



# 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 IE0002120  
SITENAME Lough Bane and Lough Glass SAC

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## 1. SITE IDENTIFICATION

<b>1.1 Type</b> B	<b>1.2 Site code</b> IE0002120	<a href="#">Back to top</a>
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### 1.3 Site name

Lough Bane and Lough Glass SAC

<b>1.4 First Compilation date</b> 1997-03	<b>1.5 Update date</b> 2015-12
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### 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

<b>Date site proposed as SCI:</b>	1997-08
<b>Date site confirmed as SCI:</b>	No data
<b>Date site designated as SAC:</b>	No data
<b>National legal reference of SAC designation:</b>	No data

## 2. SITE LOCATION

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

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**Longitude**  
-7.171971404

**Latitude**  
53.68805947

**2.2 Area [ha]:**

203.51

**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**

IE02	Southern and Eastern
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
3140			128.21		M	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.	Gl

I	1092	<a href="#">Austropotamobius pallipes</a>			p			i		G	C	B	C	C
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- **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)

## 4. SITE DESCRIPTION

### 4.1 General site character

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Habitat class	% Cover
N06	63.0
N14	1.0
N08	3.0
N19	10.0
N07	19.0
N09	4.0
<b>Total Habitat Cover</b>	100

### Other Site Characteristics

The site is situated in a shallow valley on the headwaters of the River Deel. It comprises Lough Bane and two smaller lakes. Water level has dropped since the start of the 20th century, exposing soft marl deposits. The lakes have well developed marginal swamp and fen vegetation. Parts of shoreline are wooded with mainly deciduous species. The site includes some areas of dry calcareous grassland. Surrounding areas are mostly semi-improved to improved pasture fields. Some afforestation has occurred in the area in recent times.

### 4.2 Quality and importance

A small but diverse marl lake, with well developed Chara communities, including such species as Chara globularis, C. contraria, C. rudis and C. curta. Water quality is good with no apparent signs of pollution. The lake formerly had a good population of Austropotamobius pallipes but the entire population had become extinct by 1987, probably due to crayfish fungus plague. Habitat for crayfish remains suitable and there are plans for a reintroduction scheme.

### 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	A10.01		i

Rank: H = high, M = medium, L = low

Positive Impacts			
Rank	Activities, management [code]	Pollution (optional) [code]	inside/outside [i o b]
H	J02.06.02		i

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

Clabby, K.J., Lucey, J., McGarrigle, M.L., Bowman, J.J., Flanagan, P.J. & Toner, P.F. (1992). Water Quality in Ireland, 1987-1990. Part 1. - General Assessment. Environmental Research Unit, Dublin. Reynolds, J.D. (1982). Notes on the Irish distribution of the freshwater crayfish. Bulletin of the Irish Biogeographical Society 6: 18-24. Reynolds, J.D. (1987). Crayfish extinctions and crayfish plague in Central Ireland. Biological Conservation 45: 279-285. Mathews, M. & Reynolds, J.D. (1992). Ecological impact of crayfish plague in Ireland. Hydrobiologia 234: 1-6. Reynolds, J.D. & Mathews, M.A. (1996). Conservation strategies for the Irish freshwater crayfish. In: J.D. Reynolds (ed.) The Conservation of Aquatic Systems. 151-155. Royal Irish Academy, Dublin.

## 6. SITE MANAGEMENT

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### 6.2 Management Plan(s):

An actual management plan does exist:

- ☐ Yes  
☐ No, but in preparation  
☒ No

## 7. MAP OF THE SITES

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INSPIRE ID:

IE.NPWS.PS.NATURA2000.SAC.IE0002120

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).