

Site name: Askeaton Fen Complex SAC002279
County: Limerick

Site Specific Conservation Objective (SSCO) Ecological Attributes
[7210] Calcareous fens with *Cladium mariscus* and species of the *Caricion davallianae**

- 1 Habitat area
- 2 Habitat distribution
- 3 Ecosystem function: peat formation
- 3.1 Ecosystem function: hydrology - groundwater levels
- 3.2 Ecosystem function: hydrology - surface water flow
- 3.3 Ecosystem function: water quality
- 4 Vegetation composition: typical species
- 4.1 Vegetation composition: native negative indicator species
- 4.2 Vegetation composition: non-native species
- 4.3 Vegetation composition: trees and shrubs
- 5 Physical structure: disturbed bare ground
- 6 Indicators of local distinctiveness

[7230] Alkaline fens

- 1 Habitat area
- 2 Habitat distribution
- 3.1 Ecosystem function: soil nutrients
- 3.2 Ecosystem function: peat formation
- 3.3 Ecosystem function: hydrology - groundwater levels
- 3.4 Ecosystem function: hydrology - surface water flow
- 3.5 Ecosystem function: water quality
- 4 Community diversity
- 5.1 Vegetation composition: brown mosses
- 5.2 Vegetation composition: typical vascular plants
- 5.3 Vegetation composition: native negative indicator species
- 5.4 Vegetation composition: non-native species
- 5.5 Vegetation composition: native trees and shrubs
- 5.6 Vegetation composition: soft rush and common reed cover
- 6 Vegetation structure: litter
- 7.1 Physical structure: disturbed bare ground
- 7.2 Physical structure: tufa formations
- 8 Indicators of local distinctiveness

Site name: Askeaton Fen Complex SAC002279 Habitat/Species: [7210] Calcareous fens with Cladium mariscus (SSCO): To maintain the favourable conservation condition of [7210] in SAC 002279										
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. Ecosystem function: peat formation; 3.1 Ecosystem function: hydrology - groundwater levels; 3.2 Ecosystem function: hydrology - surface water flow; 3.3 Ecosystem function: water quality; 4. Vegetation composition: typical species; 4.1 Vegetation composition: native negative indicator species; 4.2 Vegetation composition: non-native species; 4.3 Vegetation composition: trees and shrubs; 5. Physical structure: disturbed bare ground; 6. Indicators of local distinctiveness.	PA05 Abandonment of management/use of grasslands and other agricultural and agroforestry systems (e.g. cessation of grazing, mowing or traditional farming).	Low	MA05 Adapt mowing, grazing and other equivalent agricultural activities (e.g. burning)	Statutory	Consent is required for significant changes 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. [Consent is not required for changes of less than 20% in livestock density unless notice has been given that a lower percentage is applicable to a particular site.]	European Union Habitats (Askeaton Fen Complex Special Area of Conservation 002279) Regulations 2017.	Department of Housing, Local Government and Heritage (DHLGH)/National Parks and Wildlife Service (NPWS)	2003+	All government plans and policy documents are cognisant of these protections.
2	1. Habitat area; 2. Habitat distribution; 3. Ecosystem function: peat formation; 3.1 Ecosystem function: hydrology - groundwater levels; 3.2 Ecosystem function: hydrology - surface water flow; 3.3 Ecosystem function: water quality; 4. Vegetation composition: typical species; 4.1 Vegetation composition: native negative indicator species; 4.2 Vegetation composition: non-native species; 4.3 Vegetation composition: trees and shrubs; 5. Physical structure: disturbed bare ground; 6. Indicators of local distinctiveness.	PA05 Abandonment of management/use of grasslands and other agricultural and agroforestry systems (e.g. cessation of grazing, mowing or traditional farming).	Low	MA05 Adapt mowing, grazing and other equivalent agricultural activities (e.g. burning)	Statutory	Consent is required for construction, removal or alteration of fences, stone walls, hedgerows, banks or any field boundary other than temporary electric fencing, if not covered by other regulations. [Consent is not required for normal maintenance.]	European Union Habitats (Askeaton Fen Complex Special Area of Conservation 002279) Regulations 2017.	Department of Housing, Local Government and Heritage (DHLGH)/National Parks and Wildlife Service (NPWS)	2003+	All government plans and policy documents are cognisant of these protections.
3	1. Habitat area; 2. Habitat distribution; 3. Ecosystem function: peat formation; 3.1 Ecosystem function: hydrology - groundwater levels; 3.2 Ecosystem function: hydrology - surface water flow; 3.3 Ecosystem function: water quality; 4. Vegetation composition: typical species; 4.1 Vegetation composition: native negative indicator species; 4.2 Vegetation composition: non-native species; 4.3 Vegetation composition: trees and shrubs; 5. Physical structure: disturbed bare ground; 6. Indicators of local distinctiveness.	PA07 Intensive grazing or overgrazing by livestock	Low	MA05 Adapt mowing, grazing and other equivalent agricultural activities (e.g. burning)	Statutory	Consent is required for significant changes 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. [Consent is not required for changes of less than 20% in livestock density unless notice has been given that a lower percentage is applicable to a particular site.]	European Union Habitats (Askeaton Fen Complex Special Area of Conservation 002279) Regulations 2017.	Department of Housing, Local Government and Heritage (DHLGH)/National Parks and Wildlife Service (NPWS)	2003+	All government plans and policy documents are cognisant of these protections.
4	1. Habitat area; 2. Habitat distribution; 3. Ecosystem function: peat formation; 3.1 Ecosystem function: hydrology - groundwater levels; 3.2 Ecosystem function: hydrology - surface water flow; 3.3 Ecosystem function: water quality; 4. Vegetation composition: typical species; 4.1 Vegetation composition: native negative indicator species; 4.2 Vegetation composition: non-native species; 4.3 Vegetation composition: trees and shrubs; 5. Physical structure: disturbed bare ground; 6. Indicators of local distinctiveness.	PL01 Abstraction from groundwater, surface water or mixed water	Low	MK02 Reduce impact of multi-purpose hydrological changes	Statutory	Consent is required for water abstraction, sinking of boreholes and wells, if not covered by other regulations.	European Union Habitats (Askeaton Fen Complex Special Area of Conservation 002279) Regulations 2017.	Department of Housing, Local Government and Heritage (DHLGH)/National Parks and Wildlife Service (NPWS)	2003+	All government plans and policy documents are cognisant of these protections.
5	1. Habitat area; 2. Habitat distribution; 3. Ecosystem function: peat formation; 3.1 Ecosystem function: hydrology - groundwater levels; 3.2 Ecosystem function: hydrology - surface water flow; 3.3 Ecosystem function: water quality; 4. Vegetation composition: typical species; 4.1 Vegetation composition: native negative indicator species; 4.2 Vegetation composition: non-native species; 4.3 Vegetation composition: trees and shrubs; 5. Physical structure: disturbed bare ground; 6. Indicators of local distinctiveness.	PL02 Drainage (mixed or unknown drivers)	Low	MK02 Reduce impact of multi-purpose hydrological changes	Statutory	Consent is required for digging, ploughing, harrowing or otherwise disturbing soil or substrate, if not covered by other regulations. [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.]	European Union Habitats (Askeaton Fen Complex Special Area of Conservation 002279) Regulations 2017.	Department of Housing, Local Government and Heritage (DHLGH)/National Parks and Wildlife Service (NPWS)	2003+	All government plans and policy documents are cognisant of these protections.
6	1. Habitat area; 2. Habitat distribution; 3. Ecosystem function: peat formation; 3.1 Ecosystem function: hydrology - groundwater levels; 3.2 Ecosystem function: hydrology - surface water flow; 3.3 Ecosystem function: water quality; 4. Vegetation composition: typical species; 4.1 Vegetation composition: native negative indicator species; 4.2 Vegetation composition: non-native species; 4.3 Vegetation composition: trees and shrubs; 5. Physical structure: disturbed bare ground; 6. Indicators of local distinctiveness.	PL05 Modification of hydrological flow	Low	MC12 Manage water abstraction for resource extraction and energy production	Statutory	Planning, regulation and constraint of development with regard to water abstraction requirements and volumes. Registration of water abstraction is required for daily maximum which is greater than 25 cubic meters per day.	European Union (Water Policy) (Abstractions Registration) Regulations 2018	Uisce Éireann (Operator) / EPA	2018+	All government plans and policy documents are cognisant of these protections.

