

Information Sheet on Ramsar Wetlands (RIS) – 2009-2012 version

Available for download from http://www.ramsar.org/ris/key_ris_index.htm.

Categories approved by Recommendation 4.7 (1990), as amended by Resolution VIII.13 of the 8th Conference of the Contracting Parties (2002) and Resolutions IX.1 Annex B, IX.6, IX.21 and IX.22 of the 9th Conference of the Contracting Parties (2005).

Notes for compilers:

1. The RIS should be completed in accordance with the attached *Explanatory Notes and Guidelines for completing the Information Sheet on Ramsar Wetlands*. Compilers are strongly advised to read this guidance before filling in the RIS.
2. Further information and guidance in support of Ramsar site designations are provided in the *Strategic Framework for the future development of the List of Wetlands of International Importance* (Ramsar Wise Use Handbook 7, 2nd edition, as amended by COP9 Resolution IX.1 Annex B). A 3rd edition of the Handbook, incorporating these amendments, is in preparation and will be available in 2006.
3. Once completed, the RIS (and accompanying map(s)) should be submitted to the Ramsar Secretariat. Compilers should provide an electronic (MS Word) copy of the RIS and, where possible, digital copies of all maps.

1. Name and address of the compiler of this form:

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Designation date

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Site Reference Number

2. Date this sheet was completed/updated:

August 2012

3. Country:

Norway

4. Name of the Ramsar site:

Harøya Wetlands System: Lomstjønna
(International No. 806, National No. 19)

5. Designation of new Ramsar site or update of existing site:

This RIS is for (tick one box only):

- a) Designation of a new Ramsar site ☐; or
b) Updated information on an existing Ramsar site ☒

6. For RIS updates only, changes to the site since its designation or earlier update:

a) Site boundary and area

The Ramsar site boundary and site area are unchanged: ☒

or

If the site boundary has changed:

- i) the boundary has been delineated more accurately ☐; or
i) the boundary has been extended ☐; or

iii) the boundary has been restricted** ☐

and/or

If the site area has changed:

i) the area has been measured more accurately ☐; or

ii) the area has been extended ☐; or

iii) the area has been reduced** ☐

** Important note: If the boundary and/or area of the designated site is being restricted/reduced, the Contracting Party should have followed the procedures established by the Conference of the Parties in the Annex to COP9 Resolution IX.6 and provided a report in line with paragraph 28 of that Annex, prior to the submission of an updated RIS.

b) Describe briefly any major changes to the ecological character of the Ramsar site, including in the application of the Criteria, since the previous RIS for the site:

Before the Nature reserve and the Ramsar site was established there was planted coniferus in the site. These trees had probably a negative effect on the birdlife population. In the period 2010-2012 most of the coniferus is cut down.

7. Map of site:

Refer to Annex III of the *Explanatory Note and Guidelines*, for detailed guidance on provision of suitable maps, including digital maps.

a) A map of the site, with clearly delineated boundaries, is included as:

i) a hard copy (required for inclusion of site in the Ramsar List): ☒;

ii) an electronic format (e.g. a JPEG or ArcView image) ☒;

iii) a GIS file providing geo-referenced site boundary vectors and attribute tables ☐;

b) Describe briefly the type of boundary delineation applied:

e.g. the boundary is the same as an existing protected area (nature reserve, national park etc.), or follows a catchment boundary, or follows a geopolitical boundary such as a local government jurisdiction, follows physical boundaries such as roads, follows the shoreline of a waterbody, etc.

The boundary is the same as for the Lomstjønna Nature Reserve

8. Geographical coordinates (latitude/longitude):

62° 44'N 06° 28'E

9. General location:

Include in which part of the country and which large administrative region(s), and the location of the nearest large town.

Lomstjønna is situated on the island of Harøya in Sandøy municipality in the county of Møre og Romsdal, about 35 km north-west of Ålesund and 35 km west of Molde.

10. Elevation: (average and/or max. & min.)

13 – 32 m.a.s.l.

11. Area: (in hectares)

10,5 ha

12. General overview of the site:

Provide a short paragraph giving a summary description of the principal ecological characteristics and importance of the wetland.

Lomstjønna nature reserve is a rather flat area mainly comprised of rainwater bog and a poor little mire. There is a small mirepool and several smaller pools within the reserve. The area is botanically poor, although some waterbirds nest here. This was formerly an important nesting site, which was used by several regionally rare species, although both the numbers and diversity have become depleted probably as the result of planting of conifers as shelter belts.

13. Ramsar Criteria:

Circle or underline each Criterion applied to the designation of the Ramsar site. See Annex II of the *Explanatory Notes and Guidelines* for the Criteria and guidelines for their application (adopted by Resolution VII.11).

1 • 2 • 3 • 4 • 5 • 6 • 7 • 8

14. Justification for the application of each Criterion listed in 13. above:

Provide justification for each Criterion in turn, clearly identifying to which Criterion the justification applies (see Annex II for guidance on acceptable forms of justification).

