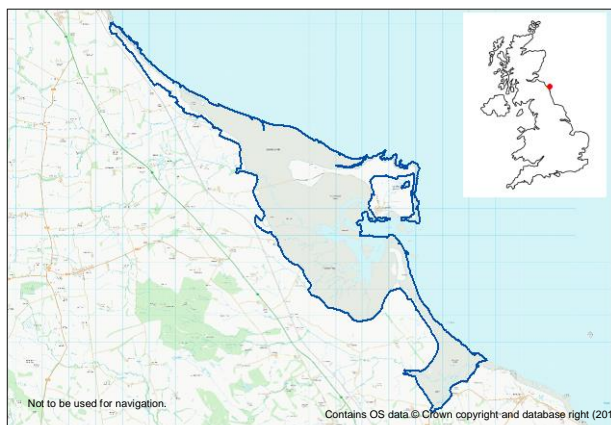


# Lindisfarne SPA

## Description:

Lindisfarne Special Protection Area (SPA) is part of the Berwickshire & North Northumberland Coast European Marine Site. As well as the island of Lindisfarne (Holy Island), the SPA includes extensive mudflats south of Holy Island and at Budle Bay. The area comprises a range of coastal habitats, including rocky shore, sand dunes, saltmarsh and intertidal sandflats and mudflats with extensive beds of eelgrass (*Zostera* spp.), an important food source for wintering birds. The site supports internationally important numbers of wintering waterbirds on the flats and saltmarsh.



## Qualifying Features:

Lindisfarne supports breeding little tern (*Sternula albifrons*) and roseate tern (*Sterna dougallii*). The non-breeding SPA features are: bar-tailed godwit (*Limosa lapponica*), light-bellied brent goose (*Branta bernicla hrota*), common scoter (*Melanitta nigra*), dunlin (*Calidris alpina*), eider (*Somateria mollissima*), golden plover (*Pluvialis apricaria*), grey plover (*Pluvialis squatarola*), greylag goose (*Anser anser*), long-tailed duck (*Clangula hyemalis*), red-breasted merganser (*Mergus serrator*), redshank (*Tringa totanus*), ringed plover (*Charadrius hiaticula*), sanderling (*Calidris alba*), shelduck (*Tadorna tadorna*), whooper swan (*Cygnus cygnus*), and wigeon (*Anas penelope*).

## Management:

- [Lindisfarne National Nature Reserve \(NNR\)](#) information guide.
- Lindisfarne NNR has [byelaws](#) restricting boat use in Budle Bay to specific zones to protect seagrass beds (part of the mudflat interest feature) and wintering waterfowl (part of the overlapping SPA feature).

## Stakeholder Concerns:

Drone use and wildlife watching from the shore have been seen to disturb wildfowl from high tide roosts.

Bait collectors also cause disturbance to birds from head torch lights and their general presence in the intertidal area.