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7	1. Habitat area; 2. Habitat distribution; 3. Ecosystem function: peat formation; 3.1 Ecosystem function: hydrology - groundwater levels; 3.2 Ecosystem function: hydrology - surface water flow; 3.3 Ecosystem function: water quality; 4. Vegetation composition: typical species; 4.1 Vegetation composition: native negative indicator species; 4.2 Vegetation composition: non-native species; 4.3 Vegetation composition: trees and shrubs; 5. Physical structure: disturbed bare ground; 6. Indicators of local distinctiveness.	PL05 Modification of hydrological flow	Low	MK02 Reduce impact of 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 (Askeaton Fen Complex Special Area of Conservation 002279) Regulations 2017.	Department of Housing, Local Government and Heritage (DHLGH)/National Parks and Wildlife Service (NPWS)	2003+	All government plans and policy documents are cognisant of these protections.
8	1. Habitat area; 2. Habitat distribution; 3. Ecosystem function: peat formation; 3.1 Ecosystem function: hydrology - groundwater levels; 3.2 Ecosystem function: hydrology - surface water flow; 3.3 Ecosystem function: water quality; 4. Vegetation composition: typical species; 4.1 Vegetation composition: native negative indicator species; 4.2 Vegetation composition: non-native species; 4.3 Vegetation composition: trees and shrubs; 5. Physical structure: disturbed bare ground; 6. Indicators of local distinctiveness.	PK01 Mixed source pollution to surface and ground waters (limnic and terrestrial)	Low	MK01 Reduce impact of mixed source pollution	Statutory	Consent is required prior to the application of pesticides, including herbicides, if not covered by other regulations. [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.]	European Union Habitats (Askeaton Fen Complex Special Area of Conservation 002279) Regulations 2017.	Department of Housing, Local Government and Heritage (DHLGH)/National Parks and Wildlife Service (NPWS)	2003+	All government plans and policy documents are cognisant of these protections.
9	1. Habitat area; 2. Habitat distribution; 3. Ecosystem function: peat formation; 3.1 Ecosystem function: hydrology - groundwater levels; 3.2 Ecosystem function: hydrology - surface water flow; 3.3 Ecosystem function: water quality; 4. Vegetation composition: typical species; 4.1 Vegetation composition: native negative indicator species; 4.2 Vegetation composition: non-native species; 4.3 Vegetation composition: trees and shrubs; 5. Physical structure: disturbed bare ground; 6. Indicators of local distinctiveness.	PK01 Mixed source pollution to surface and ground waters (limnic and terrestrial)	Low	MA10 Reduce/eliminate point or diffuse source pollution to surface or ground waters (including marine) from agricultural activities.	Statutory	SMR 2: Fencing of water courses at a min 1.5m from the top of the watercourse or water edge. Applies to farmers with a grassland stocking rate that exceeds 170kg of organic nitrogen per Hectare, and/or is exporting slurry to avail of a lower stocking rate.	European Union (Good Agricultural Practice for Protection of Waters) Regulations 2022	Department of Agriculture, Food and the Marine (DAFM)	2022+	All government plans and policy documents are cognisant of these protections.
10	1. Habitat area; 2. Habitat distribution; 3. Ecosystem function: peat formation; 3.1 Ecosystem function: hydrology - groundwater levels; 3.2 Ecosystem function: hydrology - surface water flow; 3.3 Ecosystem function: water quality; 4. Vegetation composition: typical species; 4.1 Vegetation composition: native negative indicator species; 4.2 Vegetation composition: non-native species; 4.3 Vegetation composition: trees and shrubs; 5. Physical structure: disturbed bare ground; 6. Indicators of local distinctiveness.	PK01 Mixed source pollution to surface and ground waters (limnic and terrestrial)	Low	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) and Statutory Management Requirements (SMR) 2 and 4: Water troughs must be located 20m away from the water course. Applies to farmers with a grassland stocking rate that exceeds 170kg of organic nitrogen per Hectare, and/or is exporting slurry to avail of a lower stocking rate.	European Union (Good Agricultural Practice for Protection of Waters) Regulations 2022	Department of Agriculture, Food and the Marine (DAFM)	2022+	All government plans and policy documents are cognisant of these protections.
11	1. Habitat area; 2. Habitat distribution; 3. Ecosystem function: peat formation; 3.1 Ecosystem function: hydrology - groundwater levels; 3.2 Ecosystem function: hydrology - surface water flow; 3.3 Ecosystem function: water quality; 4. Vegetation composition: typical species; 4.1 Vegetation composition: native negative indicator species; 4.2 Vegetation composition: non-native species; 4.3 Vegetation composition: trees and shrubs; 5. Physical structure: disturbed bare ground; 6. Indicators of local distinctiveness.	PK01 Mixed source pollution to surface and ground waters (limnic and terrestrial)	Low	MA10 Reduce/eliminate point or diffuse source pollution to surface or ground waters (including marine) from agricultural activities.	Statutory	Preventing runoff from farm roadways via minimum specification for farm roadways. Where an existing roadway runs parallel to a watercourse, a fence must be erected. For new farm roadways, a fence must be erected at least 1.5m from the top of the water course bank. In addition, cambering of road surface away from watercourse, bunding or banks to also be used to prevent direct discharge to watercourses from roads.	European Union (Good Agricultural Practice for Protection of Waters) Regulations 2022	Department of Agriculture, Food and the Marine (DAFM)	2022+	All government plans and policy documents are cognisant of these protections.
12	1. Habitat area; 2. Habitat distribution; 3. Ecosystem function: peat formation; 3.1 Ecosystem function: hydrology - groundwater levels; 3.2 Ecosystem function: hydrology - surface water flow; 3.3 Ecosystem function: water quality; 4. Vegetation composition: typical species; 4.1 Vegetation composition: native negative indicator species; 4.2 Vegetation composition: non-native species; 4.3 Vegetation composition: trees and shrubs; 5. Physical structure: disturbed bare ground; 6. Indicators of local distinctiveness.	PK01 Mixed source pollution to surface and ground waters (limnic and terrestrial)	Low	MA10 Reduce/eliminate point or diffuse source pollution to surface or ground waters (including marine) from agricultural activities.	Statutory	Requirement to obtain a waste permit from the Local Authority for any infilling at this site.	Waste Management (Prohibition of Waste Disposal By Burning) Regulations 2009	Local Authority	2007+	All government plans and policy documents are cognisant of these protections.

