

Site name: Tory Hill SAC 000439

County: Limerick

Site Specific Conservation Objective (SSCO) Ecological Attributes

[6210] Semi natural dry grasslands and scrubland facies on calcareous substrates

Festuco Brometalia important orchid sites

- 1 Habitat area
- 2 Habitat distribution
- 3.1 Vegetation composition: positive indicator species
- 3.2 Vegetation composition: negative indicator species
- 3.3 Vegetation composition: non-native species
- 3.4 Vegetation composition: woody species and bracken
- 4.1 Vegetation structure: broadleaf herb:grass ratio
- 4.2 Vegetation structure: sward height
- 4.3 Vegetation structure: litter
- 5.1 Physical structure: bare soil
- 5.2 Physical structure: grazing or disturbance

[7210] Calcareous fens with Cladium mariscus and species of the Caricion davallianae*

- 1 Habitat area
- 2 Habitat distribution
- 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
- 4.1 Vegetation composition: typical species
- 4.2 Vegetation composition: native negative indicator species
- 4.3 Vegetation composition: non-native species
- 4.4 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: Tory Hill SAC 000439 Habitat/Species: [6210] Semi-natural dry grasslands (SSCO): To restore the favourable conservation condition of [6210] in SAC 000439										
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, 3.1. Vegetation composition: positive indicator species, 3.2. Vegetation composition: negative indicator species, 3.3. Vegetation composition: non-native species, 3.4 Vegetation composition: woody species and bracken, 4.1. Vegetation structure: broadleaf herb:grass ratio, 4.2. Vegetation structure: sward height, 4.3. Vegetation structure: litter, 5.1. Physical structure: bare soil, 5.2. Physical structure: grazing or disturbance.	PI03 Problematic native species	Medium	MI05 Management of problematic native species	Administrative	Report into Developing a Sustainable Deer Management Strategy for Ireland.	Deer Management Strategy	Department of Housing, Local Government and Heritage (DHLGH)/National Parks and Wildlife Service (NPWS)	2023+	All government plans and policy documents are cognisant of these protections
2	1. Habitat area, 2. Habitat distribution, 3.1. Vegetation composition: positive indicator species, 3.2. Vegetation composition: negative indicator species, 3.3. Vegetation composition: non-native species, 3.4 Vegetation composition: woody species and bracken, 4.1. Vegetation structure: broadleaf herb:grass ratio, 4.2. Vegetation structure: sward height, 4.3. Vegetation structure: litter, 5.1. Physical structure: bare soil, 5.2. Physical structure: grazing or disturbance.	PI02 Other invasive alien species (other than species of Union concern)	Medium	MI03 Management, control or eradication of other invasive alien species	Statutory	Consent is required for the planting of trees or multi-annual bioenergy crops, if not covered by other regulations.	European Union Habitats (Tory Hill Special Area of Conservation 000439) Regulations 2016	Department of Housing, Local Government and Heritage (DHLGH)/National Parks and Wildlife Service (NPWS)	2000	All government plans and policy documents are cognisant of these protections
3	1. Habitat area, 2. Habitat distribution, 3.1. Vegetation composition: positive indicator species, 3.2. Vegetation composition: negative indicator species, 3.3. Vegetation composition: non-native species, 3.4 Vegetation composition: woody species and bracken, 4.1. Vegetation structure: broadleaf herb:grass ratio, 4.2. Vegetation structure: sward height, 4.3. Vegetation structure: litter, 5.1. Physical structure: bare soil, 5.2. Physical structure: grazing or disturbance.	PC01 Extraction of minerals (e.g. rock, metal ores, gravel, sand, shell)	High	MF08 Manage changes in hydrological and coastal systems and regimes for construction and development (incl. restoration of habitats	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 (Tory Hill Special Area of Conservation 000439) Regulations 2016	Department of Housing, Local Government and Heritage (DHLGH)/National Parks and Wildlife Service (NPWS)	2000	All government plans and policy documents are cognisant of these protections
