

Case No: 2020-0030 Date of visit: 25/02/2020

Time spent on site: 4 hours Main Inspector:

Site No: FS1033 Site Name: North Shore
Business No: FB0119 Business Name: Mowi Scotland Ltd

Case Types: 1 ESC 2 CNA 3 SLA 4 5 6

Water Temp (°C): Thermometer No: FHI 045 completed

Observations: Region: WI Water type: S CoGP MA W-3

Dead/weak/abnormally behaving fish present? N/A If yes, see additional information/clinical score sheet.
Clinical signs of disease observed? N/A If yes, see additional information/clinical score sheet.
Gross pathology observed? N/A If yes, see additional information/clinical score sheet.
Diagnostic samples taken? N/A

UNI/REG only - if unable to carry out intended visit detail reason below:

Additional Case Information:

Enhanced containment inspection carried out following report of circumstance which may have given rise to the risk of escape - MSe191219SAL1.

Enhanced sea lice inspection carried out following recommendation during inspection of site on 29/10/19 (case number 2019-0647)

Site fallow since 6 February 2020

Escape investigation

APB submitted escape notification to FHI on 20/12/19 of an incident which gave rise to the risk of an escape occurring on 19/12/2019. Inspection of dive records on site showed the incident occurred on 12/12/19. Site manager advised that updated notification forms should be submitted, detailing the correct date.

The hole in the net was discovered during a routine dive inspections of nets. A hole was observed at the bottom of the net on cage 6, no holes observed in nets of other cages. The hole was 'T' shaped approximately 50 cm² in size. It is suspected that the cone of the lift up system positioned at the bottom of the net, was shifted out of place during a storm event, usually the lift-up cone sits on a section of the net which is double panelled, held in place with tensioned ropes. The cone was observed as not sitting in the correct position by divers and it is suspected abrasions to the net caused the hole. The hole was repaired following its discovery. Lift-up system was raised and inspected for damage which may have caused jagged edges on the cone, no damage was observed. Lift up was put back in place and secured in position against the double panelled section of the net. Divers returned to site on 15/12/19 to check the repair work and inspect that lift-ups were all secured in place in each cage. The site has been using cameras in cages to monitor the position of lift-ups. Divers had previously inspected the cages on 05/12/2019 with no holes in nets observed. The cage was harvested out on 08/01/2019. Final counts from harvest indicated that no fish had been lost.

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Registration/Authorisation Details

- 1. Business/site details summary checked by site representative? **Y**
- 2. Changes made to details? **N**

Site Details

Total No facilities	17	Facilities stocked	0	No facilities inspected	0
Species	Fallow				
Age group					
No Fish					
Mean Fish Wt					
Next Fallow Date (Site)	Currently fallow	Next Input Date (Site)	November 2020		

Recent (last 4 wks) disease problems? **N/A** Any escapes (since last visit)? **Y**
 If yes, detail: **MSe191219SAL1 - Hole in net discovered 12/12/2020, notification states 0 fish escaped**

Movement Records

- 1. Movement records available for inspection? **Y**
- 2. Date of last inspection: **12/11/2019**
- 3. Are records complete and correctly entered? **Y**
- 4. Are movement records available for dead fish and waste? **Y**
- 5. Are records complete and correctly entered? **Y**
- 6. Are health certificates for introductions (outwith GB) available? **N/A**

Transport Records

- 1. Are any movements carried out by (or on behalf) of the business (not using a STB)? **[Redacted]**
- If yes, is there a system in place for maintenance of transportation records? **[Redacted]**

Mortality Records

- 1. Mortality records available for inspection? **Y**
- 2. How are mortalities disposed of? **Ensiled - on site**
- If other detail: **Ensiled waste taken by Fergusons, some waste also taken to White Shore cockles**
- 3. Mortality records complete and correctly entered? **Y**
- 4. Recent mortality (last 4 wks): **w/b 13/01/2020 - 0.57% w/b 20/01/20 (0.45%) w/b 27/01/20 (0.49%) w/b 03/02/20 (0.46%),**
- 5. Evidence of recent increased/atypical mortalities? **N**
- If yes, facility nos/no mortality per facility/no stock per facility/reason:

- 6. Any other peaks in mortality during period checked? **Y**
- If yes, detail: **w/b 18/11/19 - 24,180 (4.63%), w/b 25/11/19 - 14,539 (3.58%), 16/12/19 - 3932 (1.02%), 30/12/19 - 4487 (1.18%). Mortality attributed to gill health issues and anaemia.**
- 7. Have increased (unexplained) mortalities been reported to vet or FHI? **Y**
- If yes, detail action: **Reported to FHI, FHI had attended site in October and taken samples. Site was harvesting during that period.**
- 8. Have 'mortality events' been reported to FHI? If no, add MRT case and enter on mortality events sheet. **Y**

1. Recent treatments (last 4 wks)?	<input type="checkbox"/>	N
If yes, detail:	<input type="text"/>	
If other, detail:	<input type="text"/>	
2. Medicines records available for inspection?	<input type="checkbox"/>	N/A
3. Are records complete and correctly entered?	<input type="checkbox"/>	
4. Are fish in a withdrawal period?	<input type="checkbox"/>	N/A
5. If yes, what treatment(s)?	<input type="text"/>	
If other, detail:	<input type="text"/>	
6. Are medicines stored appropriately?	<input type="checkbox"/>	Y

Biosecurity Records

1. Biosecurity records available for inspection?	<input type="checkbox"/>
2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?	<input type="checkbox"/>
3. Has the manner and period in which the APB will notify Scottish Ministers or veterinary professional of any <i>increased (unexplained)</i> mortality at the site been included?	<input type="checkbox"/>
4. Has the action that will be taken in the event that the presence or suspicion of the presence of a listed disease is detected been included and <i>how</i> and <i>when</i> that will be notified to Scottish Ministers?	<input type="checkbox"/>
5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher health status, certification if required)?	<input type="checkbox"/>
6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to minimise transmission of disease been covered (movement of staff, visitors, equipment, live or dead fish etc.)?	<input type="checkbox"/>
7. Is documentation available regarding the measures in place to maintain the physical containment of aquaculture animals held on site?	<input type="checkbox"/>
8. Have the biosecurity procedures been adequately implemented on site?	<input type="checkbox"/>
If no, detail:	<input type="text"/>

Results of Surveillance

1. Has any animal health surveillance been carried out by, or on behalf of, the business?	<input type="checkbox"/>
2. If yes, are results available for inspection?	<input type="checkbox"/>
3. Any significant results?	<input type="checkbox"/>
If yes, detail (if not detailed under recent disease problems).	<input type="text"/>
<input type="text"/>	

Records checked between:

Case No: 2020-0030 Site No: FS1033

Date of visit: 25/02/2020 Inspector(s):

Point for consideration	Risk level	Satisfactory?	Requirement	Comments and advice given or action taken if necessary
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ENHANCED SEA LICE INSPECTION CHECKLIST

a. Inspection of sea lice records

1.1 Are sea lice count records available for inspection?	Medium	Y	CoGP 1.2.1, 1.2.2, Annex 6	
1.2 Do records adequately reflect the required standard specified in the SSI ¹ and the CoGP ² ? (Counts should be weekly, record the person making the count, date of the count, number of fish sampled (should be 25), pen or facility number recorded, water temperature ³ , number of parasites observed and correct stages recorded ⁴)	Low & Medium	Y	SSI 1,2,	
1.3 Where weekly counts are not conducted is the reason for not conducting the count stated?	Low	N/A	SSI 1,2(g)	
1.4 Is that reason considered acceptable by the Inspector? Give detail.	Low	N/A		
1.5 Has the site experienced sea lice problems in the previous 4 years?		Y	Detail if necessary:	End of last cycle, harvest was accelerated, increase in sea lice numbers along with gill issues.