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13	1. Habitat area; 2. Habitat distribution; 3. Ecosystem function: peat formation; 3.1 Ecosystem function: hydrology - groundwater levels; 3.2 Ecosystem function: hydrology - surface water flow; 3.3 Ecosystem function: water quality; 4. Vegetation composition: typical species; 4.1 Vegetation composition: native negative indicator species; 4.2 Vegetation composition: non-native species; 4.3 Vegetation composition: trees and shrubs; 5. Physical structure: disturbed bare ground; 6. Indicators of local distinctiveness.	PK01 Mixed source pollution to surface and ground waters (limnic and terrestrial)	Low	MA10 Reduce/eliminate point or diffuse source pollution to surface or ground waters (including marine) from agricultural activities.	Administrative	Contribute to a national reduction in chemical fertiliser control by nutrient management planning, soil testing, precision application, use of organic alternatives and adherence to crop nutrients requirements. Mandatory to register the purchase of all chemical fertiliser with the National Fertiliser Database	Ireland's Fifth Nitrates Action Programme	Department of Agriculture, Food and the Marine (DAFM)	2022	All government plans and policy documents are cognisant of these protections.
14	1. Habitat area; 2. Habitat distribution; 3. Ecosystem function: peat formation; 3.1 Ecosystem function: hydrology - groundwater levels; 3.2 Ecosystem function: hydrology - surface water flow; 3.3 Ecosystem function: water quality; 4. Vegetation composition: typical species; 4.1 Vegetation composition: native negative indicator species; 4.2 Vegetation composition: non-native species; 4.3 Vegetation composition: trees and shrubs; 5. Physical structure: disturbed bare ground; 6. Indicators of local distinctiveness.	PK01 Mixed source pollution to surface and ground waters (limnic and terrestrial)	Low	MA09 Manage the use of natural and synthetic fertilisers as well as chemicals in agriculture for plant and animal production	Statutory	Restricts the spread of organic and chemical fertilisers or soiled water to any land as specified in the regulations.	European Union (Good Agricultural Practice for Protection of Waters) Regulations 2022	Department of Agriculture, Food and the Marine (DAFM)	2022	All government plans and policy documents are cognisant of these protections.
15	1. Habitat area; 2. Habitat distribution; 3. Ecosystem function: peat formation; 3.1 Ecosystem function: hydrology - groundwater levels; 3.2 Ecosystem function: hydrology - surface water flow; 3.3 Ecosystem function: water quality; 4. Vegetation composition: typical species; 4.1 Vegetation composition: native negative indicator species; 4.2 Vegetation composition: non-native species; 4.3 Vegetation composition: trees and shrubs; 5. Physical structure: disturbed bare ground; 6. Indicators of local distinctiveness.	All/Other Relevant Threats and Pressures	N/A	MA - Measures related to agricultural practices and agriculture-related habitats	Contractual	27% uptake of eligible participants (62) in the voluntary Agri-Climate Rural Environment Scheme (ACRES).	Agri-Climate Rural Environment Scheme (ACRES)	Department of Agriculture, Food and the Marine (DAFM)	2022	CAP Strategic Plan
16	1. Habitat area; 2. Habitat distribution; 3. Ecosystem function: peat formation; 3.1 Ecosystem function: hydrology - groundwater levels; 3.2 Ecosystem function: hydrology - surface water flow; 3.3 Ecosystem function: water quality; 4. Vegetation composition: typical species; 4.1 Vegetation composition: native negative indicator species; 4.2 Vegetation composition: non-native species; 4.3 Vegetation composition: trees and shrubs; 5. Physical structure: disturbed bare ground; 6. Indicators of local distinctiveness.	All/Other Relevant Threats and Pressures	N/A	MA - Measures related to agricultural practices and agriculture-related habitats	Contractual	Barn Owl Nest Box (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
17	1. Habitat area; 2. Habitat distribution; 3. Ecosystem function: peat formation; 3.1 Ecosystem function: hydrology - groundwater levels; 3.2 Ecosystem function: hydrology - surface water flow; 3.3 Ecosystem function: water quality; 4. Vegetation composition: typical species; 4.1 Vegetation composition: native negative indicator species; 4.2 Vegetation composition: non-native species; 4.3 Vegetation composition: trees and shrubs; 5. Physical structure: disturbed bare ground; 6. Indicators of local distinctiveness.	All/Other Relevant Threats and Pressures	N/A	MA - Measures related to agricultural practices and agriculture-related habitats	Contractual	Production of an accredited Farm Sustainability Plan by 100% of participants in the Agri-Climate Rural Environmental Scheme (ACRES).	Agri-Climate Rural Environment Scheme (ACRES)	Department of Agriculture, Food and the Marine (DAFM)	2022	CAP Strategic Plan
18	1. Habitat area; 2. Habitat distribution; 3. Ecosystem function: peat formation; 3.1 Ecosystem function: hydrology - groundwater levels; 3.2 Ecosystem function: hydrology - surface water flow; 3.3 Ecosystem function: water quality; 4. Vegetation composition: typical species; 4.1 Vegetation composition: native negative indicator species; 4.2 Vegetation composition: non-native species; 4.3 Vegetation composition: trees and shrubs; 5. Physical structure: disturbed bare ground; 6. Indicators of local distinctiveness.	All/Other Relevant Threats and Pressures	N/A	MA05 Adapt mowing, grazing and other equivalent agricultural activities (e.g. burning)	Contractual	Mowing restrictions (mowing not permitted between March 15th and July 1st) in lands participating in Agri-Climate Rural Environment Scheme (ACRES) conservation actions for extensively grazed pasture (>7% of terrestrial SAC area).	Agri-Climate Rural Environment Scheme (ACRES)	Department of Agriculture, Food and the Marine (DAFM)	2022	CAP Strategic Plan

