



NATURA 2000 - STANDARD DATA FORM

For Special Protection Areas (SPA),
Proposed Sites for Community Importance (pSCI),
Sites of Community Importance (SCI) and
for Special Areas of Conservation (SAC)

SITE IE0000318
SITENAME Peterswell Turlough SAC

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1. SITE IDENTIFICATION

1.1 Type B	1.2 Site code IE0000318	Back to top
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1.3 Site name

Peterswell Turlough SAC

1.4 First Compilation date 1995-12	1.5 Update date 2015-12
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1.6 Respondent:

Name/Organisation:	National Parks and Wildlife Service, Department of Arts, Heritage and the Gaeltacht
Address:	7 Ely Place, Dublin 2, Ireland
Email:	datadelivery@ahg.gov.ie

Date site proposed as SCI:	1997-11
Date site confirmed as SCI:	No data
Date site designated as SAC:	No data
National legal reference of SAC designation:	No data

2. SITE LOCATION

2.1 Site-centre location [decimal degrees]:

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Longitude
-8.739019924

Latitude
53.12940938

2.2 Area [ha]:

245.57

2.3 Marine area [%]

0.0

2.4 Sitelength [km]:

0.0

2.5 Administrative region code and name

NUTS level 2 code

Region Name

IE01	Border, Midland and Western
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2.6 Biogeographical Region(s)

Atlantic (%)

3. ECOLOGICAL INFORMATION

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3.1 Habitat types present on the site and assessment for them

Annex I Habitat types						Site assessment			
Code	PF	NP	Cover [ha]	Cave [number]	Data quality	A B C D	A B C		
						Representativity	Relative Surface	Conservation	Global
3180 B			142.43		M	A	B	B	B
3270 B			0.9		G	C	C	C	C

- **PF:** for the habitat types that can have a non-priority as well as a priority form (6210, 7130, 9430) enter "X" in the column PF to indicate the priority form.
- **NP:** in case that a habitat type no longer exists in the site enter: x (optional)
- **Cover:** decimal values can be entered
- **Caves:** for habitat types 8310, 8330 (caves) enter the number of caves if estimated surface is not available.
- **Data quality:** G = 'Good' (e.g. based on surveys); M = 'Moderate' (e.g. based on partial data with some extrapolation); P = 'Poor' (e.g. rough estimation)

3.2 Species referred to in Article 4 of Directive 2009/147/EC and listed in Annex II of Directive 92/43/EEC and site evaluation for them

[illegible]

					Min	Max				Pop.	Con.	Iso.	Glo.
B	A052	Anas crecca		w	148	148	i		G	C	C	C	C
B	A050	Anas penelope		w	404	404	i		G	C	B	C	C
B	A059	Aythya ferina		w	52	52	i		G	C	C	C	C
B	A061	Aythya fuligula		w	26	26	i		G	C	C	C	C
B	A149	Calidris alpina		w	100	100	i		G	C	B	C	C
B	A038	Cygnus cygnus		w				P	M	C	A	C	A
B	A160	Numenius arquata		w	188	188	i		G	C	C	C	C
B	A140	Pluvialis apricaria		w	600	600	i		G	C	C	C	C
B	A142	Vanellus vanellus		w	284	284	i		G	C	C	C	C

- **Group:** A = Amphibians, B = Birds, F = Fish, I = Invertebrates, M = Mammals, P = Plants, R = Reptiles
- **S:** in case that the data on species are sensitive and therefore have to be blocked for any public access enter: yes
- **NP:** in case that a species is no longer present in the site enter: x (optional)
- **Type:** p = permanent, r = reproducing, c = concentration, w = wintering (for plant and non-migratory species use permanent)
- **Unit:** i = individuals, p = pairs or other units according to the Standard list of population units and codes in accordance with Article 12 and 17 reporting (see [reference portal](#))
- **Abundance categories (Cat.):** C = common, R = rare, V = very rare, P = present - to fill if data are deficient (DD) or in addition to population size information
- **Data quality:** G = 'Good' (e.g. based on surveys); M = 'Moderate' (e.g. based on partial data with some extrapolation); P = 'Poor' (e.g. rough estimation); VP = 'Very poor' (use this category only, if not even a rough estimation of the population size can be made, in this case the fields for population size can remain empty, but the field "Abundance categories" has to be filled in)

