



# 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 IE0002137  
SITENAME Lower River Suir SAC

## TABLE OF CONTENTS

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

## 1. SITE IDENTIFICATION

<b>1.1 Type</b> B	<b>1.2 Site code</b> IE0002137	<a href="#">Back to top</a>
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### 1.3 Site name

Lower River Suir SAC

<b>1.4 First Compilation date</b> 1998-07	<b>1.5 Update date</b> 2017-09
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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>	1998-07
<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]:

[Back to top](#)

**Longitude**

-7.6348

**Latitude**

52.3975

**2.2 Area [ha]:**

7096.907072

**2.3 Marine area [%]**

15.213

**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**[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	Global
1330			142.0		M	A	C	A	B
1410			71.0		M	A	C	A	B
3260			71.0		M	C	C	B	C
6430			71.0		M	B	C	B	B
91A0			71.0		M	A	C	B	B
91E0			497.0		M	A	B	A	B
91J0			71.0		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.	G
B	A229	<a href="#">Alcedo atthis</a>			p	5	5	p		G	C	B	C	B
F	1102	<a href="#">Alosa alosa</a>			c				P	DD	D			
F	1103	<a href="#">Alosa fallax</a>			p				P	DD	C	B	B	A
B	A052	<a href="#">Anas crecca</a>			w	159	159	i	P	M	C	C	C	C
B	A050	<a href="#">Anas penelope</a>			w	26	26	i		G	C	C	C	C
B	A053	<a href="#">Anas platyrhynchos</a>			w	21	21	i		G	C	C	C	C
B	A051	<a href="#">Anas strepera</a>			w	7	19	i	P	M	B	A	C	B
B	A395	<a href="#">Anser albifrons flavirostris</a>			w	1	10	i		M	C	B	C	C
B	A043	<a href="#">Anser anser</a>			w	615	615	i		G	A	B	C	B
I	1092	<a href="#">Austropotamobius pallipes</a>			p				P	DD	C	A	C	A
B	A061	<a href="#">Aythya fuligula</a>			w	60	60	i	P	M	C	C	C	C
B	A149	<a href="#">Calidris alpina</a>			w	101	101	i	P	M	C	C	C	C
B	A038	<a href="#">Cygnus cygnus</a>			w	7	7	i		G	C	C	C	C
B	A153	<a href="#">Gallinago gallinago</a>			w	30	30	i	P	M	C	C	C	C
F	1099	<a href="#">Lampetra fluviatilis</a>			p				P	DD	C	B	C	B
F	1096	<a href="#">Lampetra planeri</a>			p				P	DD	C	B	C	B
B	A156	<a href="#">Limosa limosa</a>			w	20	20	i	P	M	C	B	C	C
M	1355	<a href="#">Lutra lutra</a>			p				P	DD	C	A	C	A
I	1029	<a href="#">Margaritifera margaritifera</a>			p				P	DD	C	B	C	C
B	A160	<a href="#">Numenius arquata</a>			w	195	195	i		G	C	C	C	C
F	1095	<a href="#">Petromyzon marinus</a>			p				P	DD	C	B	C	B
B	A017	<a href="#">Phalacrocorax carbo</a>			w	73	73	i	P	M	C	A	C	B
B	A140	<a href="#">Pluvialis apricaria</a>			w	1490	1490	i		G	C	A	C	B
F	1106	<a href="#">Salmo salar</a>			p				C	DD	C	A	C	A
B	A164	<a href="#">Tringa nebularia</a>			w	4	4	i	P	M	C	A	C	B
B	A162	<a href="#">Tringa totanus</a>			w	28	28	i	P	M	C	B	C	C



M		<a href="#">nattereri</a>						P			X			
F		<a href="#">Osmerus eperlanus</a>						P			X			
M		<a href="#">Pipistrellus pipistrellus</a>						P			X			
M		<a href="#">Pipistrellus pipistrellus</a>						P					X	
A		<a href="#">Rana temporaria</a>						P			X			
A		<a href="#">Rana temporaria</a>						P					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