Criterion 1. The area is representative for rainwater mires in lowlands in the region (though it has been negatively affected by conifer planting, drainage etc. These kinds of mires in the lowland have become rare and threatened as they have been used for agriculture purposes. Lomstjønna is a part of the Harøya wetland system and is an important supplement to the other sub-sites in the system.

15. Biogeography (required when Criteria 1 and/or 3 and /or certain applications of Criterion 2 are applied to the designation):

Name the relevant biogeographic region that includes the Ramsar site, and identify the biogeographic regionalisation system that has been applied.

a) biogeographic region:

1. Southern boreal vegetation zone, highly oceanic section (Sb – O3).
2. Atlantic

b) biogeographic regionalisation scheme (include reference citation):

1. Zonal division showing the variation in vegetation from south to north and from the lowlands to the mountains, and sectional graduation showing the variation between the coast and inland (In: Moen, A. 1998. Nasjonalatlas for Norge; vegetasjon. Statens kartverk, Hønefoss).
2. EU Habitat directive 92/43/EEC

16. Physical features of the site:

Describe, as appropriate, the geology, geomorphology; origins - natural or artificial; hydrology; soil type; water quality; water depth, water permanence; fluctuations in water level; tidal variations; downstream area; general climate, etc.

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|----------------------------|---|
| Geology | The bedrock is composed of autochthonous or almost autochthonous gneiss from primitive times, deformed and metamorphosed during the Caledonian mountain chain folding. Quartergeologically one finds peat and mire. |
| Geomorphology | Flat mire landscape in an area of flat coastal land formed by rising landmass. |
| Substrate / soil type | Probably thick peat over the whole site. |
| Water quality | Very humus-rich water in all pools. |
| Water depth / fluctuations | Water depth is unknown. The second southernmost pool appears to have been drained, and subject to variations in water levels. |
| Climate | The site has a highly oceanic climate with mild winters and relatively cool summers. Annual precipitation is 1000 – 1500 mm. |

17. Physical features of the catchment area:

Describe the surface area, general geology and geomorphological features, general soil types, general land use, and climate (including climate type).

The site is in the middle of Harøya, and is part of a larger area of mires, probably Atlantic raised bog. The substrate is probably entirely peat. There are spread buildings and some farmland in the west, and some cultivation in the north.

18. Hydrological values:

Describe the functions and values of the wetland in groundwater recharge, flood control, sediment trapping, shoreline stabilization, etc.

One of the pools is linked to a little pipeline and presumably functions as a reserve water supply for farmland in the west.

19. Wetland Types

a) presence:

Circle or underline the applicable codes for the wetland types of the Ramsar "Classification System for Wetland Type" present in the Ramsar site. Descriptions of each wetland type code are provided in Annex I of the *Explanatory Notes & Guidelines*.

Marine/coastal: A • B • C • D • E • F • G • H • I • J • K • Zk(a)

Inland: L • M • N • O • P • Q • R • Sp • Ss • Tp • Ts • U • Va •
Vt • W • Xf • Xp • Y • Zg • Zk(b)

Human-made: 1 • 2 • 3 • 4 • 5 • 6 • 7 • 8 • 9 • Zk(c)

b) dominance:

List the wetland types identified in a) above in order of their dominance (by area) in the Ramsar site, starting with the wetland type with the largest area.

U

20. General ecological features:

Provide further description, as appropriate, of the main habitats, vegetation types, plant and animal communities present in the Ramsar site.

The whole nature reserve consists of mire with a few pools, which are of importance for ducks, waders and gulls. The mire appears to be ombrotrophic, with some floating plants in one pool and some bog vegetation in sheltered bays at a couple of other pools. All the pools show signs of being influenced by humus.

21. Noteworthy flora:

Provide additional information on particular species and why they are noteworthy (expanding as necessary on information provided in 12. Justification for the application of the Criteria) indicating, e.g., which species/communities are unique, rare, endangered or biogeographically important, etc. *Do not include here taxonomic lists of species present – these may be supplied as supplementary information to the RIS.*

No noteworthy species are known.

22. Noteworthy fauna:

Provide additional information on particular species and why they are noteworthy (expanding as necessary on information provided in 12. Justification for the application of the Criteria) indicating, e.g., which species/communities are unique, rare, endangered or biogeographically important, etc., including count data. *Do not include here taxonomic lists of species present – these may be supplied as supplementary information to the RIS.*

The greatest interest is the former occurrence of the subspecies of dunlin *Calidris alpina schinzii*, but which probably no longer occurs in the area. Other regionally rare upland species which have nested include Red-necked Phalarope *Phalaropus lobatus* and Lapland Longspur *Calcarius lapponicus*, although these species have also disappeared, probably due to conifer planting. Previously there was a large gull colony *Larus spp.*,

but recent counts reveal that numbers have declined. The site is still important for breeding Greylag Geese *Anser anser*.

