

# **Marine Licence Application for Discharge of Treatment Agents from a Wellboat**

Version 1.0

## **Marine (Scotland) Act 2010**

## Acronyms

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

<b>BPEO</b>	Best Practicable Environmental Option
<b>CAR</b>	Controlled Activities Regulations
<b>MHWS</b>	Mean High Water Springs
<b>MPA</b>	Marine Protected Area
<b>MS-LOT</b>	Marine Scotland – Licensing Operations Team
<b>SAC</b>	Special Area of Conservation
<b>SEPA</b>	Scottish Environment Protection Agency
<b>SNH</b>	Scottish Natural Heritage
<b>SPA</b>	Special Protection Area
<b>SSSI</b>	Site of Special Scientific Interest
<b>WGS84</b>	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 listed 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<sup>3</sup> 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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## Marine (Scotland) Act 2010

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.

## 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

05/08/2020

Name in BLOCK LETTERS

IVAN LAGOA

### 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: **Mr**                      Initials: **I**                      Surname: **Lagoa**

Trading Title (if appropriate): **Loch Duart Ltd**

Address: **Badcall Salmon House, Scourie by Lairg, Sutherland. IV27 4TH**

Name of contact (if different):

Telephone No. (inc. dialing code): **01971502451**

Email: **ivan@lochduart.com**

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)**

Title:                                      Initials:                                      Surname:

Trading Title (if appropriate):

Address: **Unit 5, Broomfield Industrial Estate, Montrose. DD10 8SY**

Name of contact (if different):

Telephone No. (inc. dialing code): **01674679017**

Email:

**3. Payment**

Enclosed Cheque                       Invoice

Contact and address to send invoice to:

Applicant                       Agent                       Other

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

Title: **Ms**                      Initials: **Penny**                      Surname: **Allan**

Address: **Unit 5, Broomfield Industrial Estate, Montrose. DD10 8SY**

Email: **Penny@lochduart.com**

**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
06332/17/0	18/05/2020

**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
04333/11/0	31/07/2018, renewal application submitted.

**6. Wellboat Discharge Details**

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

This application is for permission to utilize licensed medicinal products for the treatment of Atlantic salmon in a wellboat as part of an integrated pest management plan for the control of sea lice or amoebic gill disease. Products that may be used contain the active ingredients azamethiphos (Salmosan Vet, Salmosan), hydrogen peroxide (Paramove 50), and deltamethrin (AMX). The ability to utilize these treatments in a wellboat if required will allow optimal management of fish health and welfare in Clashnessie Bay (FHI Reg. No. FS0933).

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

When possible

(c) Proposed completion date:

3 years

(d) Location:

he discharge is proposed to take place immediately alongside marine farm equipment moored at the Torr Mor site, Clashnessie Bay, with corner coordinates as follows:



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

Latitude									Longitude													
5	8	°	1	4	.	9	1	7	'	N	0	0	5	°	1	5	.	3	4	1	'	W
		°			.				'	N				°			.				'	W
		°			.				'	N				°			.				'	W
		°			.				'	N				°			.				'	W

(e) Water depth and distance from land:

Water Depth (metres)	Distance from Land (metres/kilometres)
16.4m CD	100m (minimum distance to MLWS)

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

YES  NO

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

(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):

The proposed works involve the occasional and temporary presence of a wellboat vessel at the site and associated discharge of licensed medicinal products. Potential impacts and associated mitigation are listed below:

- Water column & benthic impacts from discharge of licensed medicines: An assessment of environmental safety for these products has been conducted by SEPA and discharge permitted under the existing CAR License. As such, no negative impacts are identified. Furthermore, the controlled conditions afforded by wellboat treatment should benefit efficacy of any treatments carried out, minimizing the overall quantities of any medicines discharged.
- Other marine users: Wellboat operations will be occasional in frequency, short in duration and replace operation of other vessels for conventional tarpaulin treatments. As such, no negative interactions with other users of the area surrounding the farm are anticipated.
- Adjacent Freshwater Pearl Mussel SAC interests: There will be no impact on freshwater systems from wellboat treatment operations occurring in the marine environment. The option to treat under controlled wellboat conditions will benefit health management for farms in the area, and as such any risk of potential interaction with wild salmonids as host of Freshwater Pearl Mussel larvae will be minimized.
- Assynt-Coigach National Scenic Area: As above proposed wellboat presence will be occasional and temporary, and in the immediate vicinity of the existing marine farm permitted in the area. As such no negative visual impacts are anticipated.

