



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 IE0000199
SITENAME Baldoyle Bay SAC

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1. SITE IDENTIFICATION

1.1 Type B	1.2 Site code IE0000199	Back to top
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1.3 Site name

Baldoyle Bay SAC

1.4 First Compilation date 1999-12	1.5 Update date 2018-09
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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:	1999-12
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

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2.1 Site-centre location [decimal degrees]:

Longitude

-6.111740544

Latitude

53.40230458

2.2 Area [ha]:

538.7018086

2.3 Marine area [%]

88.607

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

3.1 Habitat types present on the site and assessment for them

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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
1140			409.2373		M	B	B	B	B
1310			0.3832		M	C	C	C	C
1320			10.78		M	D			
1330			12.5121		M	B	C	C	B
1410			2.6364		M	B	C	C	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	A054	Anas acuta			w	26	26	i		G	C	B	C	B
B	A052	Anas crecca			w	122	122	i		G	C	B	C	C
B	A169	Arenaria interpres			w	50	50	i		G	C	B	C	C
B	A046	Branta bernicla			w	418	418	i		G	B	B	C	A
B	A144	Calidris alba			w	28	28	i		G	C	B	C	B
B	A149	Calidris alpina			w	512	512	i		G	C	B	C	C
B	A143	Calidris canutus			w	96	96	i		G	C	B	C	C
B	A137	Charadrius hiaticula			w	218	218	i		G	B	B	C	B
B	A153	Gallinago gallinago			w	11	11	i		G	C	B	C	C
B	A130	Haematopus ostralegus			w	479	479	i		G	C	B	C	C
B	A157	Limosa lapponica			w	283	283	i		G	C	B	C	B
B	A156	Limosa limosa			w	72	72	i		G	C	B	C	C
B	A070	Mergus merganser			w	13	13	i		G	C	B	C	C
B	A140	Pluvialis apricaria			w	1900	1900	i		G	C	B	C	C
B	A141	Pluvialis squatarola			w	148	148	i		G	B	B	C	B
B	A195	Sterna albifrons			r	5	5	p		G	C	C	C	C
B	A048	Tadorna tadorna			w	147	147	i		G	C	B	C	B
B	A164	Tringa nebularia			w	11	11	i		G	B	B	C	B
B	A162	Tringa totanus			w	197	197	i		G	C	B	C	C
B	A142	Vanellus vanellus			w	631	631	i		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		Hordeum secalinum									X				
P		Puccinellia fasciculata									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

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4.1 General site character

Habitat class	% Cover
N02	88.0
N09	1.0
N04	5.0
N03	4.0
N10	1.0
N14	1.0
Total Habitat Cover	100

Other Site Characteristics

Site comprises a relatively small estuarine and bay system in north County Dublin. Receives the flows of the Mayne and Sluice rivers, both of which drain an agricultural / suburban catchment. The inner part of the site is sheltered from the sea by a large sand dune peninsula, though most of the dunes are now used as a golf

course. Sediments in the inner sheltered areas are mostly muds or muddy sands, often with a high organic content. Part of the tidal section of the Mayne River and adjoining brackish marshes are included in the site. The outer part of the site is exposed to the open sea and the sediments here are predominantly well-aerated sands. In addition to the intertidal and salt marsh habitats, small areas of sand dunes and sandy beaches are included.

4.2 Quality and importance

A typical eastern estuarine system with fairly extensive intertidal sand and mud flats. Good diversity in sediment types. Has *Zostera* spp. Quality variable but generally good. Salt marshes are well represented and are at least of moderate quality. Has two Red Data Book plant species. Of importance for wintering waterfowl, with an internationally important population of *Branta bernicla horta* and nationally important populations of a further 6 species including *Pluvialis apricaria* and *Limosa lapponica*. *Sterna albifrons* formerly bred.

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	G02.01		b
H	I01		i
M	F02.03.01		i
M	J02.01.02		i
M	F03.01		i
H	G01.01.02		i
M	D01.02		o
H	E01		o
M	K02.03		i
M	K03.06		i
M	E03		i
H	G01.02		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

Bowman, J.J., Clabby, K.J., Lucey, J., Mc Garrigle, M.L. and Toner, P.H. (1996). Water Quality in Ireland 1991-1994. Environmental Protection Agency, Wexford. Colhoun, K. (1998). I-WeBS Report 1996-97. BirdWatch Ireland, Dublin. Curtis, T.G.F. and Sheehy Skeffington, M.J. (1998). The salt marshes of Ireland: an inventory and account of their geographical variation. *Biology and the Environment, Proceedings of the Royal Irish Academy* 98B: 87-104. Curtis, T.G.F. (1991a). A site inventory of the sandy coasts of Ireland. In Quigley, M.B. (ed.) *A Guide to the Sand Dunes of Ireland*. E.U.C.C. Dublin. Doogue, D., Nash, D., Parnell, J., Reynolds, S., & Wyse Jackson, P. (1998). *Flora of County Dublin*. Dublin Naturalists' Field Club, Dublin. Goodwillie, R. (1988). *A Preliminary Report on Areas of Scientific Interest in County Dublin*. 2nd Edition. An Foras Forbartha, Dublin. Lovatt, J.K., Madden, B. & O'Donnell, M. (1985). The birds of Portmarnock sand dune system and Baldoyle Estuary. *Irish East Coast Bird Report* 1985, 58-62. Lovatt, J.K., Madden, B. & O'Donnell, M. (1986). The birds of Portmarnock sand dune system and Baldoyle Estuary : Part 2: Spring 1986 to January 1987. *Irish East Coast Bird Report* 1986, 46-50. Madden, B., Jeffrey, D.W. & Jennings, E. (1993). Distribution and ecology of *Zostera* in County Dublin. *Irish Naturalists' Journal* 24: 303-309. Merne, O.J. (1989). Important bird areas in the Republic of Ireland. In: Grimmett, R.F.A. and Jones, T.A. (eds) *Important Bird Areas in Europe*. ICBP Technical Publication No. 9. Cambridge. O'Reilly, H. & Pantin, G. (1957). Some observations on the salt marsh formation in Co. Dublin. *Proceedings of the Royal Irish Academy*, Vol. 58 Sect. B: 89-128. Reynolds, B. (1997). A vegetation survey and some edaphic analysis of Baldoyle brackish marsh with particular reference to borer's saltmarsh grass *Puccinellia fasciculata*.

Unpublished M.Sc. Thesis, National University of Ireland. Sheppard, R. (1993). Ireland's Wetland Wealth. IWC, Dublin. Whilde, A. (1985). The All Ireland Tern Survey 1984. Unpublished report for the Irish Wildbird Conservancy, Dublin.

5. SITE PROTECTION STATUS (optional)

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5.1 Designation types at national and regional level:

Code	Cover [%]	Code	Cover [%]	Code	Cover [%]
IE01	36.0				

5.2 Relation of the described site with other sites:

designated at national or regional level:

Type code	Site name	Type	Cover [%]
IE01	Baldoyle Estuary Nature Reserve	*	36.0

designated at international level:

Type	Site name	Type	Cover [%]
Other	Baldoyle Estuary Nature Reserve	*	36.0

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:

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).

<input type="text"/>