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20	1. Habitat area; 2. Habitat distribution; 3. Ecosystem function: peat formation; 3.1 Ecosystem function: hydrology - groundwater levels; 3.2 Ecosystem function: hydrology - surface water flow; 3.3 Ecosystem function: water quality; 4. Vegetation composition: typical species; 4.1 Vegetation composition: native negative indicator species; 4.2 Vegetation composition: non-native species; 4.3 Vegetation composition: trees and shrubs; 5. Physical structure: disturbed bare ground; 6. Indicators of local distinctiveness.	All/Other Relevant Threats and Pressures	N/A	MA10 Reduce/eliminate point or diffuse source pollution to surface or ground waters (including marine) from agricultural activities.	Contractual	Prohibition on drainage, ploughing or cultivation in lands participating in in Agri-Climate Rural Environment Scheme (ACRES) conservation actions for extensively grazed pasture (>7% of terrestrial SAC area).	Agri-Climate Rural Environment Scheme (ACRES)	Department of Agriculture, Food and the Marine (DAFM)	2022	CAP Strategic Plan
21	1. Habitat area; 2. Habitat distribution; 3. Ecosystem function: peat formation; 3.1 Ecosystem function: hydrology - groundwater levels; 3.2 Ecosystem function: hydrology - surface water flow; 3.3 Ecosystem function: water quality; 4. Vegetation composition: typical species; 4.1 Vegetation composition: native negative indicator species; 4.2 Vegetation composition: non-native species; 4.3 Vegetation composition: trees and shrubs; 5. Physical structure: disturbed bare ground; 6. Indicators of local distinctiveness.	All/Other Relevant Threats and Pressures	N/A	MA10 Reduce/eliminate point or diffuse source pollution to surface or ground waters (including marine) from agricultural activities.	Contractual	Fencing of watercourses, at least 1.5m from the top of bank if bovines present, in lands participating in Agri-Climate Rural Environment Scheme (ACRES) conservation actions for extensively grazed pasture (>7% of terrestrial SAC area).	Agri-Climate Rural Environment Scheme (ACRES)	Department of Agriculture, Food and the Marine (DAFM)	2022	CAP Strategic Plan
22	1. Habitat area; 2. Habitat distribution; 3. Ecosystem function: peat formation; 3.1 Ecosystem function: hydrology - groundwater levels; 3.2 Ecosystem function: hydrology - surface water flow; 3.3 Ecosystem function: water quality; 4. Vegetation composition: typical species; 4.1 Vegetation composition: native negative indicator species; 4.2 Vegetation composition: non-native species; 4.3 Vegetation composition: trees and shrubs; 5. Physical structure: disturbed bare ground; 6. Indicators of local distinctiveness.	All/Other Relevant Threats and Pressures	N/A	MA03 Maintain existing extensive agricultural practices and agricultural landscape features	Contractual	Maintenance of a diverse sward with open vegetation by grazing in lands participating in Agri-Climate Rural Environment Scheme (ACRES) conservation actions for extensively grazed pasture (>7% of terrestrial SAC area).	Agri-Climate Rural Environment Scheme (ACRES)	Department of Agriculture, Food and the Marine (DAFM)	2022	CAP Strategic Plan
23	1. Habitat area; 2. Habitat distribution; 3. Ecosystem function: peat formation; 3.1 Ecosystem function: hydrology - groundwater levels; 3.2 Ecosystem function: hydrology - surface water flow; 3.3 Ecosystem function: water quality; 4. Vegetation composition: typical species; 4.1 Vegetation composition: native negative indicator species; 4.2 Vegetation composition: non-native species; 4.3 Vegetation composition: trees and shrubs; 5. Physical structure: disturbed bare ground; 6. Indicators of local distinctiveness.	All/Other Relevant Threats and Pressures	N/A	MA - Measures related to agricultural practices and agriculture-related habitats	Contractual	At least four grass species (excluding ryegrasses) or a mosaic of acid grassland and heath with varying levels of grazable woody forage plants required in lands participating in Agri-Climate Rural Environment Scheme (ACRES) conservation actions for extensively grazed pasture (>7% of terrestrial SAC area).	Agri-Climate Rural Environment Scheme (ACRES)	Department of Agriculture, Food and the Marine (DAFM)	2022	CAP Strategic Plan
24	1. Habitat area; 2. Habitat distribution; 3. Ecosystem function: peat formation; 3.1 Ecosystem function: hydrology - groundwater levels; 3.2 Ecosystem function: hydrology - surface water flow; 3.3 Ecosystem function: water quality; 4. Vegetation composition: typical species; 4.1 Vegetation composition: native negative indicator species; 4.2 Vegetation composition: non-native species; 4.3 Vegetation composition: trees and shrubs; 5. Physical structure: disturbed bare ground; 6. Indicators of local distinctiveness.	All/Other Relevant Threats and Pressures	N/A	MA07 Restoration of Annex I agricultural habitats (incl. re-establish and improve)	Contractual	Over 9% of terrestrial habitat in Askeaton Fen Complex 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)	Department of Agriculture, Food and the Marine (DAFM)	2022	CAP Strategic Plan

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26	1. Habitat area; 2. Habitat distribution; 3. Ecosystem function: peat formation; 3.1 Ecosystem function: hydrology - groundwater levels; 3.2 Ecosystem function: hydrology - surface water flow; 3.3 Ecosystem function: water quality; 4. Vegetation composition: typical species; 4.1 Vegetation composition: native negative indicator species; 4.2 Vegetation composition: non-native species; 4.3 Vegetation composition: trees and shrubs; 5. Physical structure: disturbed bare ground; 6. Indicators of local distinctiveness.	All/Other Relevant Threats and Pressures	N/A	MA - Measures related to agricultural practices and agriculture-related habitats	Administrative	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 - NPWS Conservation Ranger Site monitoring. (Cross Compliance).	Department of Agriculture, Food and the Marine (DAFM)	2022+	CAP Strategic Plan
27	1. Habitat area; 2. Habitat distribution; 3. Ecosystem function: peat formation; 3.1 Ecosystem function: hydrology - groundwater levels; 3.2 Ecosystem function: hydrology - surface water flow; 3.3 Ecosystem function: water quality; 4. Vegetation composition: typical species; 4.1 Vegetation composition: native negative indicator species; 4.2 Vegetation composition: non-native species; 4.3 Vegetation composition: trees and shrubs; 5. Physical structure: disturbed bare ground; 6. Indicators of local distinctiveness.	All/Other Relevant Threats and Pressures	N/A	MF08 Manage changes in hydrological and coastal systems and regimes for construction and development (incl. restoration of habitats.	Statutory	Regulation controlling unconsented development at this site.	Planning and Development Act 2000. as amended.	Local Authority/An Coimisiún Pleanála	2000+	All government plans and policy documents are cognisant of these protections.
28	1. Habitat area; 2. Habitat distribution; 3. Ecosystem function: peat formation; 3.1 Ecosystem function: hydrology - groundwater levels; 3.2 Ecosystem function: hydrology - surface water flow; 3.3 Ecosystem function: water quality; 4. Vegetation composition: typical species; 4.1 Vegetation composition: native negative indicator species; 4.2 Vegetation composition: non-native species; 4.3 Vegetation composition: trees and shrubs; 5. Physical structure: disturbed bare ground; 6. Indicators of local distinctiveness.	All/Other Relevant Threats and Pressures	N/A	MJ01 Implement climate change mitigation measures, MJ02 Implement climate change adaptation measures	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	All Government Departments	2019+	Climate Action and Low Carbon Development (Amendment) Act 2021