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)
Salmosan Vet, Salmosan	Azamethiphos
Paramove	Hydrogen Peroxide
AMX	Deltamethrin

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	Periodically 26/06/20 to end of cycle	10 mins	40g / 3hr, 120g / 24hr	400
2	Periodically 26/06/20 to end of cycle	20 mins	3 cubic meters	1000
3	Periodically 26/06/20 to end of cycle	20 mins	2g / 3hr	1000
4				
5				

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	Discharge pump	Valve	2 - 3	2400 cubic meters per hr
2	Discharge pump	Valve	2 - 3	3000 cubic meters per hr
3	Discharge pump	Valve	2 - 3	3000 cubic meters per hr
4				
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
MV Ronja Commander	IMO 9276183	Mowi (Solvtrans) Blar Mhor Industrial Estate Fort William PH33 7PT Scot
MV Ronja Pioneer	IMO 9345520	Mowi (Solvtrans) Blar Mhor Industrial Estate Fort William PH33 7PT Scot
MV Ronja Challenger	IMO 9765067	Mowi (Solvtrans) Blar Mhor Industrial Estate Fort William PH33 7PT Scot

MV Inter Caledonia	IMO 9745756	Mowi (Solvtrans) Blar Mhor Industrial Estate Fort William PH33 7PT Scot
MV Migdale	IMO 9220689	Migdale Transport Ltd Dornoch Road, Bonar Bridge Sutherland IV24 3EB Scotland
MV Viking Atlantic	IMO 9167954	Johnson Marine Ltd Marine Park, Vidlin Shetland ZE2 9QB
MV Solundoy	IMO 9158654	Johnson Marine Ltd Marine Park, Vidlin Shetland ZE2 9QB
MV Marsali	IMO 9855886	Migdale Transport Ltd Dornoch Road, Bonar Bridge Sutherland IV24 3EB Scotland
MV Soerdyroey	IMO 6700652	Johnson Marine Ltd Marine Park, Vidlin Shetland ZE2 9QB
MV Froytind	IMO 9204532	Migdale Transport Ltd Dornoch Road, Bonar Bridge Sutherland IV24 3EB Scotland
MV Ocean Aquila	IMO 9245926	Ocean Farm Services Holmsgarth Terminal. Holmsgarth Lerwick, Shetland ZE1 0PR

## 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:

Chapter 7 Aquaculture Objective 1 - The option to undertake treatments in a controlled wellboat environment if required supports the objective of sustainable and economically viable aquaculture production, whilst minimizing environmental impacts through optimal treatment efficacy and reduced medicinal discharges.

Chapter 7 Aquaculture Policy 11 - The ability to perform treatments in wellboats represents optimization of equipment and activities to minimize emissions.

Chapter 7 Aquaculture Key Issues:

7.5 & 7.8 - The proposal supports economic benefit to rural & coastal communities in Highland & Islands regions directly through successful operation of the marine farm and through the supply chain e.g. charter of wellboat vessels.

7.12 - The proposal will be of benefit to an integrated plan for the management of sea lice.

7.16 - The application supports a strategic approach to health management, providing another management tool, should promote treatment efficacy and is for the licensing of discharge from a wellboat as referenced.

7.18 - The proposal should minimize potential for interaction with other sectors such as wild fish interests by optimizing sea lice control options available.

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

**12. Consultation**

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

SEPA CAR License ref CAR/L/1090313

**13. Associated Works**

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

As above, discharge point will be the marine farm at Torr Mor, Marine License ref 04333