[Back to top](#)

### 4.1 General site character

Habitat class	% Cover
N12	10.0
N23	1.0
N16	5.0
N08	3.0
N19	2.0
N05	1.0
N03	1.0
N09	6.0
N07	10.0
N22	1.0
N14	20.0
N06	20.0
N02	13.0
N10	5.0
N17	2.0
<b>Total Habitat Cover</b>	<b>100</b>

### Other Site Characteristics

The Suir River system flows through the counties of Tipperary, Kilkenny and Waterford. The site consists of

all of the freshwater stretches of the Suir immediately south of Thurles, the tidal stretches as far as the confluence with the Barrow/Nore immediately east of Cheekpoint in Co. Waterford, and many of the tributaries including the Clodiagh, the Lingaun, Anner, Nier, Tar, Aherlow and Multeen. Much of the system flows through Carboniferous limestone, though towards Waterford the geology changes to Old Red Sandstone and Ordovician bedrocks. The site supports a diverse range of habitats, including marsh, reedbeds, wet and dry grasslands, broad-leaved semi-natural woodlands, salt marshes, tidal rivers and estuarine channels. Substantial areas of improved grassland and arable lands are included for water quality reasons.

#### 4.2 Quality and importance

This site contains a range of Annex I habitats, including floating river vegetation, eutrophic tall herbs, alluvial forest, old oak woods, yew woods and salt meadows. The site is very important for the presence of a number of scarce and specialised Annex II animal species with particularly important populations of the fish species *Salmo salar* and *Alosa fallax fallax*. *Lutra lutra* is widespread on the system, as is *Austropotamobius pallipes*. The site supports two Annex I priority and five non-priority Annex I habitats. There are four Annex I species of birds present within the site. The rare lichen *Lobaria pulmonaria*, an ancient woodland indicator, occurs at Portlaw Oak Woods, within 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	J02.01.02		i
L	B		o
H	E03		b
L	D03.01		b
H	H01		b
H	A08		o
M	J02.01		b
H	J02.12.02		i
L	A01		i
L	I01		i
H	E01		b

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

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Project Site No. 24 - Shanbally Alluvial Woodland. Unpublished Internal Report prepared for Coillte Teo. O'Grady, K. and Caffrey, J. (1987). A fishery survey of the River Suir catchment. Central Fisheries Board, Dublin. O'Reilly, P. (1998). Trout and Salmon Rivers of Ireland: an Anglers Guide. Merlin Unwin Books, London. Quigley, D.T.G. (1996). First record of Smelt *Osmerus eperlanus* L. from the River Suir, together with a review of Irish Records. Bulletin of the Irish Biogeographical Society No. 19. Quigley, D.T.G. (1996). Status and conservation of euryhaline fish in Irish waters. Aquatic Conservation: Marine and Freshwater Ecosystems, Vol. No. 6. pp 313-318. Quigley, D.T.G. and Flannery, K. (1996). Endangered freshwater fish in Ireland, in Kirchhofer, A. and Hefti, D. (Eds), Conservation of Endangered Freshwater Fish in Europe, Birkhauser Verlag Basel, Switzerland. Reynolds, J.D. (1982). Notes on the Irish Distribution of Freshwater Crayfish. 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Unpublished report, An Foras Forbartha, Dublin.

## 5. SITE PROTECTION STATUS (optional)

### 5.1 Designation types at national and regional level:

[Back to top](#)

Code	Cover [%]	Code	Cover [%]	Code	Cover [%]
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IE01	2.0
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IE05	3.0
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## 5.2 Relation of the described site with other sites:

designated at national or regional level:

Type code	Site name	Type	Cover [%]
IE05	Coolfin Marshes	*	3.0
IE01	Fiddown Island Nature Reserve	*	2.0

## 6. SITE MANAGEMENT

### 6.2 Management Plan(s):

[Back to top](#)

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

[Back to top](#)

INSPIRE ID:

IE.NPWS.PS.NATURA2000.SAC.IE0002137

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).

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