Site name: Askeaton Fen Complex SAC002279 Habitat/Species: [7230] Alkaline fens (SSCO): To maintain the favourable conservation condition of [2279] in SAC 002279										
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. Ecosystem function: soil nutrients, 3.1 Ecosystem function: peat formation, 3.2. Ecosystem function: hydrology - groundwater levels, 3.3. Ecosystem function: hydrology - surface water flow, 3.4 .Ecosystem function: water quality, 4 .Community diversity, 5.Vegetation composition: brown mosses, 5.1.Vegetation composition: typical vascular plants, 5.2. Vegetation composition: native negative indicator species, 5.3. Vegetation composition: non-native species, 5.4. Vegetation composition: native trees and shrubs, 5.5. Vegetation composition: soft rush and common reed cover, 6. Vegetation structure: litter, 7. Physical structure: disturbed bare ground, 7.1. Physical structure: tufa formations, 8. Indicators of local distinctiveness	PA17 Agricultural activities generating pollution to surface or ground waters (including marine)	Low	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) and Statutory Management Requirements (SMR) 2 and 4: Water troughs must be located 20m away from the water course. Applies to farmers with a grassland stocking rate that exceeds 170kg of organic nitrogen per Hectare, and/or is exporting slurry to avail of a lower stocking rate.	European Union (Good Agricultural Practice for Protection of Waters) Regulations 2022	Department of Agriculture, Food and the Marine (DAFM)	2022+	All government plans and policy documents are cognisant of these protections.
2	1. Habitat area, 2. Habitat distribution, 3. Ecosystem function: soil nutrients, 3.1 Ecosystem function: peat formation, 3.2. Ecosystem function: hydrology - groundwater levels, 3.3. Ecosystem function: hydrology - surface water flow, 3.4 .Ecosystem function: water quality, 4 .Community diversity, 5.Vegetation composition: brown mosses, 5.1.Vegetation composition: typical vascular plants, 5.2. Vegetation composition: native negative indicator species, 5.3. Vegetation composition: non-native species, 5.4. Vegetation composition: native trees and shrubs, 5.5. Vegetation composition: soft rush and common reed cover, 6. Vegetation structure: litter, 7. Physical structure: disturbed bare ground, 7.1. Physical structure: tufa formations, 8. Indicators of local distinctiveness	PA17 Agricultural activities generating pollution to surface or ground waters (including marine)	Low	MA10 Reduce/eliminate point or diffuse source pollution to surface or ground waters (including marine) from agricultural activities.	Statutory	Preventing runoff from farm roadways via minimum specification for farm roadways. Where an existing roadway runs parallel to a watercourse, a fence must be erected. For new farm roadways, a fence must be erected at least 1.5m from the top of the water course bank. In addition, cambering of road surface away from watercourse, bunding or banks to also be used to prevent direct discharge to watercourses from roads.	European Union (Good Agricultural Practice for Protection of Waters) Regulations 2022	Department of Agriculture, Food and the Marine (DAFM)	2022+	All government plans and policy documents are cognisant of these protections.
3	1. Habitat area, 2. Habitat distribution, 3. Ecosystem function: soil nutrients, 3.1 Ecosystem function: peat formation, 3.2. Ecosystem function: hydrology - groundwater levels, 3.3. Ecosystem function: hydrology - surface water flow, 3.4 .Ecosystem function: water quality, 4 .Community diversity, 5.Vegetation composition: brown mosses, 5.1.Vegetation composition: typical vascular plants, 5.2. Vegetation composition: native negative indicator species, 5.3. Vegetation composition: non-native species, 5.4. Vegetation composition: native trees and shrubs, 5.5. Vegetation composition: soft rush and common reed cover, 6. Vegetation structure: litter, 7. Physical structure: disturbed bare ground, 7.1. Physical structure: tufa formations, 8. Indicators of local distinctiveness	PA17 Agricultural activities generating pollution to surface or ground waters (including marine)	Low	MA10 Reduce/eliminate point or diffuse source pollution to surface or ground waters (including marine) from agricultural activities.	Administrative	Contribute to a national reduction in chemical fertiliser control by nutrient management planning, soil testing, precision application, use of organic alternatives and adherence to crop nutrients requirements. Mandatory to register the purchase of all chemical fertiliser with the National Fertiliser Database	Ireland Fifth Nitrates Action Programme	Department of Agriculture, Food and the Marine (DAFM)	2022+	All government plans and policy documents are cognisant of these protections.
4	1. Habitat area, 2. Habitat distribution, 3. Ecosystem function: soil nutrients, 3.1 Ecosystem function: peat formation, 3.2. Ecosystem function: hydrology - groundwater levels, 3.3. Ecosystem function: hydrology - surface water flow, 3.4 .Ecosystem function: water quality, 4 .Community diversity, 5.Vegetation composition: brown mosses, 5.1.Vegetation composition: typical vascular plants, 5.2. Vegetation composition: native negative indicator species, 5.3. Vegetation composition: non-native species, 5.4. Vegetation composition: native trees and shrubs, 5.5. Vegetation composition: soft rush and common reed cover, 6. Vegetation structure: litter, 7. Physical structure: disturbed bare ground, 7.1. Physical structure: tufa formations, 8. Indicators of local distinctiveness	PA07 Intensive grazing or overgrazing by livestock	Low	MA05 Adapt mowing, grazing and other equivalent agricultural activities (e.g. burning)	Statutory	Consent is required for significant changes 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. [Consent is not required for changes of less than 20% in livestock density unless notice has been given that a lower percentage is applicable to a particular site.]	European Union Habitats (Askeaton Fen Complex Special Area of Conservation 002279) Regulations, 2017	Department of Housing, Local Government and Heritage (DHLGH)/National Parks and Wildlife Service (NPWS)	2003	All government plans and policy documents are cognisant of these protections.

Site name: Askeaton Fen Complex SAC002279 Habitat/Species: [7230] Alkaline fens (SSCO): To maintain the favourable conservation condition of [2279] in SAC 002279										
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:
5	1. Habitat area, 2. Habitat distribution, 3. Ecosystem function: soil nutrients, 3.1 Ecosystem function: peat formation, 3.2. Ecosystem function: hydrology - groundwater levels, 3.3. Ecosystem function: hydrology - surface water flow, 3.4 .Ecosystem function: water quality, 4 .Community diversity, 5.Vegetation composition: brown mosses, 5.1.Vegetation composition: typical vascular plants, 5.2. Vegetation composition: native negative indicator species, 5.3. Vegetation composition: non-native species, 5.4. Vegetation composition: native trees and shrubs, 5.5. Vegetation composition: soft rush and common reed cover, 6. Vegetation structure: litter, 7. Physical structure: disturbed bare ground, 7.1. Physical structure: tufa formations, 8. Indicators of local distinctiveness	PL02 Drainage (mixed or unknown drivers)	Low	MK02 Reduce impact of multi-purpose hydrological changes	Statutory	Consent is required for digging, ploughing, harrowing or otherwise disturbing soil or substrate, if not covered by other regulations. [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.]	European Union Habitats (Askeaton Fen Complex, Special Area of Conservation 002279) Regulations, 2017	Department of Housing, Local Government and Heritage (DHLGH)/National Parks and Wildlife Service (NPWS)	2003	All government plans and policy documents are cognisant of these protections.
6	1. Habitat area, 2. Habitat distribution, 3. Ecosystem function: soil nutrients, 3.1 Ecosystem function: peat formation, 3.2. Ecosystem function: hydrology - groundwater levels, 3.3. Ecosystem function: hydrology - surface water flow, 3.4 .Ecosystem function: water quality, 4 .Community diversity, 5.Vegetation composition: brown mosses, 5.1.Vegetation composition: typical vascular plants, 5.2. Vegetation composition: native negative indicator species, 5.3. Vegetation composition: non-native species, 5.4. Vegetation composition: native trees and shrubs, 5.5. Vegetation composition: soft rush and common reed cover, 6. Vegetation structure: litter, 7. Physical structure: disturbed bare ground, 7.1. Physical structure: tufa formations, 8. Indicators of local distinctiveness	PL05 Modification of hydrological flow	Low	MC12 Manage water abstraction for resource extraction and energy production	Statutory	Planning, regulation and constraint of development with regard to water abstraction requirements and volumes. Registration of water abstraction is required for daily maximum which is greater than 25 cubic meters per day.	European Union (Water Policy) (Abstractions, Registration) Regulations 2018	Uisce Éireann (Operator) / EPA	2018	All government plans and policy documents are cognisant of these protections.
7	1. Habitat area, 2. Habitat distribution, 3. Ecosystem function: soil nutrients, 3.1 Ecosystem function: peat formation, 3.2. Ecosystem function: hydrology - groundwater levels, 3.3. Ecosystem function: hydrology - surface water flow, 3.4 .Ecosystem function: water quality, 4 .Community diversity, 5.Vegetation composition: brown mosses, 5.1.Vegetation composition: typical vascular plants, 5.2. Vegetation composition: native negative indicator species, 5.3. Vegetation composition: non-native species, 5.4. Vegetation composition: native trees and shrubs, 5.5. Vegetation composition: soft rush and common reed cover, 6. Vegetation structure: litter, 7. Physical structure: disturbed bare ground, 7.1. Physical structure: tufa formations, 8. Indicators of local distinctiveness	PL05 Modification of hydrological flow	Low	MK02 Reduce impact of 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 (Askeaton Fen Complex, Special Area of Conservation 002279) Regulations, 2017	Department of Housing, Local Government and Heritage (DHLGH)/National Parks and Wildlife Service (NPWS)	2003	All government plans and policy documents are cognisant of these protections.
8	1. Habitat area, 2. Habitat distribution, 3. Ecosystem function: soil nutrients, 3.1 Ecosystem function: peat formation, 3.2. Ecosystem function: hydrology - groundwater levels, 3.3. Ecosystem function: hydrology - surface water flow, 3.4 .Ecosystem function: water quality, 4 .Community diversity, 5.Vegetation composition: brown mosses, 5.1.Vegetation composition: typical vascular plants, 5.2. Vegetation composition: native negative indicator species, 5.3. Vegetation composition: non-native species, 5.4. Vegetation composition: native trees and shrubs, 5.5. Vegetation composition: soft rush and common reed cover, 6. Vegetation structure: litter, 7. Physical structure: disturbed bare ground, 7.1. Physical structure: tufa formations, 8. Indicators of local distinctiveness	PK01 Mixed source pollution to surface and ground waters (limnic and terrestrial)	Low	MA10 Reduce/eliminate point or diffuse source pollution to surface or ground waters (including marine) from agricultural activities.	Statutory	Requirement to obtain a waste permit from the Local Authority for any infilling at this site.	Waste Management (Prohibition of Waste Disposal By Burning) Regulations 2009	Local Authority	2007	All government plans and policy documents are cognisant of these protections.

