



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 IE0000326
SITENAME Shankill West Bog SAC

TABLE OF CONTENTS

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

1. SITE IDENTIFICATION

1.1 Type B	1.2 Site code IE0000326	Back to top
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1.3 Site name

Shankill West Bog SAC

1.4 First Compilation date 1995-05	1.5 Update date 2020-10
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1.6 Respondent:

Name/Organisation: National Parks and Wildlife Service, Department of Culture, Heritage and the Gaeltacht
Address: 90 King Street North, Dublin 7, D07 N7CV, Ireland
Email: datadelivery@chg.gov.ie

Date site proposed as SCI:	1997-11
Date site confirmed as SCI:	No data
Date site designated as SAC:	2020-03
National legal reference of SAC designation:	115/2020

2. SITE LOCATION

2.1 Site-centre location [decimal degrees]:

[Back to top](#)

Longitude
-8.556373616

Latitude
53.51867275

2.2 Area [ha]:
135.0670365

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

[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	Glo
7110			13.31		G	A	C	B	A
7120			10.06		G	B	C	C	B
7150			0.659070514		M	B	C	B	B

- **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)

4. SITE DESCRIPTION

[Back to top](#)

4.1 General site character

Habitat class	% Cover
N07	87.0
N06	1.0
N20	5.0
N14	7.0
Total Habitat Cover	100

Other Site Characteristics

This site is underlain by shallow water bioclastic carboniferous limestones which have a moderate to high permeability depending on the degree of karstification and number of fissures. Silty limestone tills dominate the subsoils. These have a moderate permeability. The bog occupies a small basin surrounded by drumlin ridges. To the north, peat has encroached onto the drumlin with a natural gradation from bog to mineral soil. There is a small discharge area at the base of this drumlin which gives rise to an area of alkaline fen. Part of the cutover bog has been converted to improved grassland but is included in the site for hydrological reasons.

4.2 Quality and importance

Shankill West Bog is one of the best examples of a relatively small raised bog site in the country and contains good examples of the Annex 1 habitats active raised bog, degraded raised bog and depressions on peat substrates (Rhynchosporion). The high bog dome contains a wet central core of active raised bog which is of high quality, containing extensive quaking lawns and pool systems. On areas along the northern and southern margins of the site, at the transition between raised bog and the higher mineral ground, there are areas of infiltration lagg influenced by upwelling, base-rich water. This lagg area supports fen vegetation of high ecological interest which adds greatly to the overall interest of 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]
L	J02.07		i
L	A04.01.01		i
L	J01.01		i
L	C01.03.02		i
L	A08		i
M	A10		i

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

Cross, J.R. (1990). The Raised Bogs of Ireland: their Ecology, Status and Conservation. Unpublished report, for the Minister of State at the Department of Finance, Dublin. Douglas, C. and Mooney, E. (1984). Survey to locate raised bogs of scientific interest in Counties Galway (E) and Roscommon. Part I. Internal report to the Forest and Wildlife Service, Dublin. Kelly, L., Doak M. and Dromey, M. (1993). Raised bog restoration project: An investigation into the conservation and restoration of selected raised bog sites in Ireland: An internal report to the National Parks and Wildlife Service. National Parks and Wildlife Service (1992-1994). National Areas of Scientific Interest Survey. Unpublished report, National Parks and Wildlife Service, Dublin.

6. SITE MANAGEMENT

6.2 Management Plan(s):

[Back to top](#)

An actual management plan does exist:

- Yes
 No, but in preparation
 No

7. MAP OF THE SITES

[Back to top](#)

INSPIRE ID:

IE.NPWS.PS.NATURA2000.SAC.IE0000326

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).