



# 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 IE0002118  
SITENAME Barnahallia Lough SAC

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## 1. SITE IDENTIFICATION

|          |               |                             |
|----------|---------------|-----------------------------|
| 1.1 Type | 1.2 Site code | <a href="#">Back to top</a> |
| B        | IE0002118     |                             |

### 1.3 Site name

|                       |
|-----------------------|
| Barnahallia Lough SAC |
|-----------------------|

|                            |                 |
|----------------------------|-----------------|
| 1.4 First Compilation date | 1.5 Update date |
| 1997-03                    | 2018-09         |

### 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:                   | 1997-08  |
| Date site confirmed as SCI:                  | No data  |
| Date site designated as SAC:                 | 2016-05  |
| National legal reference of SAC designation: | 244/2016 |

## 2. SITE LOCATION

### 2.1 Site-centre location [decimal degrees]:

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Longitude Latitude  
-10.12096064 53.53311355

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                 |
|-------------------|-----------------------------|
| IE01              | Border, Midland and Western |

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 |
| 3110 <i>8</i>         |    |    | 0.1        |               | M            | D                |                  |              |        |
| 3130 <i>8</i>         |    |    | 2.965353   |               | M            | C                | C                | C            | C      |
| 7130 <i>8</i>         |    |    | 5.34       |               | M            | D                |                  |              |        |

- **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. |
| P       | 1833 | <a href="#">Najas flexilis</a> |   |    | p                      |      |     |      | P    | DD       | B               | 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

4.1 General site character

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| Habitat class       | % Cover |
|---------------------|---------|
| N08                 | 50.0    |
| N07                 | 15.0    |
| N10                 | 10.0    |
| N06                 | 15.0    |
| N22                 | 10.0    |
| Total Habitat Cover | 100     |

Other Site Characteristics

Situated less than 2 km from the Atlantic coastline, this site contains a small lake located in a depression at the bottom of Barnahallia Hill (rises to 106 m) to the east. The lake is fed by a small stream at the south-west corner. In addition to a well-developed aquatic flora, the lake shows interesting succession to swamp (*Phragmites australis*, *Cladium mariscus*), fen and blanket bog vegetation. The bog has a good diversity of *Sphagnum* mosses. The surrounding landuse comprises low intensity grazing.

4.2 Quality and importance

Barnahallia Lough is a good example of one of the many small oligotrophic lakes which occur along the western seaboard. The quality of the lake appears good and it is in a fairly natural state. The presence of *Najas flexilis*, at one of its most westerly stations in Ireland, adds to the scientific 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<br>[code] | Pollution (optional)<br>[code] | inside/outside<br>[i o b] |
| M                | A03.03                          |                                | i                         |
| H                | J01.01                          |                                | i                         |

| Positive Impacts |                                  |                                |                            |
|------------------|----------------------------------|--------------------------------|----------------------------|
| Rank             | Activities, management<br>[code] | Pollution (optional)<br>[code] | inside /outside<br>[i o b] |
| M                | A04.01.05                        |                                | 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

Byrne, C., MhicDaeid, C. & O'Sullivan, A. (1995). Rare Plant Survey 1995, Lough Barnahallia. Unpublished report to the National Parks & Wildlife Service, Dublin.

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:

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:

IE.NPWS.PS.NATURA2000.SAC.IE0002118

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).