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Marine Licence Application for Discharge of Treatment Agents from a Wellboat

Version 1.0

Marine (Scotland) Act 2010

Marine Scotland, 375 Victoria Road, Aberdeen, AB11 9DB
http://www.gov.scot/Topics/marine/Licensing/marine

Acronyms

Please note the following acronyms referred to in this application form:

BPEO	Best Practicable Environmental Option
CAR	Controlled Activities Regulations
MHWS	Mean High Water Springs
MPA	Marine Protected Area
MS-LOT	Marine Scotland – Licensing Operations Team
SAC	Special Area of Conservation
SEPA	Scottish Environment Protection Agency
SNH	Scottish Natural Heritage
SPA	Special Protection Area
SSSI	Site of Special Scientific Interest
WGS84	World Geodetic System 1984

Explanatory Notes

The following numbered paragraphs correspond to the questions on the application form and are intended to assist in completing the form. These explanatory notes are specific to this application and so you are advised to read these in conjunction with the Marine Scotland Guidance for Marine Licence Applicants document.

1. Applicant Details

The person making the application who will be named as the licensee.

2. Agent Details

Any person acting under contract (or other agreement) on behalf of any party listed as the applicant and having responsibility for the control, management or physical deposit or removal of any substance(s) or object(s).

3. Payment

Indicate payment method. Cheques must be made payable to: The Scottish Government.

Marine licence applications will not be accepted unless accompanied by a cheque for the correct application fee, or if an invoice is requested, until that invoice is settled. Target timelines for determining applications do not begin until the application fee is paid.

4. Application Type

Indicate if the application is for a new wellboat discharge site or an existing wellboat discharge site. Provide the existing or previous consent/licence number and expiry date if applicable.

5. Marine Farm

Indicate if you have a consent/licence for the marine farm where proposed treatment agent discharge is to take place and provide the consent/licence number and expiry date for the marine farm.

Marine licence applications for discharge of treatment agents from a wellboat will not be determined without a valid marine licence for the marine farm.

6. Wellboat Discharge Details

(a) Give a brief description of the discharge including rationale for discharge.

(b) Provide the proposed start date of the project. The start date will not be backdated, since to commence a project for which a licence has not been obtained will constitute an offence, which may result in appropriate legal action. A licence is normally valid for the duration of the project but not exceeding 3 years. If a project will not be completed before a marine licence lapses, it will be necessary for licence holders to re-apply for a further licence to continue any ongoing work at least 14 weeks prior to the expiry date of the licence. **Target duration for determination of a marine licence application is 14 weeks.**

(c) Provide the proposed completion date of the project.

(d) Describe the location of the proposed works. Include a list of the latitude and longitude co-ordinates (WGS84) of the site where discharge will take place. WGS84 is the World Geodetic System 1984 and the reference co-ordinate system used for marine licence applications. Co-ordinates taken from GPS equipment should be set to WGS84. Coordinates taken from recent admiralty charts will be on a WGS84 compatible datum. Ordnance survey maps do not use WGS84.

Example: For positions read from charts the format should be as in the example: 55°55.555'N 002°22.222'W (WGS84). The decimal point specifies that decimals of minutes are used and the datum is stated explicitly. If seconds are used then the format should be as in the example: 55°55'44''N 2°22'11''W (WGS84).

It is important that the correct positions, in the correct format, are included with this application, as any errors will result in the application being refused or delayed.

To supplement your application, please provide a suitably scaled extract of an Ordnance Survey Map (1:2,500 scale but not more than 1:10,000) or Admiralty Chart which must be marked to indicate:

- the discharge site and associated marine farm;
- latitude and longitude co-ordinates defining the location of the works;
- the level of MHWS;
- any adjacent SAC, SPA, SSSI, MPA, Ramsar or similar conservation area boundary.

Drawings and plans will be consulted upon. If they are subject to copyright, **it is the responsibility of the applicant to obtain necessary approvals to reproduce the documents and to submit suitably annotated copies with the application.**

(e) Provide details of the water depth at the discharge site in metres and the distance of the discharge site from land in metres or kilometres.

(f) Indicate if the discharge site is located within the jurisdiction of a statutory harbour authority and provide details of the statutory harbour authority where relevant.

