

## Submissions received from Mr John Brendan O’Keeffe AP2/3/2015

Date: Sun 17/06/2018 13:47

Re: Exasperation

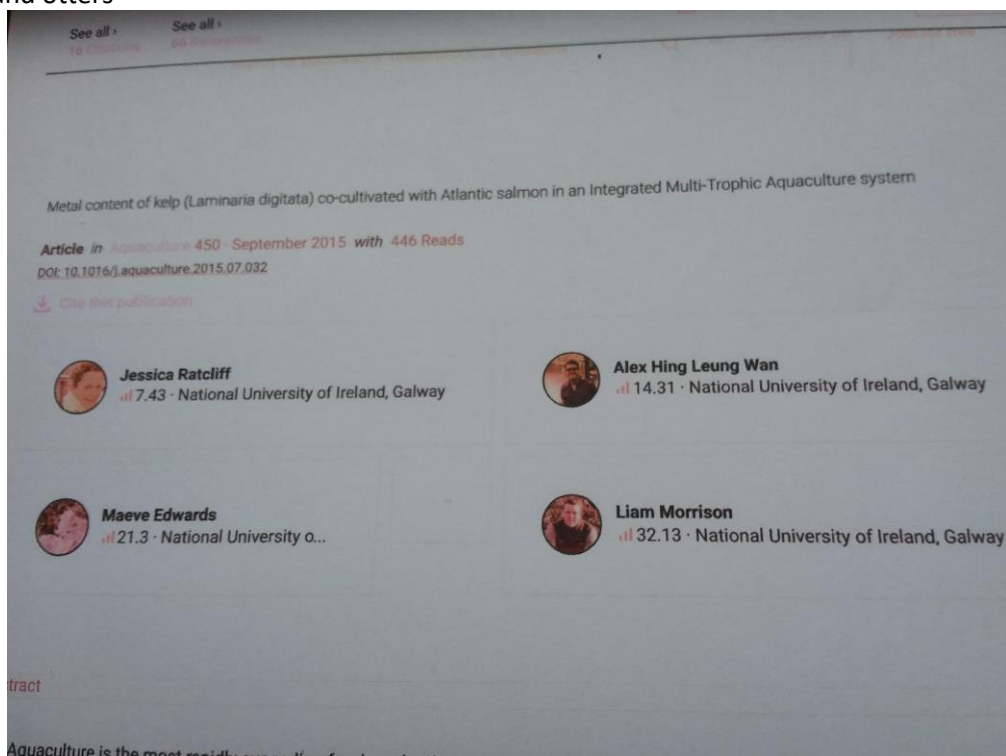
Please request a copy of two citations by Alex Coram from page 9 of his Bibliography.

1. Carss, David N.1990.
2. Coram, A, J Gordan, D Thompson, and S Northridge. 2014.

These references could not be found on a web search.

Date: 08/07/2018 09:40

Re: Arsenic and otters



Attachment: Aquaculture is the most rapidly expanding food production system and it is

Please accept this attachment for appeal T05/555 to show evidence that toxic metals in kelp i.e. Arsenic, found above safe levels in kelp nearby Irish Salmon Aquaculture facilities reach the otters food chain. The urchins eat the contaminated kelp and the otters eat the urchins there by endangering the protected otter.

From: Date: 27/7/18 3:35 AM

Re: Carss1990 (1)[2305843009214722068].pdf

Attachment:



Carss1990

(1)[230584300921472

This document presented by Dr Saunders is evidence that a Salmon Farm at Shot Head will endanger the otters.

Otters eating food from the farm will be harmed by lethal toxins in the food spilling out of the farm and in the flesh of any escaped salmon. Acting "as vectors for the transfer of disease and parasites" in abundance around salmon farms as stated in Dr Saunders submission they will be harmed by the same diseases and parasites.

Otters are considered to be the cornerstone of the environment they inhabit, thus a proper survey conducted in a scientific manner is imperative.

In the event that the Salmon Farm does not go ahead a study should still be carried out as 2018 is the first year evidence of otters have not been seen in the Shot Head and Mehal Head area.

Please include this document in my response to Dr Saunders report.

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Received 31/07/2018 @ 10.51

Re: Dr Coram fer

unable to locate Ross, Peter S et al, "Harbour seals in British Columbia.....Environmental Toxicology and Chemistry 23(1): 157-65. Please request from Dr Coram



Ross\_et\_al-2004-Environmental\_Toxicology

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31/07/2018 00:21

Re: Alex Coram, seals and St Andrews

Attachment:



journal.pone.0156464  
(1).PDF

Dr Alex Coram is on the staff of St Andrews Marine Research institution.

St Andrews Marine Research is financed by the Scottish Government in the interest of promoting aquaculture and mariculture. St Andrews Marine Research trains students for aquamarine and Aquaculture industry and has a vested interest in the success of the same industries.

The attached manuscript was produced by a team of scientist from St Andrews Marine Research in same institution Dr Coram produces his manuscripts. The methodology used to produce the attached manuscript is not just underwhelming unscientific evidence but void of any evidence that could be scientific. It is littered with second hand hearsay, non-forensic speculation that does not in any way differentiate between propeller and and machine injury from infanticide or attempted cannibalism, pictures look more like machine equipment wounds.

This is a bad reflection on the institution and Dr Coram and the legitimacy of his report and recommendations. It can only be interpreted as pretense to condone the shooting of seals for the convenience and profit of the fish farming industry which they serve.