b. Inspection of records relating to treatment and control of sea lice

2.1 Has appropriate action been taken where: a) <i>L. salmonis</i> record levels have been above the suggested criteria for treatment?	High	Y	CoGP Annex 6	
b) <i>C. elongatus</i> infestation is at a level considered to cause significant welfare problems	High	N/A	CoGP 4.3.81, 5.3.50	
2.2 Is therapeutic treatment initiated ASAP where required?	Medium	Y	CoGP 4.3.130, 5.3.84	
2.3 Where medicines have been administered there should be a record of : the name / identity of the product the date of administration the quantity (concentration and amount) administered the method of administration of the product the identification of the fish / facilities treated name of the person administering the treatment the withdrawal period	High High High High High Low Medium	Y Y Y Y Y Y Y	VMD ¹² 19 SSI 1,3	
2.4 If the medicine is administered by a veterinary surgeon: the name of the veterinary surgeon	High	Y	VMD 18	
name of the product	High	Y		
batch number	High	Y		

Point for consideration	Risk level	Satisfactory?	Requirement	Comments and advice given or action taken if necessary
the date of administration	High	Y		Thermolicer used on site and lumpsuckers were stocked on site
amount administered	High	Y		
identification of fish treated	High	Y		
withdrawal period	Medium	Y		
2.5 Have therapeutic treatments or the actions taken had a significant impact upon the lice levels recorded?	High	Y		
Inspect records to confirm. Significant impact - ≥50% reduction in site average <i>L.salmonis</i> numbers (all stages)				
2.6 If other methods are employed on site to control sea lice and their impact is there a record of:	Low	Y	SSI, 1,4	
the nature and date of the method employed; the identification number of all facilities subjected to the method; the name of the person employing the method				
2.7 Where medicines have been acquired is there a record of:			VMD 19	
proof of purchase of the medicine concerned	Medium	Y	VMD 17	
name of the product	High	Y		
batch number	High	Y		
the date of purchase	Medium	Y		
the quantity purchased	High	Y		
the name and address of the supplier	Medium	Y		
2.8 Where medicines have been disposed is there a record of:			VMD 19	
the date of disposal	Medium	N/A		
the quantity of product involved	Medium	N/A		
how and where it was disposed of	Medium	N/A		
2.9 Are veterinary health plans available which detail bio-security protocols, preventative measures and treatments in relation to sea lice?	Medium	Y	CoGP 4.3.129, 5.3.83	
Consider the following points over a percentage of treatments conducted on site				
2.10 Has the recommended course of treatments been completed?	Medium	Y	CoGP 4.3.134, 5.3.88	
2.11 If not, is there a recorded acceptable reason for not completing treatment?	Medium	N/A	CoGP 4.3.135, 5.3.89	
2.12 Was advice taken from the Veterinary surgeon in such circumstances?	Medium	N/A	CoGP 4.3.135, 5.3.89	
2.13 Are there clear written instructions regarding medicine use, available to those responsible for treatment administration?	Medium	Y	CoGP 4.3.133, 5.3.87	

Point for consideration	Risk level	Satisfactory?	Requirement	Comments and advice given or action taken if necessary
2.14 Does the site have treatment discharge consents relevant to sea lice?		Y	Detail if necessary:	
c. Inspection of records relating to farm management groups and farm management agreements or statements				
3.1 Is there a nominated farmer acting as coordinator and point of contact for this farm or area inclusive of this farm?	Low	Y	SSI 1,5,b CoGP 4.3.75, 5.3.44	No additional measures outside of FMS
3.2 Is there a written undertaking that the farm will observe the provisions of the NTS ⁶ ?	Low	Y	CoGP 4.3.76, 5.3.45	
3.3 Has an area group been formed within the area containing the site?	Medium	Y	CoGP 4.3.77, 5.3.46	
3.4 Does the remit of the area group have appropriate veterinary involvement? Consider: -agreed basis for monitoring sea lice -coordinated monitoring and treatment -co-operation between participating farms This may require follow up investigation conducted off site to determine	Medium	Y	CoGP 4.3.77, 5.3.46 SSI 1,5, c	
3.5 Are records available of any decisions made by the FMG in relation to the prevention, control and reduction of parasites?	Low	N/A	SSI 1, 5, c	
3.6 Where treatments have been administered is this done in accordance with principles to maximise the effectiveness of treatments, promote the minimal use of medicines consistent with the maintenance of high standards of fish welfare and help preserve their efficacy? For example, the principles of ISLM include: Resistance monitoring – reporting suspected adverse drug event (SADE) to the VMD. The steps to determine if resistance is considered a reason for a suspected lack of efficacy (e.g. Bio-assay tests and results, seeking veterinary advice) Appropriate discharge consent in place Use of authorized medicines with veterinary instruction and advice as necessary Monitoring lice numbers Using an array of treatments where possible Treating all stocks on site at the same time Avoiding the simultaneous use of different active ingredients Avoiding consecutive treatments of the same active ingredient, and certainly not on the same cohort of lice Routine removal of moribund fish and regular removal of mortalities.	Medium	Y	4.3.82, 5.3.51	
3.7 Are weekly monitoring results communicated to other farmers within the defined area?	High	Y	CoGP 4.3.78, 5.3.47	