Site name: Askeaton Fen Complex SAC002279 Habitat/Species: [7230] Alkaline fens (SSCO): To maintain the favourable conservation condition of [2279] in SAC 002279										
No.	Ecological Requirements (Attributes as per SSCO)	Pressure /Threat (EU Code 2025)	Pressure/ Threat Ranking	EU Conservation Measure Type (EU Code 2019-2024)	Measure Category	Conservation Measure	Delivery mechanism	Public Authority with statutory responsibility	Implementation timeframe	Integration with high level plans/policy:
9	1. Habitat area, 2. Habitat distribution, 3. Ecosystem function: soil nutrients, 3.1 Ecosystem function: peat formation, 3.2. Ecosystem function: hydrology - groundwater levels, 3.3. Ecosystem function: hydrology - surface water flow, 3.4 .Ecosystem function: water quality, 4 .Community diversity, 5.Vegetation composition: brown mosses, 5.1.Vegetation composition: typical vascular plants, 5.2. Vegetation composition: native negative indicator species, 5.3. Vegetation composition: non-native species, 5.4. Vegetation composition: native trees and shrubs, 5.5. Vegetation composition: soft rush and common reed cover, 6. Vegetation structure: litter, 7. Physical structure: disturbed bare ground, 7.1. Physical structure: tufa formations, 8. Indicators of local distinctiveness	PL01 Abstraction from groundwater, surface water or mixed water	Low	MK02 Reduce impact of multi-purpose hydrological changes	Statutory	Consent is required for water abstraction, sinking of boreholes and wells, if not covered by other regulations.	European Union Habitats (Askeaton Fen Complex, Special Area of Conservation 002279) Regulations, 2017	Department of Housing, Local Government and Heritage (DHLGH)/National Parks and Wildlife Service (NPWS)	2003	All government plans and policy documents are cognisant of these protections.
10	1. Habitat area, 2. Habitat distribution, 3. Ecosystem function: soil nutrients, 3.1 Ecosystem function: peat formation, 3.2. Ecosystem function: hydrology - groundwater levels, 3.3. Ecosystem function: hydrology - surface water flow, 3.4 .Ecosystem function: water quality, 4 .Community diversity, 5.Vegetation composition: brown mosses, 5.1.Vegetation composition: typical vascular plants, 5.2. Vegetation composition: native negative indicator species, 5.3. Vegetation composition: non-native species, 5.4. Vegetation composition: native trees and shrubs, 5.5. Vegetation composition: soft rush and common reed cover, 6. Vegetation structure: litter, 7. Physical structure: disturbed bare ground, 7.1. Physical structure: tufa formations, 8. Indicators of local distinctiveness	PA17 Agricultural activities generating pollution to surface or ground waters (including marine)	Low	MA10 Reduce/eliminate point or diffuse source pollution to surface or ground waters (including marine) from agricultural activities.	Administrative	Basic Income Support for Sustainability (BISS) Scheme	Basic Income Support for Sustainability (BISS) Scheme	Department of Agriculture, Food and the Marine (DAFM)	2022+	CAP Strategic Plan
11	1. Habitat area, 2. Habitat distribution, 3. Ecosystem function: soil nutrients, 3.1 Ecosystem function: peat formation, 3.2. Ecosystem function: hydrology - groundwater levels, 3.3. Ecosystem function: hydrology - surface water flow, 3.4 .Ecosystem function: water quality, 4 .Community diversity, 5.Vegetation composition: brown mosses, 5.1.Vegetation composition: typical vascular plants, 5.2. Vegetation composition: native negative indicator species, 5.3. Vegetation composition: non-native species, 5.4. Vegetation composition: native trees and shrubs, 5.5. Vegetation composition: soft rush and common reed cover, 6. Vegetation structure: litter, 7. Physical structure: disturbed bare ground, 7.1. Physical structure: tufa formations, 8. Indicators of local distinctiveness	PA17 Agricultural activities generating pollution to surface or ground waters (including marine)	Low	MA10 Reduce/eliminate point or diffuse source pollution to surface or ground waters (including marine) from agricultural activities.	Statutory	SMR 2: Fencing of water courses at a min 1.5m from the top of the watercourse or water edge. Applies to farmers with a grassland stocking rate that exceeds 170kg of organic nitrogen per Hectare, and/or is exporting slurry to avail of a lower stocking rate.	European Union (Good Agricultural Practice for Protection of Waters) Regulations 2022	Department of Agriculture, Food and the Marine (DAFM)	2022+	All government plans and policy documents are cognisant of these protections.
12	1. Habitat area, 2. Habitat distribution, 3. Ecosystem function: soil nutrients, 3.1 Ecosystem function: peat formation, 3.2. Ecosystem function: hydrology - groundwater levels, 3.3. Ecosystem function: hydrology - surface water flow, 3.4 .Ecosystem function: water quality, 4 .Community diversity, 5.Vegetation composition: brown mosses, 5.1.Vegetation composition: typical vascular plants, 5.2. Vegetation composition: native negative indicator species, 5.3. Vegetation composition: non-native species, 5.4. Vegetation composition: native trees and shrubs, 5.5. Vegetation composition: soft rush and common reed cover, 6. Vegetation structure: litter, 7. Physical structure: disturbed bare ground, 7.1. Physical structure: tufa formations, 8. Indicators of local distinctiveness	All/Other Relevant Threats and Pressures	N/A	MA - Measures related to agricultural practices and agriculture-related habitats	Contractual	27% uptake of eligible participants (62) in the voluntary Agri-Climate Rural Environment Scheme (ACRES).	Agri-Climate Rural Environment Scheme (ACRES)	Department of Agriculture, Food and the Marine (DAFM)	2022+	CAP Strategic Plan

