**From:** Ashley Singleton (Transport) [redacted]
**Sent:** Thursday 14 December 2023 14:07
**To:** finfish@agriculture.gov.ie; FinfishSC
**Cc:** Melissa Lynch
**Subject:** RE: Statutory Consultation - Aquaculture licence T06/202 Deenish, Co. Kerry
**Attachments:** 20231214 T06 202 Deenish Island.pdf

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**Re-sending due delivery failure**

Good morning,

Please see attached observations from MSO regarding the above-captioned renewal/retention application.

Best Regards,

Ashley

**Captain Ashley Singleton**
*Nautical Surveyor*
*Marine Survey Office*

__
**An Roinn Iompair**
*Department of Transport*

**Lána Líosain, Baile Átha Cliath, D02 TR60**
Leeson Lane, Dublin, D02 TR60

__
T [redacted]
[redacted] www.gov.ie/transport

---

**From:** Booth, Yvonne <[redacted]>
**Sent:** Wednesday 29 November 2023 10:33
**To:** Transport MSO <MSO@transport.gov.ie>; Transport MMO <MMO@transport.gov.ie>
**Subject:** Statutory Consultation - Aquaculture licence T06/202 Deenish, Co. Kerry

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Good morning

Mowi Ireland has been instructed by the Department of Agriculture, Food and the Marine in accordance with Regulation 11 of the Aquaculture (Licence Application) Regulations, 1998, as amended (S.I. No. 236/1998) to provide a copy of documents relating to the application for review and renewal of the aquaculture licence at Deenish Island, between Ballinskelligs Bay and Kenmare Bay, Co. Kerry.

The link below, available to you for that purpose, provides access to the following documents:

- The application form for review and renewal of the aquaculture licence;
- Supporting maps and chart layouts;
- Environmental Impact Assessment Report (EIAR) Volumes 1 to 3;
- EIA Portal Confirmation Notice;
- Appropriate Assessment Screening, Determination and Risk Assessment Report; and
- Natura Impact Statement (NIS) Volumes 1 and 2.

https://www.gov.ie/en/publication/437d9-t06-202-silver-king-seafoods-ltd-aquaculturefore shore-licence-application-to-cultivate-salmon/

The documents submitted by Mowi Ireland in support of this application may be requested by alternative electronic means (e.g. WeTransfer) or in hard copy.

I wish to advise you of your right to make written objections or representations to the Minister for Agriculture, Food and the Marine in relation to the effects on the environment of the proposed application within an **eight (8) week** period from date of this email. Any objections or representations you may wish to make should be forwarded to the Minister of Agriculture, Food and Marine at the following address;

| | |
|---|---|
| By post | Marine Finfish Unit,<br>Aquaculture and Foreshore Management Division,<br>Department of Agriculture, Food and the Marine,<br>National Seafood Centre,<br>Clonakilty,<br>Co. Cork.<br>P85 TX47 |
| By email | FinfishSC@agriculture.gov.ie |

If you have any queries about the above, please do not hesitate to contact me at one of the numbers given at the bottom of this page.

Kind regards
Yvonne

_____

Yvonne Booth AIEMA

Licence Applications Manager

Mowi Ireland

DDI: [redacted]
Mobile: [redacted]
Mail: [redacted]

Office: Mowi Ireland
Kindrum
Fanad
Co. Donegal
Ireland



An Roinn Iompair
Department of Transport

Department of Transport
Marine Survey Office
Dublin

14th December 2023

To: finfish@agriculture.ie
cc: [redacted]

**Ref. Application:** **T06/202 Deenish Island, Co Kerry**
**Applicant:** **MOWI Ireland**

This office has no objections from a safety of navigation viewpoint to the above application.

- In order for charts and nautical publications to be updated, if required, the British Admiralty Hydrographic Office is to be informed of the location and nature of the site.
  Fax: 0044 1823 284077, Email: sdr@ukho.gov.uk
- The applicant is required to apply to the Commissioners of Irish Lights for sanction [redacted]nd/or marks that may be required.
  Email: info@irishlights.ie

Yours Sincerely

Captain Ashley Singleton

Marine Survey Office
Nautical Surveyor

[redacted]

**Lána Líosain, Baile Átha Cliath, D02 TR60, Éire**
Leeson Lane, Dublin 2, D02 TR60, Ireland
T [redacted] | info@transport.gov.ie
www.gov.ie/transport

**From:** Spatial Planning <spatialplanning@water.ie>
**Sent:** Monday 18 December 2023 11:22
**To:** FinfishSC
**Subject:** FW: Statutory Consultation - Aquaculture licence T06/202 Deenish, Co. Kerry
**Attachments:** 23_UE_AQ_05_T06_202.pdf

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A chara, please find attached the submission from Uisce Eireann in respect of the aquaculture licence application reference T02/202.

Please can you acknowledge receipt of this submission.