23. Social and cultural values:

a) Describe if the site has any general social and/or cultural values e.g., fisheries production, forestry, religious importance, archaeological sites, social relations with the wetland, etc. Distinguish between historical/archaeological/religious significance and current socio-economic values:

No

b) Is the site considered of international importance for holding, in addition to relevant ecological values, examples of significant cultural values, whether material or non-material, linked to its origin, conservation and/or ecological functioning?

If Yes, tick the box ☐ and describe this importance under one or more of the following categories:

- i) sites which provide a model of wetland wise use, demonstrating the application of traditional knowledge and methods of management and use that maintain the ecological character of the wetland:
- ii) sites which have exceptional cultural traditions or records of former civilizations that have influenced the ecological character of the wetland:
- iii) sites where the ecological character of the wetland depends on the interaction with local communities or indigenous peoples:
- iv) sites where relevant non-material values such as sacred sites are present and their existence is strongly linked with the maintenance of the ecological character of the wetland:

24. Land tenure/ownership:

(a) within the Ramsar site: Private

(b) in the surrounding area: Private

25. Current land (including water) use:

(a) within the Ramsar site: Not used.

(b) in the surroundings/catchment:

There is cultivated farmland up to the reserve boundary in the north and north-west. Otherwise there are some scattered dwellings west of the site.

26. Factors (past, present or potential) adversely affecting the site's ecological character, including changes in land (including water) use and development projects:

(a) within the Ramsar site:

One of the pools, the second most southern one, seems to have been affected by farming and is subject to fluctuations.

(b) in the surrounding area:

There is a tractor track and ditches along the farmland by the reserve boundary in the north. This may affect the area by leading to a drying out of the mire edge.

27. Conservation measures taken:

a) List national and/or international category and legal status of protected areas, including boundary relationships with the Ramsar site:

In particular, if the site is partly or wholly a World Heritage Site and/or a UNESCO Biosphere Reserve, please give the names of the site under these designations.

Harøya Wetland System was protected on 27th May 1988, when Lomstjønnå received nature reserve status.

b) If appropriate, list the IUCN (1994) protected areas category/ies which apply to the site (tick the box or boxes as appropriate):

Ia ☒; Ib ☐; II ☐; III ☐; IV ☐; V ☐; VI ☐

c) Does an officially approved management plan exist; and is it being implemented?:

Yes

d) Describe any other current management practices:

28. Conservation measures proposed but not yet implemented:

e.g. management plan in preparation; official proposal as a legally protected area, etc.

A management plan is being developed by the management authority.

29. Current scientific research and facilities:

e.g., details of current research projects, including biodiversity monitoring; existence of a field research station, etc.

None

30. Current communications, education and public awareness (CEPA) activities related to or benefiting the site:

e.g. visitors' centre, observation hides and nature trails, information booklets, facilities for school visits, etc.

An information booklet is produced by the management authorities, comprising all the Ramsar sites in Møre and Romsdal county.

31. Current recreation and tourism:

State if the wetland is used for recreation/tourism; indicate type(s) and their frequency/intensity.

None

32. Jurisdiction:

Include territorial, e.g. state/region, and functional/sectoral, e.g. Dept of Agriculture/Dept. of Environment, etc.

Norwegian Directorate for Nature Management (DN), Tungasletta 2, 7485 Trondheim

Ph +47 73580500

Fax +47 73580501

Email: postmottak@dirnat.no

33. Management authority:

Provide the name and address of the local office(s) of the agency(ies) or organisation(s) directly responsible for managing the wetland. Wherever possible provide also the title and/or name of the person or persons in this office with responsibility for the wetland.

The site is managed by the County Governor of Møre og Romsdal, which is under the instruction of DN.

Address: County Governor of Møre og Romsdal, Fylkeshusa, 6404 Molde, Norway. Phone: +47

71258443. E-mail: postmottak@fmmr.no

34. Bibliographical references:

scientific/technical references only. If biogeographic regionalisation scheme applied (see 13 above), list full reference citation for the scheme.

Botanical and management plans:

Jordal, J. B. 2005. Kartlegging av naturtyper i Sandøy kommune. Ressurssenteret i Tingvoll, rapport nr. 1-2005. 73 s. (In Norwegian – on mapping of vegetation types in Sandøy municipality).

Birds:

Folkestad, A. O. 1978. Fylkesvis oversikt over ornitologisk viktige våtmarksområder i Norge. Møre og Romsdal. Miljøverndepartementet juni 1978. (In Norwegian – on important wetlands in Møre og Romsdal).

Fylkesmannen i Møre og Romsdal, Miljøvernavdelinga, 1982. Utkast til verneplan for våtmarksområde i Møre og Romsdal. Fylkesmannen i Møre og Romsdal, Miljøvernavdelinga. 224 s. (In Norwegian – Draft management plan for wetlands in Møre og Romsdal).

Please return to: **Ramsar Convention Bureau, Rue Mauverney 28, CH-1196 Gland, Switzerland**
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