



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 IE0002165
SITENAME Lower River Shannon SAC

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1. SITE IDENTIFICATION

1.1 Type B	1.2 Site code IE0002165	Back to top
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1.3 Site name

Lower River Shannon SAC

1.4 First Compilation date 1998-01	1.5 Update date 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

Date site proposed as SCI:	2002-01
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

2.1 Site-centre location [decimal degrees]:

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Longitude

-9.426516588

Latitude

52.583761

2.2 Area [ha]:

68329.57

2.3 Marine area [%]

87.66

2.4 Sitelength [km]:

0.0

2.5 Administrative region code and name**NUTS level 2 code****Region Name**

IE02	Southern and Eastern
IE02	Southern and Eastern
IEZZ	Extra-Regio

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	Glob
1110			1353.2786		M	B	C	B	C
1130			24385.5199		M	A	A	B	A
1140			8808.3004		M	A	A	B	A
1150			33.3752		M	A	C	B	A
1160			35288.2146		M	A	B	A	B
1170			21421.3014		M	B	C	A	C
1220			683.3		M	A	C	A	A
1230			683.3		M	A	B	A	A

B	A169	interpres		w	107	107	i		G	C	A	C	C
B	A061	Aythya fuligula		r				P	M	C	A	C	B
B	A061	Aythya fuligula		w	272	272	i		G	C	A	C	B
B	A062	Aythya marila		w	121	121	i		G	C	A	C	C
B	A046	Branta bernicla		w	246	246	i		G	C	A	C	A
B	A149	Calidris alpina		w	20100	20100	i		G	A	A	C	A
B	A149	Calidris alpina		c				P	M	A	A	C	A
B	A143	Calidris canutus		w	800	800	i		G	B	A	C	B
B	A010	Calonectris diomedea		c				P	M	D			
B	A137	Charadrius hiaticula		r				P	M	B	A	C	A
B	A137	Charadrius hiaticula		w	240	240	i		G	B	A	C	A
B	A082	Circus cyaneus		c				P	M	D			
B	A037	Cygnus columbianus bewickii		w				P	M	C	B	C	C
B	A038	Cygnus cygnus		w	201	201	i		G	C	A	C	B
B	A098	Falco columbarius		p				P	M	D			
B	A103	Falco peregrinus		p	3	3	p		G	C	A	C	B
B	A009	Fulmarus glacialis		r	66	66	p		G	C	B	C	C
B	A153	Gallinago gallinago		r				P	M	C	A	C	A
B	A153	Gallinago gallinago		w	719	719	i		G	C	A	C	A
B	A003	Gavia immer		w	3	3	i		G	D			
B	A001	Gavia stellata		c				P	M	D			
B	A251	Hirundo rustica		c				P	M	C	A	C	C
B	A251	Hirundo rustica		r				P	M	C	A	C	C
F	1099	Lampetra fluviatilis		c				P	M	C	B	C	B
F	1099	Lampetra fluviatilis		r				P	M	C	B	C	B
F	1096	Lampetra planeri		p				P	M	C	B	C	B
B	A182	Larus canus		w	366	366	i		G	C	A	C	C
B	A183	Larus fuscus		r				P	M	C	A	C	C
B	A183	Larus fuscus		w	100	100	i		G	C	A	C	C
B	A179	Larus ridibundus		w	2216	2216	i		G	C	A	C	C
B	A179	Larus ridibundus		r				P	M	C	A	C	C

B	A157	Limosa lapponica		w	476	476	i		G	B	A	C	B
B	A156	Limosa limosa		c	16400	16400	i		G	B	B	C	A
B	A156	Limosa limosa		w	1062	1062	i		G	B	B	C	A
B	A290	Locustella naevia		r	3	3	p		G	C	B	C	C
M	1355	Lutra lutra		p				P	M	C	A	C	A
I	1029	Margaritifera margaritifera		p				P	M	C	B	C	B
B	A160	Numenius arquata		w	1504	1504	i		G	C	A	C	A
B	A015	Oceanodroma leucorhoa		c				P	M	D			
F	1095	Petromyzon marinus		c				P	M	C	B	C	B
F	1095	Petromyzon marinus		r				P	M	C	B	C	B
B	A017	Phalacrocorax carbo		r	13	13	p		G	B	A	C	B
B	A017	Phalacrocorax carbo		w	321	321	i		G	B	A	C	B
B	A140	Pluvialis apricaria		w	4708	4708	i		G	B	A	C	A
B	A141	Pluvialis squatarola		w	750	750	i		G	B	A	C	A
B	A346	Pyrhcorax pyrrhcorax		p	14	41	p		G	B	A	C	A
B	A249	Riparia riparia		r				P	M	C	A	C	C
B	A249	Riparia riparia		c				P	M	C	A	C	C
B	A188	Rissa tridactyla		r	690	690	p		G	C	B	C	B
F	1106	Salmo salar		r				C	M	C	A	C	B
B	A193	Sterna hirundo		r	15	15	p		G	C	B	C	B
B	A194	Sterna paradisaea		r				P	M	D			
B	A191	Sterna sandvicensis		r	34	34	p		G	C	A	C	B
B	A048	Tadorna tadorna		w	1060	1060	i		G	B	A	C	A
B	A048	Tadorna tadorna		r				P	M	B	A	C	A
B	A164	Tringa nebularia		w	36	36	i		G	B	A	C	A
B	A164	Tringa nebularia		c				P	M	B	A	C	A
B	A162	Tringa totanus		r				P	M	B	A	C	A
B	A162	Tringa totanus		w	3228	3228	i		G	B	A	C	A
M	1349	Tursiops truncatus		p	128	152	i		G	C	B	C	A