4	1. Habitat area, 2. Habitat distribution, 3.1. Vegetation composition: positive indicator species, 3.2. Vegetation composition: negative indicator species, 3.3. Vegetation composition: non-native species, 3.4 Vegetation composition: woody species and bracken, 4.1. Vegetation structure: broadleaf herb:grass ratio, 4.2. Vegetation structure: sward height, 4.3. Vegetation structure: litter, 5.1. Physical structure: bare soil, 5.2. Physical structure: grazing or disturbance	PA08 Extensive grazing or undergrazing by livestock	High	MA07 Restoration of Annex I agricultural habitats (incl. re-establish and improve)	Contractual	17% of terrestrial habitat in Tory Hill 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
5	1. Habitat area, 2. Habitat distribution, 3.1. Vegetation composition: positive indicator species, 3.2. Vegetation composition: negative indicator species, 3.3. Vegetation composition: non-native species, 3.4 Vegetation composition: woody species and bracken, 4.1. Vegetation structure: broadleaf herb:grass ratio, 4.2. Vegetation structure: sward height, 4.3. Vegetation structure: litter, 5.1. Physical structure: bare soil, 5.2. Physical structure: grazing or disturbance.	PA08 Extensive grazing or undergrazing by livestock	High	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 (Tory Hill Special Area of Conservation 000439) Regulations 2016	Department of Housing, Local Government and Heritage (DHLGH)/National Parks and Wildlife Service (NPWS)	2000	All government plans and policy documents are cognisant of these protections
6	1. Habitat area, 2. Habitat distribution, 3.1. Vegetation composition: positive indicator species, 3.2. Vegetation composition: negative indicator species, 3.3. Vegetation composition: non-native species, 3.4 Vegetation composition: woody species and bracken, 4.1. Vegetation structure: broadleaf herb:grass ratio, 4.2. Vegetation structure: sward height, 4.3. Vegetation structure: litter, 5.1. Physical structure: bare soil, 5.2. Physical structure: grazing or disturbance.	PA02 Conversion from one type of agricultural land use to another (excluding drainage and burning)	High	MA01 Prevent conversion of natural and semi-natural habitats, and habitats of species into agricultural land	Statutory	Consent is required for changing of agricultural use from hay meadow to any other use, if not covered by other regulations.	European Union Habitats (Tory Hill Special Area of Conservation 000439) Regulations 2016	Department of Housing, Local Government and Heritage (DHLGH)/National Parks and Wildlife Service (NPWS)	2000	All government plans and policy documents are cognisant of these protections
7	1. Habitat area, 2. Habitat distribution, 3.1. Vegetation composition: positive indicator species, 3.2. Vegetation composition: negative indicator species, 3.3. Vegetation composition: non-native species, 3.4 Vegetation composition: woody species and bracken, 4.1. Vegetation structure: broadleaf herb:grass ratio, 4.2. Vegetation structure: sward height, 4.3. Vegetation structure: litter, 5.1. Physical structure: bare soil, 5.2. Physical structure: grazing or disturbance.	PA02 Conversion from one type of agricultural land use to another (excluding drainage and burning)	High	MF08 Manage changes in hydrological and coastal systems and regimes for construction and development (incl. restoration of habitats.	Administrative	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