Is mise le meas,

Sheila

**Sheila Convery**
Asset Strategy Forward Planning Team

**Uisce Éireann**
Teach Colvill, 24–26 Sráid Thalbóid, Baile Átha Cliath 1, D01 NP86, Éire
**Uisce Éireann**
Colvill House, 24–26 Talbot Street, Dublin 1, D01 NP86, Ireland

spatialplanning@water.ie
**www.water.ie**
Facebook | Twitter | LinkedIn

---

**From:** Booth, Yvonne <[redacted]>
**Sent:** Wednesday 29 November 2023 11:18
**To:** Spatial Planning <spatialplanning@water.ie>
**Subject:** RE: Statutory Consultation - Aquaculture licence T06/202 Deenish, Co. Kerry

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Good morning

Mowi Ireland has been instructed by the Department of Agriculture, Food and the Marine in accordance with Regulation 11 of the Aquaculture (Licence Application) Regulations, 1998, as amended (S.I. No. 236/1998) to provide a copy of documents relating to the application for review and renewal of the aquaculture licence at Deenish Island, between Ballinskelligs Bay and Kenmare Bay, Co. Kerry.

The link below, available to you for that purpose, provides access to the following documents:

- The application form for review and renewal of the aquaculture licence;
- Supporting maps and chart layouts;
- Environmental Impact Assessment Report (EIAR) Volumes 1 to 3;
- EIA Portal Confirmation Notice;
- Appropriate Assessment Screening, Determination and Risk Assessment Report; and
- Natura Impact Statement (NIS) Volumes 1 and 2.

https://www.gov.ie/en/publication/437d9-t06-202-silver-king-seafoods-ltd-aquaculturefore shore-licence-application-to-cultivate-salmon/

The documents submitted by Mowi Ireland in support of this application may be requested by alternative electronic means (e.g. WeTransfer) or in hard copy.

I wish to advise you of your right to make written objections or representations to the Minister for Agriculture, Food and the Marine in relation to the effects on the environment of the proposed application within an **eight (8) week** period from date of this email. Any objections or representations you may wish to make should be forwarded to the Minister of Agriculture, Food and Marine at the following address;

| | |
|---|---|
| By post | Marine Finfish Unit,<br>Aquaculture and Foreshore Management Division,<br>Department of Agriculture, Food and the Marine,<br>National Seafood Centre,<br>Clonakilty,<br>Co. Cork.<br>P85 TX47 |
| By email | FinfishSC@agriculture.gov.ie |

If you have any queries about the above, please do not hesitate to contact me at one of the numbers given at the bottom of this page.

Kind regards
Yvonne

Yvonne Booth AIEMA

Licence Applications Manager
Mowi Ireland

DDI: [redacted]

Mobile: [redacted]
Mail: [redacted]

Office: Mowi Ireland
Kindrum
Fanad
Co. Donegal
Ireland

Is don duine amháin nó don eintiteas amháin ainmnithe ar an seoladh an fhaisnéis agus d'fhéadfadh ábhar faoi rún, faoi phribhléid nó ábhar atá íogair ó thaobh na tráchtála de a bheith mar chuid den fhaisnéis. Tá toirmeasc ar aon daoine nó aon eititis; nach dóibh siúd an fhaisnéis- aon athbhreithniú a dhéanamh, aon atarchur a dhéanamh nó aon athdháileadh a dhéanamh, nó aon úsáid eile a bhaint as an bhfaisnéis, nó aon ghníomh a bhraithfeadh ar an bhfaisnéis seo a dhéanamh agus d'fhéadfaí an dlí a shárú dá ndéanfaí sin. Séanann Uisce Éireann dliteanas as aon ghníomh agus as aon iarmhairt bunaithe ar úsáid neamhúdaraithe na faisnéise seo. Séanann Uisce Éireann dliteanas maidir le seachadadh iomlán agus ceart na faisnéise sa chumarsáid seo agus séanann Uisce Éireann dliteanas maidir le haon mhoill a bhaineann leis an bhfaisnéis a fháil. Má tá an ríomh-phost seo faighte agat trí dhearmad, déan teagmháil leis an seoltóir más é do thoil é agus scrios an t-ábhar ó gach aon ríomhaire. D'fhéadfadh ríomhphost a bheith so-ghabhálach i leith truaillithe, idircheaptha agus i leith leasuithe neamhúdaraithe. Séanann Uisce Éireann aon fhreagracht as athruithe nó as idircheapadh a rinneadh ar an ríomhphost seo nó as aon dochar do chórais na bhfaighteoirí déanta ag an teachtaireacht seo nó ag a ceangaltáin tar éis a sheolta. Tabhair faoi deara go bhféadfadh monatóireacht a bheith á dhéanamh ar theachtaireachtaí chuig Uisce Éireann agus ó Uisce Éireann d'fhonn ár ngnó a chosaint agus chun a chinntiú go bhfuiltear ag teacht le beartais agus le caighdeáin Uisce Éireann. Is cuideachta gníomhaíochta ainmnithe é Uisce Éireann atá faoi theorainn scaireanna, a bunaíodh de bhun fhorálacha na n-Achtanna um Sheirbhísí Uisce 2007-2022, a bhfuil a bpríomh-ionad gnó ag Teach Colvill, 24-26 Sráid na Talbóide, BÁC 1.