Site name: Askeaton Fen Complex SAC002279 Habitat/Species: [7230] Alkaline fens (SSCO): To maintain the favourable conservation condition of [2279] in SAC 002279										
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:
13	1. Habitat area, 2. Habitat distribution, 3. Ecosystem function: soil nutrients, 3.1 Ecosystem function: peat formation, 3.2. Ecosystem function: hydrology - groundwater levels, 3.3. Ecosystem function: hydrology - surface water flow, 3.4 .Ecosystem function: water quality, 4 .Community diversity, 5.Vegetation composition: brown mosses, 5.1.Vegetation composition: typical vascular plants, 5.2. Vegetation composition: native negative indicator species, 5.3. Vegetation composition: non-native species, 5.4. Vegetation composition: native trees and shrubs, 5.5. Vegetation composition: soft rush and common reed cover, 6. Vegetation structure: litter, 7. Physical structure: disturbed bare ground, 7.1. Physical structure: tufa formations, 8. Indicators of local distinctiveness	All/Other Relevant Threats and Pressures	N/A	MA - Measures related to agricultural practices and agriculture-related habitats	Contractual	Barn Owl Nest Box (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
14	1. Habitat area, 2. Habitat distribution, 3. Ecosystem function: soil nutrients, 3.1 Ecosystem function: peat formation, 3.2. Ecosystem function: hydrology - groundwater levels, 3.3. Ecosystem function: hydrology - surface water flow, 3.4 .Ecosystem function: water quality, 4 .Community diversity, 5.Vegetation composition: brown mosses, 5.1.Vegetation composition: typical vascular plants, 5.2. Vegetation composition: native negative indicator species, 5.3. Vegetation composition: non-native species, 5.4. Vegetation composition: native trees and shrubs, 5.5. Vegetation composition: soft rush and common reed cover, 6. Vegetation structure: litter, 7. Physical structure: disturbed bare ground, 7.1. Physical structure: tufa formations, 8. Indicators of local distinctiveness	All/Other Relevant Threats and Pressures	N/A	MA - Measures related to agricultural practices and agriculture-related habitats	Contractual	Production of an accredited Farm Sustainability Plan by 100% of participants in the Agri-Climate Rural Environmental Scheme (ACRES).	Agri-Climate Rural Environment Scheme (ACRES)	Department of Agriculture, Food and the Marine (DAFM)	2022+	CAP Strategic Plan
15	1. Habitat area, 2. Habitat distribution, 3. Ecosystem function: soil nutrients, 3.1 Ecosystem function: peat formation, 3.2. Ecosystem function: hydrology - groundwater levels, 3.3. Ecosystem function: hydrology - surface water flow, 3.4 .Ecosystem function: water quality, 4 .Community diversity, 5.Vegetation composition: brown mosses, 5.1.Vegetation composition: typical vascular plants, 5.2. Vegetation composition: native negative indicator species, 5.3. Vegetation composition: non-native species, 5.4. Vegetation composition: native trees and shrubs, 5.5. Vegetation composition: soft rush and common reed cover, 6. Vegetation structure: litter, 7. Physical structure: disturbed bare ground, 7.1. Physical structure: tufa formations, 8. Indicators of local distinctiveness	All/Other Relevant Threats and Pressures	N/A	MA - Measures related to agricultural practices and agriculture-related habitats	Contractual	Mowing restrictions (mowing not permitted between March 15th and July 1st) in lands participating in Agri-Climate Rural Environment Scheme (ACRES) conservation actions for extensively grazed pasture (>7% of terrestrial SAC area).	Agri-Climate Rural Environment Scheme (ACRES)	Department of Agriculture, Food and the Marine (DAFM)	2022+	CAP Strategic Plan
16	1. Habitat area, 2. Habitat distribution, 3. Ecosystem function: soil nutrients, 3.1 Ecosystem function: peat formation, 3.2. Ecosystem function: hydrology - groundwater levels, 3.3. Ecosystem function: hydrology - surface water flow, 3.4 .Ecosystem function: water quality, 4 .Community diversity, 5.Vegetation composition: brown mosses, 5.1.Vegetation composition: typical vascular plants, 5.2. Vegetation composition: native negative indicator species, 5.3. Vegetation composition: non-native species, 5.4. Vegetation composition: native trees and shrubs, 5.5. Vegetation composition: soft rush and common reed cover, 6. Vegetation structure: litter, 7. Physical structure: disturbed bare ground, 7.1. Physical structure: tufa formations, 8. Indicators of local distinctiveness	All/Other Relevant Threats and Pressures	N/A	MA - Measures related to agricultural practices and agriculture-related habitats	Contractual	Limited fertiliser application (max of 40kg/ha of nitrogen) in lands participating in Agri-Climate Rural Environment Scheme (ACRES) conservation actions for extensively grazed pasture (>7% of terrestrial SAC area).	Agri-Climate Rural Environment Scheme (ACRES)	Department of Agriculture, Food and the Marine (DAFM)	2022+	CAP Strategic Plan