(g) Provide assessment of the potential impacts the works may have, including interference with other uses of the sea. Please include details of areas of concern e.g designated conservation areas, such as a SAC, SPA, SSSI, MPA or Ramsar site and shellfish harvesting areas. Further guidance on designated conservation areas can be obtained from SNH at this website: http://gateway.snh.gov.uk/sitelink/index.jsp and guidance on shellfish harvesting areas can be obtained from http://www.foodstandards.gov.scot/ with regards to the Shellfish Waters Directive (2006/113/EC) which has parameters set to protect the water quality in which edible shellfish are grown.

Where there are potential impacts from the works, please provide details of proposed mitigation in response to potential impacts.

7. Details of Treatment Agent(s) to be Discharged

Provide the proprietary name(s) of all treatment agents (e.g. Excis), the chemical name(s) or other relevant description(s) of all chemicals (e.g. Cypermethrin) and provide all appropriate Material Safety Data Sheets.

Under section 27(2) of the Marine (Scotland) Act 2010, the licensing authority has an obligation to consider the availability of practical alternatives when considering applications involving disposal of substance(s) or object(s) at sea. All applications for sea disposal must be supported by a detailed assessment of the alternative options - BPEO assessment. This must include a statement setting out the reasons why deposit of the substance(s) or object(s) at sea is the preferred option and applications will not be considered unless they are accompanied by such an assessment. All options in the BPEO must be explored fully (as per the guidance documents) otherwise your form and BPEO are liable to be returned to you, thereby delaying processing of the application.

8. Details of Discharge

For each treatment agent deposit listed in section 7 provide the date of discharge (wherever possible approximate date of discharge must be provided); duration of discharge in minutes (the estimated duration that the treatment agents being discharged are likely to be detectable/active in the water column); weight/volume of the treatment agent in grams/cubic metres (the discharge dose of each agent, including post treatment if required); and the total volume of the treatment agent (the total volume to be discharged from each vessel and also the number of wells in each vessel to be used during the procedure).

9. Details of Discharge Procedure

For each treatment agent deposit listd in section 7 provide the method of deposit (e.g gravity, discharge pump); the mode of deposit (e.g through a pipeline, valve, diffuser, bucket); the depth of deposit (e.g sea surface, subsurface with depth in metres); and the rate of deposit (e.g discharge rate – litres or m^3 per second, minute or hour. This must be given for each well).

10. Details of Vessel(s) Undertaking Discharge

Provide the name and call sign, if appropriate, of each of the vessels involved in the procedure. It is understood that vessel availability issues often lead to changes over small time scales to vessel choice. Please be as exhaustive as possible in the list of vessels that may be used to reduce the need for further administrative changes and continue on a separate sheet if necessary.

11. Scotland's National Marine Plan

Scotland's National Marine Plan has been prepared in accordance with the EU Directive 2014/89/EU, which came into force in July 2014. The Directive introduces a framework for maritime spatial planning and aims to promote the sustainable development of marine areas and the sustainable use of marine resources. It also sets out a number of minimum requirements all of which have been addressed in this plan. In doing so, and in accordance with article 5(3) of the Directive, Marine Scotland have considered a wide range of sectoral uses and activities and have determined how these different objectives are reflected and weighted in the marine plan. Land-sea interactions have also been taken into account as part of the marine planning process. Any applicant for a marine licence should consider their proposals with reference to Scotland's National Marine Plan. A copy of Scotland's National Marine Plan can be found at: http://www.gov.scot/Publications/2015/03/6517/0

Indicate whether you have considered the wellboat discharge with reference to Scotland's National Marine Plan and provide details of considerations made including reference to the policies that have been considered. If you have not considered the project with reference to Scotland's National Marine Plan please provide an explanation.

12. Consultation

Provide details of all bodies consulted and give details of any consents issued including date of issue.

13. Associated Works

Indicate whether the application is associated with any other marine projects (e.g. marine farm installation etc). If this is the case, provide reference/licence number for the related marine projects.

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It is the responsibility of the applicant to obtain any other consents or authorisations that may be required.

Under Section 54 of the Marine (Scotland) Act 2010, all information contained within and provided in support of this application will be placed on a Public Register. There are no national security grounds for application information not going on the Register under the 2010 Act

Public Register

Do you consider that any of the information contained within or provided in support of this application should not be disclosed:

(a) for reasons of national security; YES ☐ NO ☒

(b) for reasons of confidentiality of commercial or industrial information where such confidentiality is provided by law to protect a legitimate commercial interest? YES ☐ NO ☒

If **YES**, to either (a) or (b), please provide full justification as to why all or part of the information you have provided should be withheld.