No.	Ecological Requirements (Attributes as per SSCO)	Pressure /Threat (EU Code 2025)	Pressure/ Threat Ranking	EU Conservation Measure Type (EU Code 2019-2024)	Measure Category	Conservation Measure	Delivery mechanism	Public Authority with statutory responsibility	Implementation timeframe	Integration with high level plans/policy:
8	1. Habitat area, 2. Habitat distribution, 3.1. Vegetation composition: positive indicator species, 3.2. Vegetation composition: negative indicator species, 3.3. Vegetation composition: non-native species, 3.4 Vegetation composition: woody species and bracken, 4.1. Vegetation structure: broadleaf herb:grass ratio, 4.2. Vegetation structure: sward height, 4.3. Vegetation structure: litter, 5.1. Physical structure: bare soil, 5.2. Physical structure: grazing or disturbance	All/Other Relevant Threats and Pressures	N/A	MA - Measures related to agricultural practices and agriculture-related habitats	Contractual	31% uptake of eligible participants (13) 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
9	1. Habitat area, 2. Habitat distribution, 3.1. Vegetation composition: positive indicator species, 3.2. Vegetation composition: negative indicator species, 3.3. Vegetation composition: non-native species, 3.4 Vegetation composition: woody species and bracken, 4.1. Vegetation structure: broadleaf herb:grass ratio, 4.2. Vegetation structure: sward height, 4.3. Vegetation structure: litter, 5.1. Physical structure: bare soil, 5.2. Physical structure: grazing or disturbance	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
10	1. Habitat area, 2. Habitat distribution, 3.1. Vegetation composition: positive indicator species, 3.2. Vegetation composition: negative indicator species, 3.3. Vegetation composition: non-native species, 3.4 Vegetation composition: woody species and bracken, 4.1. Vegetation structure: broadleaf herb:grass ratio, 4.2. Vegetation structure: sward height, 4.3. Vegetation structure: litter, 5.1. Physical structure: bare soil, 5.2. Physical structure: grazing or disturbance.	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 this site.	European Union Habitats (Tory Hill Special Area of Conservation 000439) Regulations 2016	Department of Housing, Local Government and Heritage (DHLGH)/National Parks and Wildlife Service (NPWS)	2000	All government plans and policy documents are cognisant of these protections
11	1. Habitat area, 2. Habitat distribution, 3.1. Vegetation composition: positive indicator species, 3.2. Vegetation composition: negative indicator species, 3.3. Vegetation composition: non-native species, 3.4 Vegetation composition: woody species and bracken, 4.1. Vegetation structure: broadleaf herb:grass ratio, 4.2. Vegetation structure: sward height, 4.3. Vegetation structure: litter, 5.1. Physical structure: bare soil, 5.2. Physical structure: grazing or disturbance.	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
12	1. Habitat area, 2. Habitat distribution, 3.1. Vegetation composition: positive indicator species, 3.2. Vegetation composition: negative indicator species, 3.3. Vegetation composition: non-native species, 3.4 Vegetation composition: woody species and bracken, 4.1. Vegetation structure: broadleaf herb:grass ratio, 4.2. Vegetation structure: sward height, 4.3. Vegetation structure: litter, 5.1. Physical structure: bare soil, 5.2. Physical structure: grazing or disturbance.	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
13	1. Habitat area, 2. Habitat distribution, 3.1. Vegetation composition: positive indicator species, 3.2. Vegetation composition: negative indicator species, 3.3. Vegetation composition: non-native species, 3.4 Vegetation composition: woody species and bracken, 4.1. Vegetation structure: broadleaf herb:grass ratio, 4.2. Vegetation structure: sward height, 4.3. Vegetation structure: litter, 5.1. Physical structure: bare soil, 5.2. Physical structure: grazing or disturbance.	All/Other Relevant Threats and Pressures	N/A	MA - Measures related to agricultural practices and agriculture-related habitats	Administrative/Contractual	The production of NPWS Farm Plans at Tory Hill SAC. This includes 3 plots covering approx. 3 HA within the SAC.	NPWS Farm Plan Scheme	National Parks and Wildlife (NPWS)	2006+	European Communities (Birds and Natural Habitats Regulations) 2011