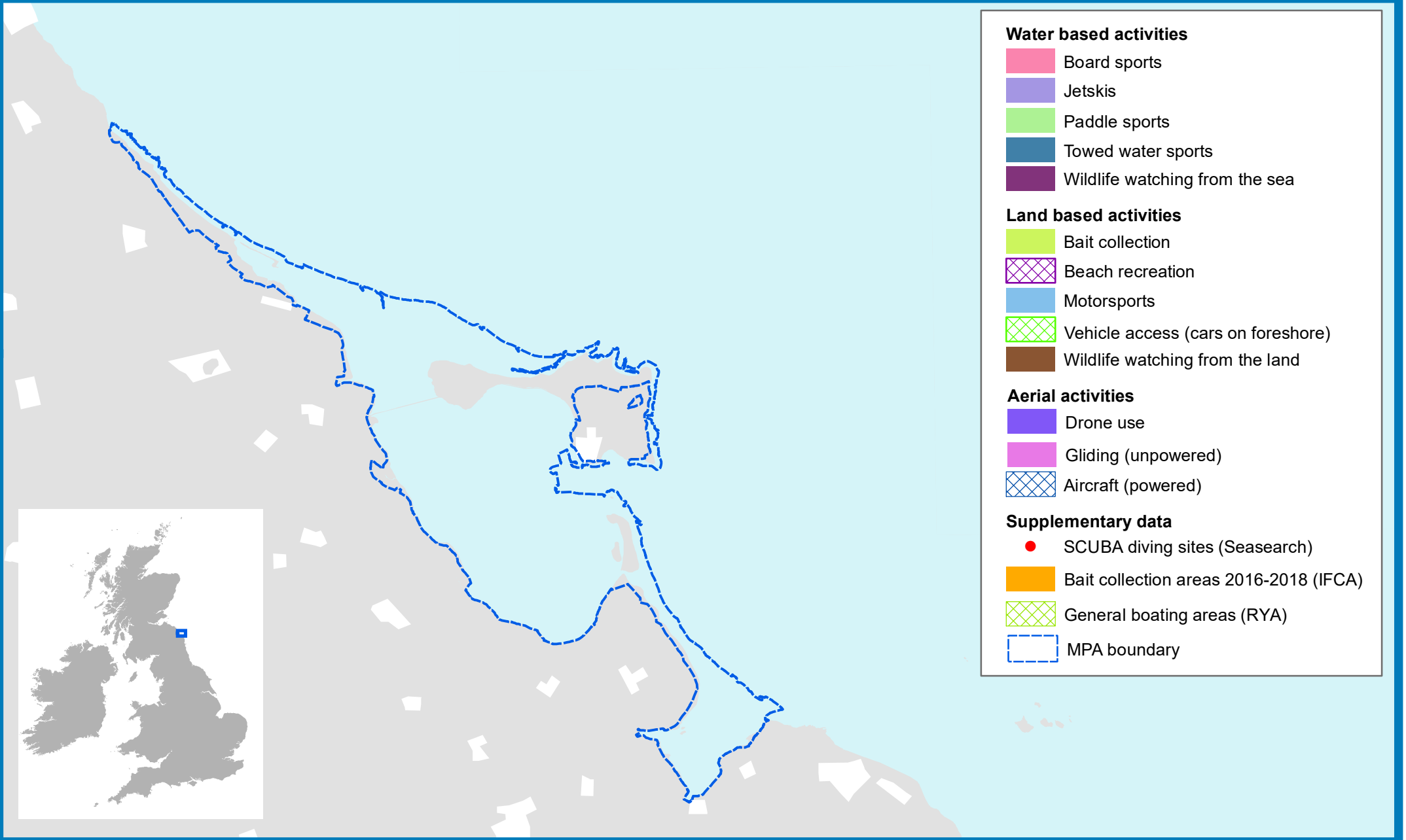
MPA: Lindisfarne SPA				No. Stakeholders: 2 online & 5 workshop			
Activity	Frequency	Duration	Participation	Intensity	Confidence	MPA Extent	Trend
Board sports	2	2	3	12	H	1	↑
Geophysical surveys	0	0	0	0	?	0	?
Motor boating	2	1	2	4	H	1	→
Jetskis	2	1	1	2	H	1	→
Paddle sports	1	2	1	2	H	1	→
Parascending	0	0	0	0	H	0	?
Sailing (non-motorised)	2	2	1	4	H	1	→
SCUBA diving	0	0	0	0	M	0	?
Swimming / Snorkelling	2	1	2	4	M	1	↑
Towed water sports	1	1	1	1	H	1	↑
Wildlife watching from the sea	2	1	1	2	H	1	↑
Bait collection	3	3	2	18	H	1	↑
Beach recreation	4	2	6	48	H	1	↑
Coasteering	0	0	0	0	M	0	↑
Land boarding	0	0	0	0	M	0	↑
Motorsports (quad bikes, motorbikes)	2	2	2	8	M	1	↑
Vehicle access (cars on foreshore)	4	2	4	32	H	1	↑
Wildlife watching from the land	4	3	6	72	H	1	↑
Drone use	3	2	1	6	H	1	↑
Gliding (unpowered)	0	0	0	0	H	0	?
Aircraft (powered)	3	1	1	3	M	2	↑

KEY

FREQUENCY	DURATION	PARTICIPATION	INTENSITY	CONFIDENCE	EXTENT	TREND
4 Regular/daily	4 >8 hours	6 >100	45-96 High	H High	2 Whole MPA (solid)	↑ Increase
3 Regular/weekends	3 4-8 hours	5 51-100	24-40 Med-high	M Medium	1 Part of MPA (shaded)	→ Stay the same
2 Seasonally	2 2-4 hours	4 21-50	9-20 Low-med	L Low	0 Does not occur	↓ Decrease
1 Sporadically	1 <2 hours	3 11-20	1-8 Low	? Data missing	? Data missing	? Data missing
0 Does not occur	0 Does not occur	2 6-10	0 Does not occur			
? Data missing	? Data missing	1 1-5	? Data missing			
		0 Does not occur				
		? Data missing				








# Non-licensable activities which occur in and around the Lindisfarne SPA



## Marine Protected Area Designated Features - SPA Supporting Habitats






### Mudflats and sandflats not covered by seawater at low tide (H1140) polygons

#### SPA\_SFCODE

-  Intertidal coarse sediment (A2.1)
-  Intertidal sand and muddy sand (A2.2)
-  Intertidal mud (A2.3)
-  Intertidal mixed sediments (A2.4)
-  Intertidal seagrass beds (A2.61)








### Sandbanks which are slightly covered by sea water all the time (H1110) polygons

#### SPA\_SFCODE

-  Subtidal coarse sediment (A5.1)
-  Subtidal sand (A5.2)
-  Subtidal mud (A5.3)
-  Subtidal mixed sediment (A5.4)
-  Subtidal seagrass beds (A5.53)








### Reefs (H1170) points

#### SPA\_SFCODE

-  Intertidal rock (A1)
-  Intertidal biogenic reefs: (*Sabellaria alveolata*) (A2.71)
-  Intertidal biogenic reefs: mussel beds (SF\_SH\_5)
-  Infralittoral rock (A3)
-  Circalittoral rock (A4)
-  Subtidal biogenic reefs: (*Sabellaria spp.*) (A5.61)
-  Subtidal biogenic reefs: mussel beds (SF\_SH\_6)

### Reefs (H1170) polygons

#### SPA\_SFCODE

-  Intertidal rock (A1)
-  Intertidal biogenic reefs: (*Sabellaria alveolata*) (A2.71)
-  Intertidal biogenic reefs: mussel beds (SF\_SH\_5)
-  Infralittoral rock (A3)
-  Circalittoral rock (A4)
-  Subtidal biogenic reefs: (*Sabellaria spp.*) (A5.61)
-  Subtidal biogenic reefs: mussel beds (SF\_SH\_6)

#### SPA\_SFCODE

-  Saltmarsh (A2.5)