Go raibh maith agat as d'aird a thabhairt.

The information transmitted is intended only for the person or entity to which it is addressed and may contain confidential, commercially sensitive and/or privileged material. Any review, retransmission, dissemination or other use of, or taking of any action in reliance upon, this information by persons or entities other than the intended recipient is prohibited and may be unlawful. Uisce Éireann accepts no liability for actions or effects based on the prohibited usage of this information. Uisce Éireann is neither liable for the proper and complete transmission of the information contained in this communication nor for any delay in its receipt. If you received this in error, please contact the sender and delete the material from any computer. E-Mail may be susceptible to data corruption, interception and

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Thank you for your attention.

Your ref: T06/202

Uisce Éireann
Bosca OP 6000
Baile Átha Cliath 1
D01 WA07
Éire

Uisce Éireann
PO Box 6000
Dublin 1
D01 WA07
Ireland

T: +353 1 89 25000
F: +353 1 89 25001
www.water.ie

Aquaculture and Foreshore Management Division;
Department of Agriculture, Food and the Marine,
National Seafood Centre,
Clonakilty,
Co. Cork
P85TX47

Our ref: 23_UE_AQ_05

18/12/2023

Dear Sir/Madam,

We refer to your email notification of the 29/11/2023 regarding the above application for an aquaculture licence and make the following observations:

We note that application T06/202 refers to a development that is not within a designated shellfish water, but is within the Water Framework Directive Register - South Western Atlantic Seaboard CWB – Shellfish Area. For your information, we identify in Table 1 the coordinates of existing primary and secondary discharges operated by Uisce Eireann discharging within 10 km and 16km of the proposed development.

Table 1 Co-ordinates of existing primary discharges within 10km and 16km of the site

| Application No. | Easting | Northing | |
|---|---|---|---|
| T06/202 | 50112 | 65881 | Within 10km of primary discharge point |
| T06/202 | 43400 | 65088 | Within 10km of primary discharge point |
| T06/202 | 57205 | 44223 | Within 16km of primary discharge point |
| T06/202 | 43170 | 65376 | Within 10km of other discharge point |
| T06/202 | 43488 | 66284 | Within 10km of other discharge point |

