



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 IE0000685
SITENAME Lough Ennell SAC

TABLE OF CONTENTS

- [1. SITE IDENTIFICATION](#)
- [2. SITE LOCATION](#)
- [3. ECOLOGICAL INFORMATION](#)
- [4. SITE DESCRIPTION](#)
- [5. SITE PROTECTION STATUS](#)
- [6. SITE MANAGEMENT](#)
- [7. MAP OF THE SITE](#)

1. SITE IDENTIFICATION

1.1 Type B	1.2 Site code IE0000685	Back to top
----------------------	-----------------------------------	-----------------------------

1.3 Site name

Lough Ennell SAC

1.4 First Compilation date 1995-08	1.5 Update date 2015-12
--	-----------------------------------

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:	1998-05
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]:

[Back to top](#)

-7.403005263

Latitude

53.46711528

2.2 Area [ha]:

1720.38

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
------	-----------------------------

2.6 Biogeographical Region(s)

Atlantic (%)

3. ECOLOGICAL INFORMATION

[Back to top](#)

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
3140B			1152.65		M	D			
7230B			51.61		M	B	C	B	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

Species					Population in the site					Site assessment	
G	Code	Scientific Name	S	NP	T	Size	Unit	Cat.	D.qual.	A B C D	A B C

					Min	Max				Pop.	Con.	Iso.	Glo.
B	A395	Anser albifrons flavirostris		w	332	332	i		G	B	A	C	A
B	A059	Aythya ferina		w	889	889	i		G	B	B	C	B
B	A061	Aythya fuligula		w	720	720	i		G	B	B	C	B
B	A036	Cygnus olor		w	424	424	i		G	B	B	C	B
B	A125	Fulica atra		w	639	639	i		G	B	B	C	B
F	1096	Lampetra planeri		p				P	M	D			
M	1355	Lutra lutra		p				P	M	D			
B	A193	Sterna hirundo		r		3	p		G	C	B	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		Chara denudata						P			X				
P		Chara tomentosa						P			X				
I		Limnephilus nigriceps						P						X	
I		Metatype fragilis						P						X	
B		Phalacrocorax carbo			149	149								X	
F		Salmo trutta						P						X	
I		Tinodes maculicornis						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

[Back to top](#)

Habitat class	% Cover
N19	2.0
N06	67.0
N07	14.0
N14	17.0
Total Habitat Cover	100

Other Site Characteristics

Lough Ennel is a large open steep-sided limestone lake situated on the River Brosna within the Shannon catchment. The water is hard with low colour and markedly alkaline Ph. Maximum depth is 30m though the lake is generally much shallower. Much of the lakeshore is stony - wetland vegetation, including reedswamp and alkaline fen, fringe the lake in places, particularly at the points of inflow and outflow of the Brosna and at the south west and south east shores. Mixed woodland, much of it with a wet wood character, occurs in places. Some improved grassland, used by feeding Anser albifrons flavirostris is included in site. The lake is surrounded by generally good quality pasture land.

4.2 Quality and importance

This lake is one of the most important midland limestone lakes but the quality of the water has been poor owing to severe eutrophication in the 1970's. There has been improvement, however, and in 1990 it was classified as mesotrophic. A good diversity of charophytes have been recorded, including some of the rare species of calcareous water. Some good alkaline fen fringes the lake in parts. Lutra lutra and Lampetra planeri occur at the site, as well as some important invertebrate species. The site is an important bird area, and has wintering Anser albifrons flavirostris. Further improvement in water quality would increase the value of this 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]
L	B02.02		o
L	J02.05.02		i
M	H06.01.01		o
L	F03.01		i
L	H01.08		i
L	D01.01		i
L	A04.03		b

Positive Impacts			
Rank	Activities, management [code]	Pollution (optional) [code]	inside/outside [i o b]
L	A04.02.05		b

L	F02.03.02		i
L	H01.05		i
L	J02.01		i
L	K03.01		i
L	A04.01.01		b
L	H06.02		i

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

Flanagan, P.J. and Toner, P.F. (1975). A Preliminary Survey of Irish Lakes. An Foras Forbartha, Dublin.
 Clabby, K.J., Lucey, J., McGarrigle, M.L., Bowman, J.J., Flanagan, P.J. and Toner, P.F. (1992). Water Quality in Ireland, 1987-1990. Part One. Environmental Research Unit, Dublin.
 Merne, O.J. (1989). Important bird areas in the Republic of Ireland. W: Grimmett, R.F.A. and Jones, J.A. (Eds.) Important Bird Areas in Europe. ICBP Technical Publication, No.9. Cambridge.
 Sheppard, R. (1993). Ireland's Wetland Wealth. Irish Wildbird Conservancy, Dublin.
 Fox, A.D., Norriss, D.W., Stroud, D.A. and Wilson, H.J. (1994). Greenland White-fronted Geese in Ireland and Britain, 1982/83 - 1993/94. National Parks and Wildlife Service, Dublin.

5. SITE PROTECTION STATUS (optional)

designated at international level:

[Back to top](#)

Type	Site name	Type	Cover [%]
Other	Lough Ennell		

6. SITE MANAGEMENT

[Back to top](#)

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

[Back to top](#)

INSPIRE ID:

IE.NPWS.PS.NATURA2000.SAC.IE0000685

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).

--