3.3 Other important species of flora and fauna (optional)

Species					Population in the site				Motivation						
Group	CODE	Scientific Name	S	NP	Size		Unit	Cat.	Species Annex		Other categories				
					Min	Max		C R V P	IV	V	A	B	C	D	
P		Limosella aquatica						P			X				
P		Rorippa islandica						P			X				
P		Viola persicifolia						P			X				

- **Group:** A = Amphibians, B = Birds, F = Fish, Fu = Fungi, I = Invertebrates, L = Lichens, M = Mammals, P = Plants, R = Reptiles
- **CODE:** for Birds, Annex IV and V species the code as provided in the reference portal should be used in addition to the scientific name
- **S:** in case that the data on species are sensitive and therefore have to be blocked for any public access enter: yes
- **NP:** in case that a species is no longer present in the site enter: x (optional)
- **Unit:** i = individuals, p = pairs or other units according to the standard list of population units and codes

in accordance with Article 12 and 17 reporting, (see [reference portal](#))

- **Cat.:** Abundance categories: C = common, R = rare, V = very rare, P = present
- **Motivation categories:** **IV, V:** Annex Species (Habitats Directive), **A:** National Red List data; **B:** Endemics; **C:** International Conventions; **D:** other reasons

4. SITE DESCRIPTION

4.1 General site character

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Habitat class	% Cover
N14	30.0
N16	5.0
N10	4.0
N08	2.0
N06	58.0
N22	1.0
Total Habitat Cover	100

Other Site Characteristics

Peterswell (Blackrock and Bullaunagh) Turlough lies in limestone in an elongated depression close to the edge of the Slieve Aughty mountains. It is fed largely by surface flow from the Kilchreest River but has no corresponding outflow. The Blackrock section is a deep basin, dry in summer, with woodland and sloping rocks on the S.E. side. The fluctuation of water level is extreme and in some years the waterbody is 18m deep.

4.2 Quality and importance

The Blackrock section of the site is the deepest turlough known and one of the few large ones that is river-fed. The vegetation is in very good condition and, while not very diverse, includes two types not widely found. These are Rhamnus woodland and late-exposed mud with Limosella. The Bullaunagh section is a broader valley which floods in winter. Between the two turloughs, the Limepark area has notable turlough woodland along the narrow river gorge with a large area of Ash woodland on limestone pavement at the west. Winter bird numbers are thought to be significant. The internationally important population of Whooper Swans at the Lough Coy catchment use the turloughs in this site. Three Red Data Book plant species are found in the site.

4.3 Threats, pressures and activities with impacts on the site

The most important impacts and activities with high effect on the site

Negative Impacts			
Rank	Threats and pressures [code]	Pollution (optional) [code]	inside/outside [i o b]
M	A04		i
L	B01		o
H	A08		b
M	A05.02		i
L	E03.03		i
M	J02.01.03		b
M	A02.01		i
M	J02.10		b
M	E03.01		b
H	J02.05		b
M	J02.01		i

Positive Impacts			
Rank	Activities, management [code]	Pollution (optional) [code]	inside/outside [i o b]
L	X		i

M	H02.06		b
M	H01.08		b

Rank: H = high, M = medium, L = low

Pollution: N = Nitrogen input, P = Phosphor/Phosphate input, A = Acid input/acidification,

T = toxic inorganic chemicals, O = toxic organic chemicals, X = Mixed pollutions

i = inside, o = outside, b = both

4.5 Documentation

Goodwillie, R. (1992). Turloughs Over 10ha - Vegetation Survey and Evaluation. Unpublished report to the National Parks and Wildlife Service, Dublin. Madden, B. and Heery, S. (1999). Census of Wintering Wetland Birds in South Galway (Gort-Ardrahan Catchment) Winter 1998/99. Internal Report prepared for Dúchas the Heritage Service (National Parks and Wildlife). Southern Water Global Ltd. and Jennings O'Donovan and Partners (1997). An Investigation of the Flooding Problems in the Gort-Ardrahan Area of South Galway. Vols. 1 and II. Internal Report prepared for Dúchas the Heritage Service (National Parks and Wildlife) and for the Office of Public Works.

6. SITE MANAGEMENT

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6.2 Management Plan(s):

An actual management plan does exist:

<input type="checkbox"/>	Yes
<input type="checkbox"/>	No, but in preparation
<input checked="" type="checkbox"/>	No

7. MAP OF THE SITES

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INSPIRE ID:

IE.NPWS.PS.NATURA2000.SAC.IE0000318

Map delivered as PDF in electronic format (optional)

☐ Yes ☒ No

Reference(s) to the original map used for the digitalisation of the electronic boundaries (optional).

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