B	A199	Uria aalge			r	4010	4010	i		G	B	B	C	A
B	A142	Vanellus vanellus			w	24581	24581	i		G	B	A	C	A
B	A142	Vanellus vanellus			r				P	M	B	A	C	A

- **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		Agrostemma githago						P			X			
I		Archidistoma aggregatum						C						X
P		Atropa belladonna						P						X
P		Chara canescens						P			X			
P		Chara cf. connivens						P			X			
F		Coregonus autumnalis pollan						P			X			
I		Diazona violacea						C						X
P		Eleocharis parvula									X			
P		Groenlandia densa						P			X			
P		Hordeum secalinum						P			X			
P		Leucojum aestivum						P						X
P		Limonium recurvum ssp. Pseudotranswallianum						P				X		
P		Mentha pulegium						P			X			
F		Osmerus eperlanus						P			X			
I		Paracentrotus lividus						C						X
P		Rumex maritimus						P			X			
P		Scirpus triquetar						P			X			
I		Thymosia guernei						C						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
N04	1.0
N07	1.0
N09	1.0
N14	3.0
N03	2.0
N10	2.0
N08	2.0
N05	1.0
N02	44.0
N06	2.0
N20	1.0
N01	39.0
N16	1.0
Total Habitat Cover	100

Other Site Characteristics

A very large, long site approximately 14 km wide and 120 km long, encompassing: the drained river valley which forms the River Shannon estuary; the broader River Fergus estuary, plus a number of smaller estuaries e.g. Poulnasherry Bay; the freshwater lower reaches of the Shannon River, between Killaloe and Limerick, plus the freshwater stretches of much of the Feale and Mulkear catchments; a marine area at the mouth of the Shannon estuary with high rocky cliffs to the north and south; ericaceous heath on Kerry Head and Loop Head; and several lagoons. The underlying geology ranges from Carboniferous limestone (east of Foynes) to Namurian shales and flagstones (west of Foynes) to Old Red Sandstone (at Kerry Head). The salinity of the system varies daily with the ebb and flood of the tide and with annual rainfall fluctuations seasonally.

4.2 Quality and importance

The site contains many Annexed habitats, including the most extensive area of estuarine habitat in Ireland. A good range of Annexed species are also present, including the only known resident population of *Tursiops truncatus* in Ireland, all three Irish species of lamprey, and a good population of *Salmo salar*. A number of birds listed on the EU Birds Directive either winter or breed in the site. The site is internationally important for waterfowl with more than 50,000 individuals occurring in winter. Several species listed in the Irish Red Data Book are present, perhaps most notably the only known Irish populations of *Scirpus triquetus*.

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	J02.10		i
L	G01.01		i
L	D01.01		i
M	E03		o
L	B		i
M	E02		o
L	J02.12.01		i
L	F01		i
L	C01.01.02		i
M	A08		o
M	A08		i
M	E01		o
M	A04		i
M	J02.01.01		i
L	B		o
M	J02.01.02		o
M	E03		i
L	D03.02		i
M	K02.03		o
L	I01		i
M	H04		o
L	F02.03		i
L	C01.03.01		i
L	F03.01		i
L	D04.01		o

Positive Impacts			
Rank	Activities, management [code]	Pollution (optional) [code]	inside/outside [i o b]
L	F01		i
L	D01.01		i
L	F02.03		i
L	G01.01		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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5. SITE PROTECTION STATUS (optional)

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5.1 Designation types at national and regional level:

Code	Cover [%]	Code	Cover [%]	Code	Cover [%]
IE05	1.0				

5.2 Relation of the described site with other sites:

designated at national or regional level:

Type code	Site name	Type	Cover [%]
IE05	Islandavanna	+	1.0
IE05	City of Limerick (part)	*	1.0

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

No

7. MAP OF THE SITES

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INSPIRE ID:

IE.NPWS.PS.NATURA2000.SAC.IE0002165

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).