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30/07/2018 23:00

Re: Otter extinction

Attachment:



otter[1].pdf

This attachment Chanin (2003a) document as it depicts the dire situation of the health of otters 20-30 years ago.

It should point to the urgency to do a scientific evaluation of the consequences of the increase in POP, metals Mercury, cadmium,PCBs, Arsenic, pesticides etc. The Shot Head proposed salmon farm site may be the only safe habitat for otters in Bantry Bay, a reason to not grant the licence at Shot Head. Not repealing the licence will be willful endangerment to the life and survival of a protected and endangered otter, an illegal and punishable act.

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30/07/2018 22:15

Re: Pollution otter habitat. AP2/2015

Please accept this document revised to refer to otters, seals and birds.

----- Original message -----

From: johnbrendanroosk

Date: 4/25/18 8:33 AM (GMT-06:00)

To:

Subject: Fwd: Pollution otter habitat. AP2/2015

?picture. B

----- Original message -----

From: john O'keeffe

Date: 4/24/18 1:42 PM (GMT-06:00)

To:

Subject: Pollution otter habitat. AP2/2015

please accept this exhibit with revised dialogue.

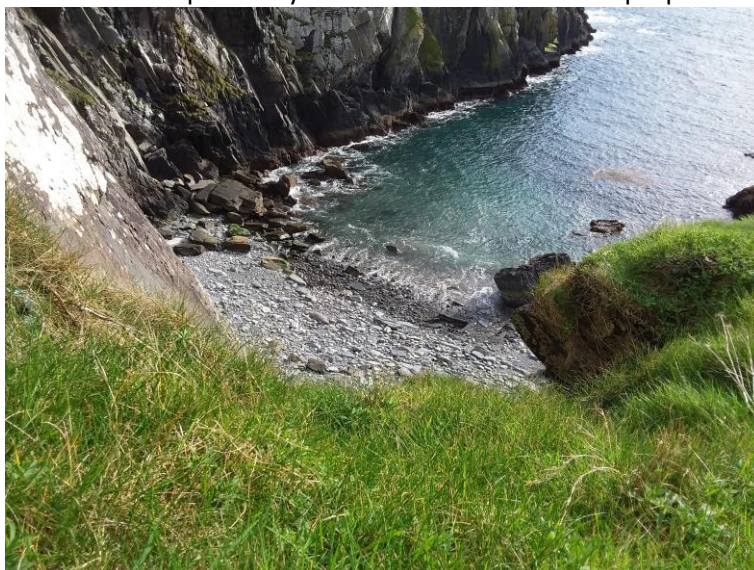
As noted in original appeal this picture the sewage water being dumped by M.H. 100m from Shot Head and the coast line. The water can contain chemicals, infective material, genetically engineered food and arsenic. These pollutants will poison and enterupt the food chain, damage the DNA of otters, seals and birds in Bantry Bay and further afield. They will be washed into the Dromagaulane river as they are dumped within 200m of the river estuary, the said river is habitat to pearl mussels, wild salmon and sea trout and otters.



07.15.2015 02.08

30/07/2018 22:15  
Re: Cuas an Aonaigh picture

Please accept this picture to illustrate the proximity of the otters to Shot Head proposed salmon farm.



30/07/2018 22:15  
Re: Overwhelming Scientific Evidence?  
AP2/1-14/2015  
Please accept to appeal.

In the documents and references so far no where can one find "Overwhelming Scientific Evidence ". The hyperbole of this remark makes a sham of the appeal process. If Dr Saunders conclusion is to please his employers at Marine Institute and thus The Government, it is gross conflict of interest and should be dismissed. Please correct me if wrong. Let me add that relevant information is information that helps the public make informed decisions.

30/07/2018 22:15  
Re:AP2/1-14/2015 Chanin (2003a)

Dr Chanin quote and Dr Saunders final "Thus " statement has introduced two straw-men ie Salmon returning and Glengarriff Harbour and Woodland SAC. Neither of these issues are of significance to the impact of the Salmon Farm at Shot Head. Is Dr Saunders suggesting the otter is protected when in an SAC?. Time spent with these circumventions has again required me to ask for more time to properly explore the evidence. Section 46(1)(a) in the interests of justice.

Dr Chanin's 2003a document is not current, as it mostly references from 70s,80s and 1990s. The Magazine which carried his document cannot be contacted and may be out of business.

A scientific study conducted by trained personal, with tagging and scientific methods should be carried out before constructing a salmon farm that has known hazards to the otters. The Law is on the side of the otter.

30/07/2018 22:15  
Re: AP2/1-14/2015  
Please accept following for appeal.

I agree with Dr Saunders "disturbance impact "

Having encountered otters at a 200m point at Cuas an Aonaigh and having been up ended by one disturbed otter. We are the closest residents to the proposed salmon farm and have otters leave their spraints at the back door and in the chicken coop, eating food yet not touching hens or eggs.

Otters are encountered here at dusk and later. Tracts were present in the muddy area by the gate, 50m from Cuas an Aonaigh. Disturbingly, no tracks this year, or sightings.

The immediate danger to this endangered protected otter is poisoning from food introduced into the otters food chain by this proposed salmon farm at the Shot Head-Mehal head area. Contaminated sea weed, kelp, sea urchins and other Schell fish in the environment of which the otters the keystone.

In evidence presented and referenced by Drs Saunders and Coram, Arsenic is 10-fold increased in kelp adjacent to fish farms compared to control locations. We would like permission to submit a picture to illustrate this habitat and to resubmit Henk A Tennekes, dose-time article as it was not published at the deadline for this appeal.

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