



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 IE0000210
SITENAME South Dublin Bay SAC

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1. SITE IDENTIFICATION

1.1 Type B	1.2 Site code IE0000210	Back to top
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1.3 Site name

South Dublin Bay SAC

1.4 First Compilation date 2000-01	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

1.7 Site indication and designation / classification dates

Date site classified as SPA:	0000-00
National legal reference of SPA designation	No data
Date site proposed as SCI:	2000-01
Date site confirmed as SCI:	No data
Date site designated as SAC:	2019-10
National legal reference of SAC designation:	525/2019

2. SITE LOCATION

2.1 Site-centre location [decimal degrees]:

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Longitude -6.187783005 Latitude 53.32352342

2.2 Area [ha]:

2.3 Marine area [%]

2.4 Sitelength [km]:

0.0

2.5 Administrative region code and name

NUTS level 2 code

Region Name

IEZZ	Extra-Regio
IE02	Southern and Eastern

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
1140B			719.9478		M	B	B	B	B
1210B			0.01		G	A	C	B	B
1310B			0.01		G	A	C	B	B
2110B			0.03		G	A	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)

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	A169	Arenaria interpres			w	45	45	i		G	C	B	C	C
B	A046	Branta bernicla			w	299	299	i		G	C	B	C	A
B	A144	Calidris alba			w	344	344	i		G	B	B	C	A
B	A149	Calidris alpina			w	2628	2628	i		G	B	B	C	B
B	A143	Calidris canutus			w	432	432	i		G	C	B	C	B
B	A137	Charadrius hiaticula			w	120	120	i		G	C	B	C	B
B	A130	Haematopus ostralegus			w	1215	1215	i		G	C	B	C	B
B	A157	Limosa lapponica			w	565	565	i		G	B	B	C	B
B	A192	Sterna dougallii			c	150	300	i		G	B	B	C	A
B	A193	Sterna hirundo			c	1000	2000	i		G	B	B	C	A

B	A194	Sterna paradisaea		c	500	1000	i		G	B	B	C	A
B	A162	Tringa totanus		w	356	356	i		G	C	B	C	B

- **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)

4. SITE DESCRIPTION

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4.1 General site character

Habitat class	% Cover
N05	1.0
N02	98.0
N04	1.0
Total Habitat Cover	100

Other Site Characteristics

This intertidal site extends from the South Wall at Dublin Port to the West Pier at Dun Laoghaire, a distance of c. 5 km. At their widest, the intertidal flats extend for almost 3 km. The seaward boundary is marked by the low tide mark, while the landward boundary is now almost entirely artificially embanked. Several permanent channels exist, the largest being Cockle Lake. A small sandy beach occurs at Merrion Gates, while some bedrock shore occurs near Dun Laoghaire. A number of small streams and drains flow into the site. The proximity of the site to Dublin City results in it being a very popular recreational area. It is also important for educational and research purposes.

4.2 Quality and importance

Site possesses a fine and fairly extensive example of intertidal flats. Sediment type is predominantly sand, with muddy sands in the more sheltered areas. A typical macro-invertebrate fauna exists. Has the largest stand of Zostera on the east coast. Supports part of the important wintering waterfowl populations of Dublin Bay. Regularly has an internationally population of Branta bernicila horta, plus nationally important numbers of at least a further 6 species, including Limosa lapponica. Regular autumn roosting ground for significant numbers of Sterna terns, including S. dougallii. The scientific interests of the site have been well documented.

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]
H	E02		o
H	G01.02		i
M	G01.01.02		i
H	J02.01.02		o
H	K02.02		i
M	F02.03.01		i
L	D01.02		o
M	D01.01		i
H	E01		o
M	G01.01		i
M	E03		b
M	H03		b

Positive Impacts			
Rank	Activities, management [code]	Pollution (optional) [code]	inside /outside [i o b]
M	M01		i
M	K02		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

4.4 Ownership (optional)

4.5 Documentation

Brunton, M., Convery, F.J. & Johnson, A. (eds) (1987). Managing Dublin Bay. Resource & Environmental Policy Centre, University College, Dublin. Colhoun, K. (1998). I-WeBS Report 1996-97. BirdWatch Ireland, Dublin. Doogue, D., Nash, D., Parnell, J., Reynolds, S., & Wyse Jackson, P., (1998). Flora of County Dublin. Dublin Naturalists' Field Club, Dublin. Jeffrey, D.W., Madden, B., Rafferty, B., Dwyer, R., Wilson, J.W., & Allott, N. (1992). Algal Growths and Foreshore Quality. Technical Report No. 7. Dublin Bay Water Quality Management Plan. Environmental Research Unit, Dublin. Madden, B., Jeffrey, D.W. & Jennings, E. (1993). Distribution and ecology of Zostera in County Dublin. Irish Naturalists' Journal 24: 303-309. O'Briain, M. (1991). Use of a Zostera bed in Dublin Bay by Light-bellied Brent Geese, 1981/82 to 1990/91. Irish Birds 4: 299-316. Sheppard, R. (1993). Ireland's Wetland Wealth. IWC, Dublin. Wilson, J.G. (1982). The littoral fauna of Dublin Bay. Irish Fisheries Investigations Series B (Marine) No. 26. Wilson, J.G. (1982). Distribution, biomass and production of bivalves in Dublin Bay. Malacologia 22: 377-384.

5. SITE PROTECTION STATUS (optional)

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5.1 Designation types at national and regional level:

5.2 Relation of the described site with other sites:

designated at international level:

Type	Site name	Type	Cover [%]
Other	Sandymount Strand/Tolka Estuary		

5.3 Site designation (optional)

6. SITE MANAGEMENT

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6.1 Body(ies) responsible for the site management:

6.2 Management Plan(s):

An actual management plan does exist:

Yes
 No, but in preparation
 No

6.3 Conservation measures (optional)

7. MAP OF THE SITES

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INSPIRE ID:

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).