Yours faithfully,

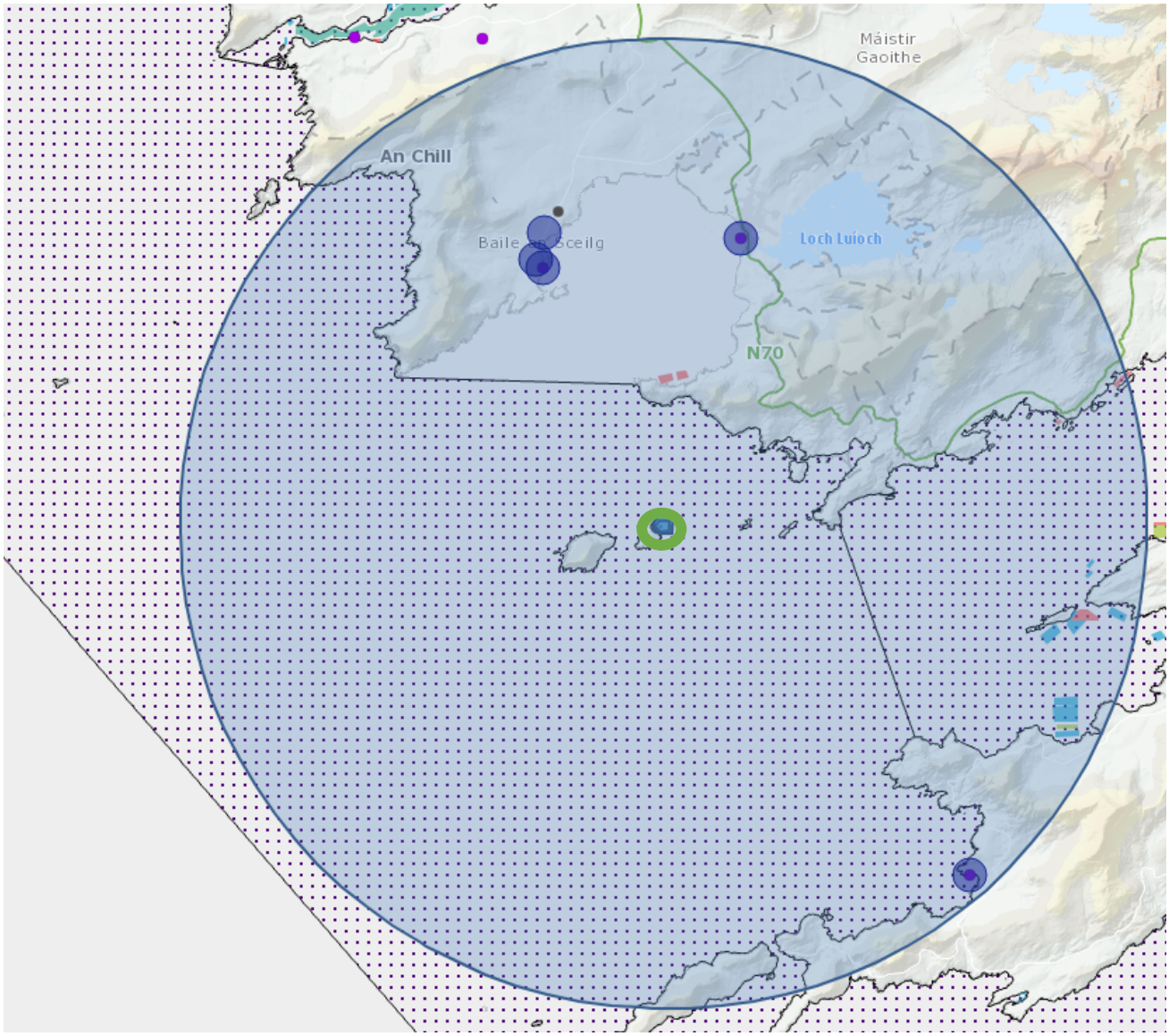
*Sheila Convery*

**Spatial Analyst**
**Asset Strategy – Asset Management**

**Stiúrthóirí / Directors:** Tony Keohane (Cathaoirleach / Chairman), Niall Gleeson (POF / CEO), Christopher Banks, Fred Barry, Gerard Britchfield, Liz Joyce, Patricia King, Eileen Maher, Cathy Mannion, Michael Walsh.
**Oifig Chláraithe / Registered Office:** Teach Colvill, 24-26 Sráid Thalbóid, Baile Átha Cliath 1, D01 NP86 / Colvill House, 24-26 Talbot Street, Dublin, Ireland D01NP86
Is cuideachta ghníomhaíochta ainmnithe atá faoi theorainn scaireanna é Uisce Éireann / Uisce Éireann is a design activity company, limited by shares.
Cláraithe in Éirinn Uimh.: 530363 / Registered in Ireland No.: 530363.

Screengrab showing location of discharges and the proposed development

Location of proposed AQ development



**From:** Operations <Operations@irishlights.ie>
**Sent:** Monday 15 January 2024 11:13
**To:** FinfishSC
**Cc:** Catriona Schmegner; Lawrence Kilbane
[redacted];[redacted]
**Subject:** FW: Statutory Consultation - Aquaculture licence T06/202 Deenish, Co. Kerry
**Attachments:** 2024-01-15 - Irish Lights response to renewal - No objection .pdf

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**Dear Minister,**

**Please find attached Irish Lights' observations on the above application.**

**Best regards,**

**Vivienne Bertram**
Admin Support
Navigation & Maritime Services

**Commissioners of Irish Lights**
Harbour Road, Dun Laoghaire, Co. Dublin, Ireland

**http://www.irishlights.ie**
**…….**

Commissioners of IRISH LIGHTS | Navigation and Maritime Services

**…….**
For a breathtaking experience where land meets sea, visit
**http://www.greatlighthouses.com**

This email and any files transmitted with it are confidential and intended solely for the use of the individual or entity to whom they are addressed.

---

**From:** Booth, Yvonne <[redacted]>
**Sent:** Wednesday, November 29, 2023 11:17 AM
**To:** Operations <Operations@irishlights.ie>
**Subject:** Statutory Consultation - Aquaculture licence T06/202 Deenish, Co. Kerry

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F.A.O. Navigation Support Officer

Good morning

Mowi Ireland has been instructed by the Department of Agriculture, Food and the Marine in accordance with Regulation 11 of the Aquaculture (Licence Application) Regulations, 1998, as amended (S.I. No. 236/1998) to provide a copy of documents relating to the application for review and renewal of the aquaculture licence at Deenish Island, between Ballinskelligs Bay and Kenmare Bay, Co. Kerry.

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- Natura Impact Statement (NIS) Volumes 1 and 2.

https://www.gov.ie/en/publication/437d9-t06-202-silver-king-seafoods-ltd-aquacultureforeshore-licence-application-to-cultivate-salmon/

The documents submitted by Mowi Ireland in support of this application may be requested by alternative electronic means (e.g. WeTransfer) or in hard copy.

I wish to advise you of your right to make written objections or representations to the Minister for Agriculture, Food and the Marine in relation to the effects on the environment of the proposed application within an **eight (8) week** period from date of this email. Any objections or representations you may wish to make should be forwarded to the Minister of Agriculture, Food and Marine at the following address;

| | |
|---|---|
| By post | Marine Finfish Unit,<br>Aquaculture and Foreshore Management Division,<br>Department of Agriculture, Food and the Marine,<br>National Seafood Centre,<br>Clonakilty,<br>Co. Cork.<br>P85 TX47 |
| By email | FinfishSC@agriculture.gov.ie |

If you have any queries about the above, please do not hesitate to contact me at one of the numbers given at the bottom of this page.

