agricultural activities (e.g. burning), MA06 Stop mowing, grazing and other equivalent agricultural activities e.g. burning (incl. restore or improve habitats) | Statutory | Control of activities, if not covered by other regulations, which could negatively impact on The Loughans Turlough SAC. | European Union Habitats (The Loughans Turlough Special Area of Conservation 000407) Regulations 2016 | Department of Housing, Local Government and Heritage (DHLGH) National Parks and Wildlife Service (NPWS) | 1997+ | All government plans and policy documents are cognisant of these protections |