Point for consideration	Risk level	Satisfactory?	Requirement	Comments and advice given or action taken if necessary
3.8 Is this done 'as soon as reasonably possible where lice numbers exceed the suggested criteria for treatment?	High	Y	CoGP 4.3.79, 5.3.48	
3.9 Is sea lice data and other information relevant to the management of sea lice provided to the SSPO?	Low	Y	CoGP 4.3.80, 5.3.49	
3.10 Are annual review meetings held by FMA groups to evaluate site performance against set criteria?	High	Y	CoGP 4.3.83, 5.3.52	
3.11 Is there a signed documented farm management agreement or farm management statement relevant to the site and CoGP Farm Management Area (or equivalent)?		Y	AFSA ¹³ 4A	Only Mowi operate in farm management area
3.12 Are up to date copies of FMS available from other APB operating within the same FMA?	Medium	N/A	Detail if necessary: CoGP 4.3.88, 5.3.57	
3.13 Are significant changes to FMS notified to other companies within the FMA?	Medium	N/A	CoGP 4.3.89, 5.3.58	
3.14 Is there co-operation between APB's operating within the FMA in the development and implementation of FMAg?	Medium	N/A	CoGP 4.3.90, 5.3.59	
3.15 Are copies of FMS or FMAg available for inspection?	Medium	Y	AFSA 4B	
3.16 Does the FMS or FMAg take into account the relevant aspects regarding a sea lice control strategy?	Medium	Y	CoGP 4.3.91, 5.3.60	
3.17 If the FMA has been redefined, is there documented evidence to demonstrate that the risks to health within and outwith the area is not increased by the proposal?	High ¹⁰	N/A	CoGP 4.3.92, 5.3.61	
3.18 Is the CoGP Farm Management Area (or equivalent) followed synchronously on a single year class basis?	High	Y	CoGP 4.3.100	
3.19 If answered no to 3.18, then is there a documented risk assessment which meets the requirements of CoGP point 4.3.101?	High	N/A	CoGP 4.3.101	
d. Inspection of records relating to training and procedures				
4.1 Is there a training programme or plan in place relevant to sea lice control for the site?	High	Y	CoGP 7.1.8	
4.2 Are training records available for relevant staff in relation to:			CoGP 4.1.6, 5.1.6 SSI, 1,1	
parasite identification	High	Y	CoGP 4.3.84-86, 5.3.53-55	
counting parasites (procedures for)	High	Y		
recording counts	High	Y		
biology and life cycle of parasites	Low	Y		
symptoms of parasite infection in fish	Low	Y		
4.3 Have staff been trained in the administration of treatments?	High	Y	CoGP 4.1.6, 5.1.6 CoGP 4.3.84, 5.3.53	