Kind regards
Yvonne

Yvonne Booth AIEMA

Licence Applications Manager
Mowi Ireland

DDI: [redacted]
Mobile: [redacted]
Mail: [redacted]

Office: Mowi Ireland
Kindrum
Fanad
Co. Donegal
Ireland



Commissioners of Irish Lights
Harbour Road, Dun Laoghaire
Co. Dublin, Ireland

T +353.1.271.5400
F +353.1.271.5566

E info@irishlights.ie
W www.irishlights.ie

Minister of Agriculture, Food and Marine
Marine Finfish Unit
Aquaculture and Foreshore Management Division
Dept. of Agriculture Food & the Marine
National Seafood Centre
Clonakilty
Co. Cork
P85 TX47

Reference: T06/202

Date: 15/01/2024

**Applicant:** Mowi Ireland
**Site:** Deenish Island, Co. Kerry

Dear Minister,

Thank you for your letter advising us of this application for renewal of this licence, which we received on 29/11/2023.

Based on the information supplied, there is no objection to this renewal. It is important to ensure that no navigable inter-tidal channels are impeded by any structures.

If the licence is renewed, all structures must be clearly marked as required by Regulations and Licensing Permit conditions and to the approval of the Marine Survey Office.

Irish Lights bring to your attention the fact that we have no record of this applicant or previous licence holder having applied to Irish Lights for Statutory Sanction for the establishment of Aids to Navigation relating to the licence requirement to clearly mark the structures.

We would request that you include the following terms in the licence:

That the applicant is required to secure Statutory Sanction from the Commissioners of Irish Lights for the aids to navigation for marking the structures as required by the Marine Survey Office. Details of how to make an application for a Statutory Sanction are available at http://www.irishlights.ie/safety-navigation/statutory-sanction.aspx

It is recommended that local fishing and leisure interests be consulted prior to a renewal decision being made.

Furthermore, if a licence is granted, the UK Hydrographic Office at Taunton: sdr@ukho.gov.uk must be informed of the development's geographical position in order to update nautical charts and other nautical publications.

Commissioners of IRISH LIGHTS | Navigation and Maritime Services

**Commissioners of Irish Lights**
Harbour Road, Dun Laoghaire
Co. Dublin, Ireland

T +353.1.271.5400
F +353.1.271.5566

E info@irishlights.ie
W www.irishlights.ie

Yours sincerely,

**Capt. Catríona Schmegner Tosco**
***Navigation Services Manager***

NAVIGATION SERVICES MANAGER
15 JAN 2024
COMMISSIONERS OF IRISH LIGHTS

cc. Capt. L. Kilbane, MSO & Ashley Singleton,
Dept. of Transport

**From:** Housing Fem Dau <Fem.Dau@npws.gov.ie>
**Sent:** Tuesday 23 January 2024 12:05
**To:** FinfishSC
**Cc:** [redacted]; Housing Foreshore; Housing ForeShoreORE
**Subject:** T06/202
**Attachments:** T06-202.pdf

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A Chara

Please find attached the nature conservation recommendations on the above referral.

Kind regards,

---

**Edel Griffin**
*Executive Officer*
——
**An Roinn Tithíochta, Rialtais Áitiúil agus Oidhreachta**
*Department of Housing, Local Government and Heritage*
**Aonad na nIarratas ar Fhorbairt**
*Development Applications Unit*
**Oifigí an Rialtais**
*Government Offices*
**Bóthar an Bhaile Nua, Loch Garman, Contae Loch Garman, Y35 AP90**
Newtown Road, Wexford, County Wexford, Y35 AP90

An Roinn Tithíochta,
Rialtais Áitiúil agus Oidhreachta
Department of Housing,
Local Government and Heritage

Your ref: T06/202
(Please quote in all related correspondence)

23 January 2024

Marine Finfish Unit,
Aquaculture and Foreshore Management Division,
Department of Agriculture, Food and the Marine,
National Seafood Centre,
Clonakilty,
Co. Cork.
P85 TX47

VIA: FinfishSC@agriculture.gov.ie

Re: Renewal of Aquaculture Licence Application in Deenish Island, between Ballinskelligs Bay and Kenmare Bay, Co. Kerry

A chara

I refer to the communication(s) received in connection with the above-referenced case. Outlined below are heritage-related observations/recommendations of the Department co-ordinated by the Development Applications Unit under the stated heading(s).