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WARNING

It is an offence under the Act under which this application is made to fail to disclose information or to provide false or misleading information.

Target duration for determination is 14 weeks. Please note that missing or erroneous information in your application and complications resulting from consultation may result in the application being refused or delayed.

Marine licence applications will not be accepted unless accompanied by a cheque for the correct application fee, or if an invoice is requested, until that invoice is settled. Target timelines for determining applications do not begin until the application fee is paid.

Declaration

I declare to the best of my knowledge and belief that the information given in this form and related papers is true.

Signature Redacted

Date 30 Apr 2019

Name in BLOCK LETTERS Redacted

Application Check List

Please check that you provide all relevant information in support of your application, including but not limited to the following:

- Completed and signed application form ☑
- Maps/Charts ☑
- Co-ordinates of the boundary points of the area of harbour jurisdiction (if you are a statutory harbour authority) ☐
- BPEO Assessment ☑
- Material Data Sheets for all treatment agents applied for ☑
- A copy of the CAR licence issued from SEPA ☑
- Standard Operating Procedure providing details of the proposed procedure for discharge of all treatment agents applied for ☑
- Additional information e.g. consultation correspondence (if applicable) ☐
- Payment (if paying by cheque) ☑

1. Applicant Details

Title: - Initials: - Surname: -

Trading Title (if appropriate): MOWI SCOTLAND LIMITED

Address: First Floor, Admiralty Park, Admiralty Road,
Rosyth, Fife, KY11 2YW

Name of contact (if different): -

Telephone No. (inc. dialing code): -

Email: -

Statutory Harbour Authority? YES ☐ NO ☒

If **YES**, please provide a list of the latitude and longitude co-ordinates (WGS84) of the boundary points of the area of harbour jurisdiction using Appendix 01 Additional Co-ordinates form if necessary.

2. Agent Details (if any)

Redacted

Title

Trading Title (if appropriate): MOWI SCOTLAND LIMITED

Address: Stob Ban House, Glen Nevis Business Park,
Fort William, PH33 6RX

Name of contact (if different): -

Telephone No. (inc. dialing code):

Redacted

Email:

3. Payment

Enclosed Cheque ☒ Invoice ☐

Contact and address to send invoice to:

Applicant ☐ Agent ☒ Other ☐

If **OTHER**, please provide contact details:

Title: - Initials: - Surname: -

Address: -

Email: -

4. Application Type

Is this application for a new wellboat discharge site or an existing wellboat discharge site:

New Site ☐ Existing Site ☒

If an **EXISTING SITE**, please provide the consent/licence number and expiry date:

Consent/Licence Number	Expiry Date
Wellboat licence no.: 05984/16/0	01 June 2019

5. Marine Farm

Do you have a consent/licence for the marine farm where proposed treatment agent discharge is to take place? YES ☒ NO ☐

If **YES**, please provide the consent/licence number and expiry date:

Consent/Licence Number	Expiry Date
Marine licence no.: 04883/13/0	30 April 2020

6. Wellboat Discharge Details

(a) Brief description of the discharge including rationale for discharge:

Discharge of fish farms medicines for sea lice treatment from wellboats at Mowi Scotland Fish Farms.
Wellboat treatments are required as an alternative to in pen treatments. Wellboat treatments are initiated based on site specific circumstances such as fish health and weather conditions.

(b) Proposed start date **(Target duration for determination of a marine licence application is 14 weeks):**

ASAP

(c) Proposed completion date:

ASAP

(d) Location:

Isle of Muck, Sound of Eigg

Latitude and Longitude co-ordinates (WGS84) defining the proposed discharge point (continue on Appendix 01 Additional Co-ordinates form if necessary):

Latitude											**Longitude**										
5	6	°	5	0	.	6	2		' N		0	0	6	°	1	2	.	6	9		' W
		°			.				' N					°			.				' W
		°			.				' N					°			.				' W
		°			.				' N					°			.				' W

(e) Water depth and distance from land:

Water Depth (metres)	**Distance from Land** (metres/kilometres)
40m	0.5km

(f) Is the discharge site located within the jurisdiction of a statutory harbour authority?

YES ☐ NO ■

If **YES**, please specify statutory harbour authority:

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(g) Potential impacts the works may have (including details of areas of concern e.g designated conservation and shellfish harvesting areas) and proposed mitigation in response to potential impacts (continue on separate sheet if necessary):

Discharges from wellboats will be within values stipulated by the SEPA CAR Licensing process. This involves modelling to ensure that the discharges will remain within EQS values and will therefore have an insignificant impact on the environment.