Point for consideration	Risk level	Satisfactory?	Requirement	Comments and advice given or action taken if necessary
N.B. there is no legal requirement to maintain a record of this Where records exist regarding SOPs and site procedures these should be inspected to confirm suitability				
e. Inspection of site and site stock				
5.1 Are medicines used, stored and disposed of safely?	Medium	Y	VMD schedule 5	Site fallow at time of inspection. Section e to be completed during inspection of site when next stocked.
5.2 Do the sea lice levels observed on stocks reflect sea lice count data?	High	N/A		
Refer to section e) of guidance notes				
5.3 Does the site appear satisfactory in terms of fish welfare relating to sea lice infestation?	High	N/A		
f. Inspection of farm count procedures				
6.1 Are pens and fish sampled at random?	Low	N/A	CoGP Annex 6,	Site fallow at time of inspection. Section f to be completed during inspection of site when next stocked.
6.2 Have the personnel conducting counts had appropriate training in lice recognition and recording? (Cross reference to training records – Section d)	High	N/A	4.3.84-86, 5.3.53-55	
6.3 Can such personnel demonstrate post training competence?	High	N/A	CoGP 4.3.85, 5.3.54	
6.4 Do the sample sizes and methods of sampling match the CoGP suggested protocol (detailed iii – vii)? N.B. Other strategies are acceptable if considered adequate in the control and reduction of sea lice	Medium	N/A	Annex 6	
6.5 Is identification and recording of sea lice count information including species and stages observed to be correct? Minimum recording requirements within the CoGP and NTS are: for Caligus elongatus all identifiable stages and for Lepeophtheirus salmonis chalimus, mobiles and adult females (with or without egg strings) ¹¹	High	N/A	Annex 6	
6.6 Is the transfer of data from field counts to records observed to be satisfactory?	Medium	N/A		
g. Inspection of treatment administration procedures				
7.1 Are treatments considered to be administered in an appropriate competent manner? Consider appropriate use of tarpaulins; completion of medication per prescription, correct concentrations, mixing and administrations, appropriate product used	High	N/A		Site fallow at time of inspection. Section f to be completed during inspection of site when next stocked.
7.2 Is accurate information provided to the attending veterinary surgeon for dosage calculation?	High	N/A	CoGP 4.3.131, 5.3.85	

Point for consideration	Risk level	Satisfactory?	Requirement	Comments and advice given or action taken if necessary
7.3 Are the fish under consideration being given any other medication, or are they in a withdrawal period for any other medication?		N/A		
7.4 If so, has the prescribing veterinary surgeon been informed of this?	Medium	N/A	CoGP 4.3.132, 5.3.86	
7.5 Are clear instructions for medication, dosage and administration communicated to the staff responsible for treatment?	High	N/A	CoGP 4.3.133, 5.3.87	

Additional actions	Powers	Comments and advice given or action taken if necessary
h. FHI sea lice counts If necessary conduct a sea lice count in accordance with the protocol of the CoGP. Indicate where this procedure has been done and make a record of results within the comments box	Power granted under the Act – section 3 (2) (a)	
i. Collection of samples If necessary collect samples. Indicate if samples have been taken and detail what those samples are and the purpose of their collection	Power granted under the Act – section 3 (3) (a)	
j. Enforcement Notice. If an enforcement notice has been issued then maintain a copy / duplicate and record detail Guidance on completing the Enforcement Notice	Power granted under the Act – Section 6 (2)	

[1] Scottish Statutory Instrument – The Fish Farming Businesses (Record Keeping) (Scotland) Order 2008

[2] A Code of Good Practice for Scottish Finfish Aquaculture

[3] Water temperature to be measured at the half way point of the depth of the facility containing the fish, or as close to as possible. For SW cage sites one reading per count may be s

[4] Recording requirements:- for *C. elongatus* – all identifiable stages and for *L. salmonis* - mobiles and adult females (with or without egg strings)

[5] Area refers to management area as specified within Part 3 of the industry CoGP or as redefined appropriately

[6] For reference Annex 6 of the CoGP provides the detail of the NTS

[7] FMA = Farm Management Area

[8] FMS = Farm Management Statement

[9] FMAg = Farm Management Agreement

[10] No further action may be required when answering no to this point and yes to 3.18

[11] Legal recording requirements within the SSI stipulate – for *Caligus elongatus*: mobiles; and for *Lepeophtheirus salmonis*: non-gravid mobiles and gravid females.