**Nature Conservation**

The proposed development is for an aquaculture facility to culture Atlantic salmon. The T6/202 Deenish site is located off the eastern side of the uninhabited Deenish island, which is situated off the coast of Co. Kerry between Ballinskelligs Bay and Kenmare Bay. The spatial extent of the existing site is 14.5ha while the spatial extent of the new proposed site is 33.5ha. A maximum of 15 Aqualine pens would be deployed at the site. The pens at the site would be set out in a 5x 3 grid arrangement. Corner site buoys with navigational lights (4 sec 2 mile) would be located at the corners. Two of the pens would have an 8m sidewall, 12m total depth and 126m circumference, which would give a total capacity of 23,607m3. The remaining 13 pens would have a 126m circumference, a net wall depth of 11m and a depth to the cone of 20m, which would give a total capacity of 11,803.44m$^3$. The overall total capacity of the 15 pens together would be 253,773.82 m3. These would be supported within heavy duty polyethylene or steel base frames set at regular intervals around the floatation ring, upon which stanchions would be mounted to support the heavy duty handrail that runs

around the pen. The pens would be held in the mooring grid by mooring bridles attached to the pen floatation rings. The mooring grid would be a heavy duty rope-work structure comprising a series of squares, each of which support a pen. Nets would be made of knotless nylon sheeting. In compliance with organic standards, no net antifouling treatment would be used. Smolt nets, with a smaller mesh size than grower nets, would be installed at the beginning of the cycle. Nets would be cleaned *in-situ* on a regular basis throughout the growth cycle using a 7-head K-188-30 Idema net cleaner. The main access to the site would be by boat from Travara Pier, Co Cork. It is noted that vessels that may be travelling between multiple locations (such as the wellboat) have the potential to transfer Invasive Alien Species (IAS) such as *Didemnum*, *Styela*, *Undaria* etc. from one location to a new location. The MV Grip Transporter Wellboat is chartered for MOWI use only.

The production cycle at the site would be 24 months long and that includes fallowing and would operate under a policy of strict separation of generations, with an 'all in all out' model with no movement during the grow-out phase. The smolts would grow out to an approximate mean weight of 2.5 kg in approximately 13-14 months post transfer. After this time, they would be counted, graded and redistributed in preparation for harvest. Salmon at the site farm would be fed organic rations that comply with EU Directives. After stunning and bleeding of harvested fish, the dead fish are collected in closed steel road tankers at Travara pier. The tankers would contain an ice/seawater slurry. The blood water is collected with the fish and the fish would continue to bleed out into the sealed collection tanks. The tanks are then transported by road to Rinmore Processing plant in Fanad, Co. Donegal for processing. All harvest effluent (i.e. blood water, wash water, melted ice etc.) is collected outside of and within the processing plant by means of underground drains and sumps. All filtered waste water is then treated by means of chemical precipitation (flocculation) followed by dissolved air flotation. All sludge collected at the effluent treatment plant would be sent to an approved rendering plant for final disposal. Offal and trimming waste arising from the processing facility is collected continuously from the process. Daily accumulations of waste from stocks that do not have listed diseases are managed in the following ways:

- Offal is pumped into an ensiling chamber and mixed with formic acid to produce silage with pH<4. This silage is sold as Rest-Raw-Material to third parties for oil and protein extraction.

- Offal and trimmings which is not ensiled is transported to approved An Bord Pleanála processing plants for rendering.

MOWI would ensure that mortalities would be disposed of in a manner limiting risk of disease to healthy stocks, contamination of water, as well as smell and introduction of pests. Sea lice

are natural parasites of both wild and farmed fish. Two sea lice species are major parasites of European salmonids. The marine louse, *Caligus elongatus* parasitises many marine fish species including salmon. The salmon louse, *L. salmonis* is more euryhaline in habit and is a parasite specific to salmonids in brackish to fully marine conditions (25 to 35‰). *L. salmonis* is the more problematic of the two species for both wild and farmed salmonids. There is discussion in the document as to the treatments and monitoring that would be employed. Review of these elements of the Natura Impact Statement (NIS) would be undertaken by Inland Fisheries Ireland.

The entire aquaculture site would be within Kenmare River Special Area of Conservation (SAC) and consequently an NIS has been generated to inform the Article 6(3) assessment. It is also within Deenish Island and Scarriff Island Special Protection (SPA) Area. The site is located on the eastern flanks of Deenish Island and is sheltered from westerly and southerly swells. The seabed underneath the northern pens is primarily flat and is characterised by sandy sediments (ranging to fine and medium sand) with varying proportions of coarse shell fragments. The seabed bathymetry to south-west deepens. The seabed is characterised by gravel and boulder and rocky reef. The potential source of impact to benthic habitats from operations at the Deenish site is predominately organic enrichment due to settle-able solids discharged from the fish sites which comprised fish faeces and feed waste. Solid wastes arising from the culture of fish can impact the seabed and associated benthic communities. These could be linked to the Annex I habitats large shallow inlets and Bays & Reefs. Three-dimensional hydrodynamic simulation modelling was undertaken to determine the transport and dispersion of settle-able solids surrounding the site. The fate, dispersion and transport of these solids were modelled following discharge into the water column at mid-water depth at the fish pens. The settle-able solids discharged from the fish sites comprised two sources of organic particulate matter: fish faeces and feed waste. Of the feed supplied to a fish farm an estimated 97% is consumed by the fish stock while the remaining 3% is uneaten and settles to the bottom. The simulations show localised deposition immediately beneath the farm cages and within the proposed licensed site area. The predicted maximum deposition rate at the farm is 1.4mm per month of which 1.68kg per m2 of organic material per month (or 54g per m2 per day). While slight migration of settle-able solids outside of the licenced production area to the south and east is predicted the predicted maximum deposition rate is low at less than 0.2mm per month. Both the percentage of overlap and the expected nutrient input values are extremely small.