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(SSCO): To maintain the favourable conservation condition of [7210] in SAC 000439

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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.	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) : 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
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.	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
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.	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 2025	Department of Agriculture, Food and the Marine (DAFM)	2022+	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)	2000+	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 2025	Department of Agriculture, Food and the Marine (DAFM)	2022+	All government plans and policy documents are cognisant of these protections

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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	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 (Tory Hill Special Area of Conservation 000439) Regulations 2016	Department of Housing, Local Government and Heritage (DHLGH)/National Parks and Wildlife Service (NPWS)	2000+	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	PL05 Modification of hydrological flow	Low	MJ02 Reduce impact of multi-purpose hydrological changes	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 (S.I. No. 261 of 2018)	Uisce Éireann (Operator) / EPA	2018+	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	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 (Tory Hill Special Area of Conservation 000439) Regulations 2016	Department of Housing, Local Government and Heritage (DHLGH)/National Parks and Wildlife Service (NPWS)	2000+	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	PL01 Abstraction from groundwater, surface water or mixed water	Low	MJ02 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 (Tory Hill Special Area of Conservation 000439) Regulations 2016	Department of Housing, Local Government and Heritage (DHLGH)/National Parks and Wildlife Service (NPWS)	2000+	All government plans and policy documents are cognisant of these protections

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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	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	Consent is required for 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 (Tory Hill Special Area of Conservation 000439) Regulations 2016	Department of Housing, Local Government and Heritage (DHLGH)/National Parks and Wildlife Service (NPWS)	2000+	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	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	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 (Tory Hill Special Area of Conservation 000439) Regulations 2016	Department of Housing, Local Government and Heritage (DHLGH)/National Parks and Wildlife Service (NPWS)	2000+	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	PA17 Agricultural activities generating pollution to surface or ground waters (including marine)	Low	MJ02 Reduce impact of multi-purpose hydrological changes	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
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	PA17 Agricultural activities generating pollution to surface or ground waters (including marine)	Low	MJ02 Reduce impact of multi-purpose hydrological changes	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

Site name: Tory Hill SAC 000439 Habitat/Species:[7230] Alkaline fens (SSCO): To maintain the favourable conservation condition of [7230] in SAC 000439										
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	PA17 Agricultural activities generating pollution to surface or ground waters (including marine)	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
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	MJ02 Reduce impact of multi-purpose hydrological changes	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
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	PA07 Intensive grazing or overgrazing by livestock	Low	MA04 Reinstatement appropriate agricultural practices to address abandonment, including mowing, grazing, burning or equivalent measures	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. [Consent is not required for the planting of crops on established reseeded grassland or cultivated land.]	European Union Habitats (Tory Hill Special Area of Conservation 000439) Regulations 2016	Department of Housing, Local Government and Heritage (DHLGH)/National Parks and Wildlife Service (NPWS)	2000+	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	PA05 Abandonment of management/use of grasslands and other agricultural and agroforestry systems (e.g. cessation of grazing, mowing or traditional farming).	Low	MA03 Maintain existing extensive agricultural practices and agricultural landscape features	Statutory	Consent is required for cutting, uprooting or otherwise removing plants, if not covered by other regulations. [Consent is not required for harvesting of cultivated crops, or for grazing or mowing.]	European Union Habitats (Tory Hill Special Area of Conservation 000439) Regulations 2016	Department of Housing, Local Government and Heritage (DHLGH)/National Parks and Wildlife Service (NPWS)	2000+	All government plans and policy documents are cognisant of these protections

Site name: Tory Hill SAC 000439 Habitat/Species:[7230] Alkaline fens (SSCO): To maintain the favourable conservation condition of [7230] in SAC 000439										
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	MA13	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 inspections (Cross Compliance)	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	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
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	MA03 Maintain existing extensive agricultural practices and agricultural landscape features	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
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	Administrative/Contractual	The production of NPWS Farm Plans at Tory Hill SAC. This includes 3 plots covering approx. 3 HA within the SAC.	NPWS Farm Plan Scheme	National Parks and Wildlife (NPWS)	2006+	European Communities (Birds and Natural Habitats Regulations) 2011

Site name: Tory Hill SAC 000439

Habitat/Species:[7230] Alkaline fens

(SSCO): To maintain the favourable conservation condition of [7230] in SAC 000439

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: 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
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	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
19	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
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	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
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	MA - Measures related to agricultural practices and agriculture-related habitats	Administrative/Contractual	The production of NPWS Farm Plans at Tory Hill SAC. This includes 3 plots covering approx. 3 HA within the SAC.	NPWS Farm Plan Scheme	National Parks and Wildlife (NPWS)	2006+	European Communities (Birds and Natural Habitats Regulations) 2011