7. Details of Treatment Agent(s) to be Discharged (Please provide Material Safety Data Sheets for each chemical to be discharged).

Proprietary Name of Treatment Agent(s)	**Chemical Name of Treatment Agent(s)**
Exc s	Cypermethr n
AMX	De tamethr n
Sa mosan/Sa mosan Vet/Azasure	Azameth phos
Hydrogen Perox de	Hydrogen Perox de

8. Details of Discharge (Please provide details for each of the deposits listed in Section 7 above):

Deposit	**Date of Discharge** (approx.)	**Duration of Discharge** (minutes)	**Weight/Volume of Agent** (grams/cubic metres)	**Total Volume** (including solvent) (cubic metres)
1	As required under veterinary direction	Average time to deposit full volume of water from vessel	Azamethiphos 603.2g/3hrs	1800m3
2	As required under veterinary direction	Average time to deposit full volume of water from vessel	Azamethiphos 859.6g/24hrs	1800m3
3	As required under veterinary direction	Average time to deposit full volume of water from vessel	Cypermethrin 109.2g/3hrs	1800m3
4	As required under veterinary direction	Average time to deposit full volume of water from vessel	Deltamethrin 40.9g/3hrs	1800m3
5	As required under veterinary direction	Average time to deposit full volume of water from vessel	Hydrogen peroxide -under veterinary direction	1800m3

9. Details of Discharge Procedure (Please provide details for each of the deposits listed in Section 7 above):

Deposit	**Method of Deposit**	**Mode of Deposit**	**Depth of Deposit** (metres)	**Rate of Deposit** (litres or cubic metres per second/minute/hour)
1	Wellboat	Pump : Pipeline	5m Subsurface	0.66m3/secs
2	Wellboat	Pump : Pipeline	5m Subsurface	0.66m3/secs
3	Wellboat	Pump : Pipeline	5m Subsurface	0.66m3/secs
4	Wellboat	Pump : Pipeline	5m Subsurface	0.66m3/secs
5				

10. Details of Vessel(s) Undertaking Discharge (continue on a separate sheet if necessary):

Vessel Name	**Registration Details/Call Sign** (if appropriate)	**Name and Address of Operator**
Ronja Atlantic	IMO 9451563	Solvtrans, Brunholmgata 2, 6004 Alesund, Norway
Ronja Commander	IMO 9276183	Solvtrans, Brunholmgata 2, 6004 Alesund, Norway
Ronja Nordic	IMO 9443695	Solvtrans, Brunholmgata 2, 6004 Alesund, Norway

Ronja Pioneer	IMO 9345520	Solvtrans, Brunholmgata 2, 6004 Alesund, Norway
Ronja Settler	IMO 9258703	Solvtrans, Brunholmgata 2, 6004 Alesund, Norway
Ronja Superior	IMO 9421881	Solvtrans, Brunholmgata 2, 6004 Alesund, Norway
Ronja Skye	IMO 9245926	Solvtrans, Brunholmgata 2, 6004 Alesund, Norway
Ronja Viking	IMO 9364100	Solvtrans, Brunholmgata 2, 6004 Alesund, Norway
Victoria Viking	IMO 9521801	Solvtrans, Brunholmgata 2, 6004 Alesund, Norway
Inter Caledonia	IMO 9745756	Solvtrans, Brunholmgata 2, 6004 Alesund, Norway Intership (Uk) Ltd 32 Scale Lane Hull
Ronja Challanger	IMO 9765067	Solvtrans, Brunholmgata 2, 6004 Alesund, Norway

11. Scotland's National Marine Plan

Have you considered the application with reference to Scotland's National Marine Plan? YES ■ NO □

If **YES**, provide details of considerations made including reference to the policies that have been considered:

Consideration has been given to Scotland's National Marine Plan and the associated policies within.

Please see attached BPEO Assessment.

If **NO**, please provide an explanation of why you haven't considered the National Marine Plan?

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12. Consultation

List all bodies you have consulted and provide copies of correspondence:

This discharge application is derived from a SEPA CAR Licence application. A number of bodies are consulted as part of the CAR application process.

13. Associated Works

Provide details of other related marine projects, including reference/licence numbers (if applicable):

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