**Scientific Advice and Research Division Observations for internal usage**

- The proposed salmon culture site is located within Kenmare River SAC and adjacent to Deenish Island and Scariff Island SPA.

- The supporting document has been examined for potential impact on Special Protected Areas and Special Areas of Conservation by relevant scientific staff.

- Observations on the potential interaction of the proposed development on Annex II fish species fall within the remit of Inland Fisheries Ireland and no commentary or observation is provided by the National Parks and Wildlife Service of this Department.

**Scientific Advice and Research Division Comment for external communication**

The entire aquaculture site would be within Kenmare River SAC and consequently an NIS has been generated to inform the Article 6(3) assessment. The site is also located adjacent to Deenish Island and Scariff Island SPA (Site Code: 004175). This SPA has the following listed Special Conservation Interests: Fulmar, *Fulmarus glacialis*; Manx Shearwater, *Puffinus puffinus*; Storm Petrel, *Hydrobates pelagicus*; Lesser Black-backed Gull, *Larus fuscus*; and Arctic Tern, *Sterna paradisaea*.

With regard to the listed species of the aforementioned SPA and particularly with regard to Manx Shearwater and Storm Petrel the assessment reports do not satisfactorily consider the potential impact of the proposed development and associated activities on the listed birds with regard to:

- the biosecurity threat to the SPA of potentially introducing predatory mammals such as Brown Rat and American Mink onto the islands of the SPA. If such species became established, they would likely significantly and negatively impact on the breeding birds' survival and productivity rates; and

- depending upon the intensity, layout and other characteristics, the lighting of the development has the potential to negatively interfere with the behaviour the Manx Shearwater and Storm Petrel fledglings which depart their natal sites under cover of darkness. Such young birds may get attracted to the lighting of this development thus increasing their chances of depredation by gulls and other predators.

In relation to marine Annex II marine mammal species, the Department has undertaken regular monitoring across all SACs. Where population or count figures are provided in the assessment in order to describe a species' status or other parameters it would be helpful if the most recent information was used and a clear source citation provided. The Department has undertaken annual standardised moult season monitoring of the harbour seal population within Kenmare River SAC since 2009 and there are also substantial local records preceding

the current monitoring programme. In addition, aerial surveys of the area were carried out in 2011/2012 and repeated again 2017/2018 (see http://www.npws.ie/marine/marinereports). There are still important data gaps remaining for the site. This is particularly the case regarding:

(a) harbour seal site use throughout the annual cycle and

(b) the spatial and numerical extent of harbour seal breeding (May–July) and post-moult (Oct-Apr) activity.

It is noted that mitigation is suggested to ensure organic enrichment does not accumulate beneath the salmon culture site. This fallowing period should be incorporated as a condition of consent and should require monitoring to ensure its efficacy. It is also noted that the movement of the MV Grip Transporter could transport invasive species. This does not have a thorough examination in the NIS.

The assessment documents would be greatly improved if these threats are specifically considered and relevant mitigation and monitoring actions are detailed and subsequently incorporated into the conditions of any licence that may issue with regard to this development.

You are requested to send any further correspondence to this Department's Development Applications Unit (DAU) at fem.dau@npws.gov.ie

Is mise, le meas



Edel Griffin
Development Applications Unit
Administration

**From:** McGuinness, Maebh
**Sent:** Wednesday 24 January 2024 17:04
**To:** FinfishSC
**Subject:** SFPA observations re: Aquaculture licence T06/202 Deenish, Co. Kerry
**Attachments:** SFPA Reply to T06-202 Mowi Silver King Deenish Kerry.pdf

Hi FinFish team,

Please find attached observations from the SFPA on the Aquaculture Licence application by Mowi Ireland: T06/202 Deenish, Co. Kerry

Regards,

**Maebh McGuinness**
SFPA: Food and Fisheries Support Unit
**Mobile:** [redacted]
**Office** +353 (0)23 8859300
**Email** [redacted]

AN t-ÚDARÁS UM CHOSAINT IASCAIGH MHARA | SEA-FISHERIES PROTECTION AUTHORITY

An t-Údarás um Chosaint Iascaigh Mhara, Clogheen, Cloich na Coillte, Chorcaí
Head Office, National Seafood Centre, Park Road, Clogheen, Clonakilty, Co. Cork
Eircode: P85TX47
**www.sfpa.ie**
SFPA Confidential Line **1890 76 76 76 or** use this form




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**From:** [redacted]>
**Sent:** 29 November 2023 10:34
**To:** DAFM Queries <DAFMQueries@sfpa.ie>; SFPA Applications <applications@sfpa.ie>; McGuinness, Maebh [redacted]
**Subject:** Statutory Consultation - Aquaculture licence T06/202 Deenish, Co. Kerry

**CAUTION:** This Email originated from Outside of this department. Do not click links or open attachments unless you recognise the sender and know the content is safe. Otherwise Please Forward any suspicious Emails to Notify.Cyber@agriculture.gov.ie .