Site name: Askeaton Fen Complex SAC002279 Habitat/Species: [7230] Alkaline fens (SSCO): To maintain the favourable conservation condition of [2279] in SAC 002279										
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:
17	1. Habitat area, 2. Habitat distribution, 3. Ecosystem function: soil nutrients, 3.1 Ecosystem function: peat formation, 3.2. Ecosystem function: hydrology - groundwater levels, 3.3. Ecosystem function: hydrology - surface water flow, 3.4 .Ecosystem function: water quality, 4 .Community diversity, 5.Vegetation composition: brown mosses, 5.1.Vegetation composition: typical vascular plants, 5.2. Vegetation composition: native negative indicator species, 5.3. Vegetation composition: non-native species, 5.4. Vegetation composition: native trees and shrubs, 5.5. Vegetation composition: soft rush and common reed cover, 6. Vegetation structure: litter, 7. Physical structure: disturbed bare ground, 7.1. Physical structure: tufa formations, 8. Indicators of local distinctiveness	All/Other Relevant Threats and Pressures	N/A	MA - Measures related to agricultural practices and agriculture-related habitats	Contractual	Prohibition on drainage, ploughing or cultivation in lands participating in in Agri-Climate Rural Environment Scheme (ACRES) conservation actions for extensively grazed pasture (>7% of terrestrial SAC area).	Agri-Climate Rural Environment Scheme (ACRES)	Department of Agriculture, Food and the Marine (DAFM)	2022+	CAP Strategic Plan
18	1. Habitat area, 2. Habitat distribution, 3. Ecosystem function: soil nutrients, 3.1 Ecosystem function: peat formation, 3.2. Ecosystem function: hydrology - groundwater levels, 3.3. Ecosystem function: hydrology - surface water flow, 3.4 .Ecosystem function: water quality, 4 .Community diversity, 5.Vegetation composition: brown mosses, 5.1.Vegetation composition: typical vascular plants, 5.2. Vegetation composition: native negative indicator species, 5.3. Vegetation composition: non-native species, 5.4. Vegetation composition: native trees and shrubs, 5.5. Vegetation composition: soft rush and common reed cover, 6. Vegetation structure: litter, 7. Physical structure: disturbed bare ground, 7.1. Physical structure: tufa formations, 8. Indicators of local distinctiveness	All/Other Relevant Threats and Pressures	N/A	MA - Measures related to agricultural practices and agriculture-related habitats	Contractual	Fencing of watercourses, at least 1.5m from the top of bank if bovines present, in lands participating in Agri-Climate Rural Environment Scheme (ACRES) conservation actions for extensively grazed pasture (>7% of terrestrial SAC area).	Agri-Climate Rural Environment Scheme (ACRES)	Department of Agriculture, Food and the Marine (DAFM)	2022+	CAP Strategic Plan
19	1. Habitat area, 2. Habitat distribution, 3. Ecosystem function: soil nutrients, 3.1 Ecosystem function: peat formation, 3.2. Ecosystem function: hydrology - groundwater levels, 3.3. Ecosystem function: hydrology - surface water flow, 3.4 .Ecosystem function: water quality, 4 .Community diversity, 5.Vegetation composition: brown mosses, 5.1.Vegetation composition: typical vascular plants, 5.2. Vegetation composition: native negative indicator species, 5.3. Vegetation composition: non-native species, 5.4. Vegetation composition: native trees and shrubs, 5.5. Vegetation composition: soft rush and common reed cover, 6. Vegetation structure: litter, 7. Physical structure: disturbed bare ground, 7.1. Physical structure: tufa formations, 8. Indicators of local distinctiveness	All/Other Relevant Threats and Pressures	N/A	MA - Measures related to agricultural practices and agriculture-related habitats	Contractual	Maintenance of a diverse sward with open vegetation by grazing in lands participating in Agri-Climate Rural Environment Scheme (ACRES) conservation actions for extensively grazed pasture (>7% of terrestrial SAC area).	Agri-Climate Rural Environment Scheme (ACRES)	Department of Agriculture, Food and the Marine (DAFM)	2022+	CAP Strategic Plan
20	1. Habitat area, 2. Habitat distribution, 3. Ecosystem function: soil nutrients, 3.1 Ecosystem function: peat formation, 3.2. Ecosystem function: hydrology - groundwater levels, 3.3. Ecosystem function: hydrology - surface water flow, 3.4 .Ecosystem function: water quality, 4 .Community diversity, 5.Vegetation composition: brown mosses, 5.1.Vegetation composition: typical vascular plants, 5.2. Vegetation composition: native negative indicator species, 5.3. Vegetation composition: non-native species, 5.4. Vegetation composition: native trees and shrubs, 5.5. Vegetation composition: soft rush and common reed cover, 6. Vegetation structure: litter, 7. Physical structure: disturbed bare ground, 7.1. Physical structure: tufa formations, 8. Indicators of local distinctiveness	All/Other Relevant Threats and Pressures	N/A	MA - Measures related to agricultural practices and agriculture-related habitats	Contractual	At least four grass species (excluding ryegrasses) or a mosaic of acid grassland and heath with varying levels of grazable woody forage plants required in lands participating in Agri-Climate Rural Environment Scheme (ACRES) conservation actions for extensively grazed pasture (>7% of terrestrial SAC area).	Agri-Climate Rural Environment Scheme (ACRES)	Department of Agriculture, Food and the Marine (DAFM)	2022+	CAP Strategic Plan

Site name: Askeaton Fen Complex SAC002279

Habitat/Species: [7230] Alkaline fens

(SSCO): To maintain the favourable conservation condition of [2279] in SAC 002279

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.Habitat area, 2.Habitat distribution, 3.Ecosystem function: soil nutrients, 3.1 Ecosystem function: peat formation, 3.2. Ecosystem function: hydrology - groundwater levels, 3.3. Ecosystem function: hydrology - surface water flow, 3.4.Ecosystem function: water quality, 4.Community diversity, 5.Vegetation composition: brown mosses, 5.1.Vegetation composition: typical vascular plants, 5.2.Vegetation composition: native negative indicator species, 5.3. Vegetation composition: non-native species, 5.4.Vegetation composition: native trees and shrubs, 5.5. Vegetation composition: soft rush and common reed cover, 6. Vegetation structure: litter, 7.Physical structure: disturbed bare ground, 7.1.Physical structure: tufa formations, 8. Indicators of local distinctiveness	All/Other Relevant Threats and Pressures	N/A	MF08 Manage changes in hydrological and coastal systems and regimes for construction and development (incl. restoration of habitats).	Statutory	Regulation controlling unconsented development at this site.	Planning and Development Act 2000, as amended.	Local Authority/An Coimisiún Pleanála	2000+	All government plans and policy documents are cognisant of these protections.
	1.Habitat area, 2.Habitat distribution, 3.Ecosystem function: soil nutrients, 3.1 Ecosystem function: peat formation, 3.2. Ecosystem function: hydrology - groundwater levels, 3.3. Ecosystem function: hydrology - surface water flow, 3.4.Ecosystem function: water quality, 4.Community diversity, 5.Vegetation composition: brown mosses, 5.1.Vegetation composition: typical vascular plants, 5.2.Vegetation composition: native negative indicator species, 5.3. Vegetation composition: non-native species, 5.4.Vegetation composition: native trees and shrubs, 5.5. Vegetation composition: soft rush and common reed cover, 6. Vegetation structure: litter, 7.Physical structure: disturbed bare ground, 7.1.Physical structure: tufa formations, 8. Indicators of local distinctiveness	All/Other Relevant Threats and Pressures	N/A	MH03 Reduce impact of other specific human activities	Statutory	Control of activities, if not covered by other regulations, which could negatively impact on the SAC.	European Union Habitats (Askeaton Fen Complex, Special Area of Conservation 002279) Regulations, 2017	Department of Housing, Local Government and Heritage (DHLGH)/National Parks and Wildlife Service (NPWS)	2003	All government plans and policy documents are cognisant of these protections.
	1.Habitat area, 2.Habitat distribution, 3.Ecosystem function: soil nutrients, 3.1 Ecosystem function: peat formation, 3.2. Ecosystem function: hydrology - groundwater levels, 3.3. Ecosystem function: hydrology - surface water flow, 3.4.Ecosystem function: water quality, 4.Community diversity, 5.Vegetation composition: brown mosses, 5.1.Vegetation composition: typical vascular plants, 5.2.Vegetation composition: native negative indicator species, 5.3. Vegetation composition: non-native species, 5.4.Vegetation composition: native trees and shrubs, 5.5. Vegetation composition: soft rush and common reed cover, 6. Vegetation structure: litter, 7.Physical structure: disturbed bare ground, 7.1.Physical structure: tufa formations, 8. Indicators of local distinctiveness	All/Other Relevant Threats and Pressures	N/A	MJ01 Implement climate change mitigation measures, MJ02 Implement climate change adaptation measures	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	All Government Departments	2019+	Climate Action and Low Carbon Development (Amendment) Act 2021