Good morning

Mowi Ireland has been instructed by the Department of Agriculture, Food and the Marine in accordance with Regulation 11 of the Aquaculture (Licence Application) Regulations, 1998, as amended (S.I. No.

236/1998) to provide a copy of documents relating to the application for review and renewal of the aquaculture licence at Deenish Island, between Ballinskelligs Bay and Kenmare Bay, Co. Kerry.

The link below, available to you for that purpose, provides access to the following documents:

- The application form for review and renewal of the aquaculture licence;
- Supporting maps and chart layouts;
- Environmental Impact Assessment Report (EIAR) Volumes 1 to 3;
- EIA Portal Confirmation Notice;
- Appropriate Assessment Screening, Determination and Risk Assessment Report; and
- Natura Impact Statement (NIS) Volumes 1 and 2.

https://www.gov.ie/en/publication/437d9-t06-202-silver-king-seafoods-ltd-aquacultureforeshore-licence-application-to-cultivate-salmon/

The documents submitted by Mowi Ireland in support of this application may be requested by alternative electronic means (e.g. WeTransfer) or in hard copy.

I wish to advise you of your right to make written objections or representations to the Minister for Agriculture, Food and the Marine in relation to the effects on the environment of the proposed application within an **eight (8) week** period from date of this email. Any objections or representations you may wish to make should be forwarded to the Minister of Agriculture, Food and Marine at the following address;

| | |
|---|---|
| By post | Marine Finfish Unit,<br>Aquaculture and Foreshore Management Division,<br>Department of Agriculture, Food and the Marine,<br>National Seafood Centre,<br>Clonakilty,<br>Co. Cork.<br>P85 TX47 |
| By email | FinfishSC@agriculture.gov.ie |

If you have any queries about the above, please do not hesitate to contact me at one of the numbers given at the bottom of this page.

Kind regards
Yvonne

Yvonne Booth AIEMA

Licence Applications Manager
Mowi Ireland

DDI: [redacted]
Mobile: [redacted]
Mail: [redacted]

Office: Mowi Ireland
Kindrum
Fanad
Co. Donegal
Ireland



AN t-ÚDARÁS UM CHOSAINT IASCAIGH MHARA | SEA-FISHERIES PROTECTION AUTHORITY

# Aquaculture & Foreshore Application Observations

| **Applicant Name & Area: Aquaculture Licence Application** Mowi Ireland/ Silver King Seafoods Ltd Ballinskelligs Bay and Kenmare Bay, Co. Kerry | **Application No:** ref: (T06/202) |
|---|---|
| **Application Category** | |
| ☐ Aquaculture Licence<br>☒ Review of Aquaculture Licence<br>☒ Renewal of Aquaculture Licence | ☐ Foreshore Licence<br>☐ Trial Licence |
| **Type of Aquaculture** | |
| **Marine Based**<br>Shellfish *Subtidal* ☐<br>*Intertidal* ☐<br>Finfish ☒<br>Seaweed / Aquatic Plants/Aquatic Fish Food ☐ | **Land Based**<br>Shellfish ☐<br>Finfish ☐<br>Aquatic Plants ☐<br>Aquatic Fish Food ☐ |

| **Sea Fisheries Protection Officer Observations** |
|---|
| 1. *Possible impacts, if any, on existing wild fisheries in the area, with an emphasis on the possible implications for the SFPA conducting official controls and possible non-compliance issues that could arise.*<br><br>No negative impacts on existing wild fisheries in the area and no foreseeable implications for the SFPA conducting official controls and possible non-compliance issues that could arise. |
| 2. *Impacts, if any, on shellfish growing areas adjacent to or within the area and the possible impact on the ability of the SFPA to conduct official controls and possible non-compliance issues that could arise.*<br><br>No negative impacts on shellfish growing areas and no foreseeable implications for the SFPA conducting official controls and possible non-compliance issues that could arise. |
| 3. *Possible impacts, if any, on seafood safety*.<br><br>No negative impacts on seafood safety. |

AN t-ÚDARÁS UM CHOSAINT IASCAIGH MHARA | SEA-FISHERIES PROTECTION AUTHORITY

| | |
|---|---|
| **Sea-Fisheries Protection Authority**<br><br>Sea Fisheries Protection Officer, Sea-Fisheries Protection Authority, An Daingean, Co. Kerry. | **Date: 08th** January 2024 |