[12] VMD - The Veterinary Medicines Regulations 2013 (SI 2013 No 2033)

Point for consideration	Risk level	Satisfactory?	Requirement	Comments and advice given or action taken if necessary
[13] AFSA - Aquaculture and Fisheries (Scotland) Act 2007 (as amended)				

Case No: Site No:

Date of visit: Inspector(s):

Point of compliance	Risk level	Satisfactory?	Requirement	Comments and advice given or action taken if necessary
ENHANCED CONTAINMENT INSPECTION (SEAWATER)				
a. Enquiry relating to i) escape incidents and ii) contingency procedures				
1.1. Have escape incidents or events ¹ been experienced on or in the vicinity of the site since the last MSS inspection?		Y		19/12/2019: Fish retrieval system during storm caused abrasion to the base of the net which when divers were recovering went through the base causing a one metre hole which was immediately repaired.
If yes answer 1.2-1.8:				
1.2. Have appropriate reports been made to Scottish Government within 24 hours of discovery?	High	N	AAAH Regs ⁴ 31D,E	FHI notified 20/12/2019 - MSe191219SAL1 stating incident occurred on 19/12/2019.. Inspection of dive records showed incident ocured on 12/12/2019. Amended notification form submitted on 02/03/2020.
1.3. Have these been reported to the SSPO ² and, where in existence, the local DSFB and fisheries trust?	Medium	Y	CoGP 4.4.37, 5.4.17	
1.4. Were methods (if any) used to recover escapees?		N/A		No recapture attempt made as suspected that no fish were lost.
If yes give detail				
1.5 Was the decision to attempt to recapture and the method employed agreed with the local DSFB and FT	Low	N/A	CoGP 4.4.38, 5.4.18	
1.6. Was permission sought from Marine Scotland prior to recapture?	Medium	N/A	CoGP 4.4.38, 5.4.18	
1.7 Were the gill nets deployed in accordance with the permission issued by Marine Scotland?	Low	N/A	CoGP 4.4.38, 5.4.18	
1.8. In light of the escape event, has appropriate action been taken to prevent and minimise the risk of further escapes?	High	Y		Lift up that caused damage brought up and inspected, no signs of damage to liftup which may increase risk of abrasions to net. Lift up resecured in place. Remaining nets and lift ups inspected and made sure they were secured in place.
1.9. Is there a site specific contingency plan in response to failures in containment, aimed at preventing escapes and recovering escaped fish?	High	Y	SSI, 2,9	
b(i). Inspection of records relating to equipment, facilities and the site				

Point of compliance	Risk level	Satisfactory?	Requirement	Comments and advice given or action taken if necessary	
General records			CoGP: 4.4.9, 4.4.14, SSI 2,1		
2.1 With regard to each facility, net, screen and mooring at each site, a record should be maintained of:-					
			Facilities	Moorings	Nets
a) The name of the manufacturer	Low	Y		Y	Y
b) Any special adaptations	Low	N/A		Y	N/A
c) The name of the supplier	Low	Y		Y	Y
d) The date of purchase	Low	Y		Y	Y
e) Each inspection including					
i) the name of the person conducting the inspection	Low	Y		Y	Y
ii) the date of each inspection	Medium	Y		Y	Y
iii) the place of each inspection	Low	Y		Y	Y
iv) the outcome of each inspection	High	Y		Y	Y
f) the date and result of each repair, equipment test and antifouling treatment carried out	High	N/A		Y	Y
2.2. In relation to each net a record of:					
i) The mesh size	Medium	Y		SSI, 2,2	
ii) The code which appears on the identification tag	Medium	Y			
iii) The place of use, storage and disposal	Medium	Y			
iv) The depth of water between the bottom of the net and the seabed as measured at the mean low water spring	Low	Y			
2.3. In relation to each facility a record of:					
i) The date of construction	Low	Y		SSI, 2,3	
ii) The material used in construction	Low	Y			
iii) Its dimensions	Low	Y			
2.4. In relation to each mooring a record of-				SSI, 2,4	
i) The date of installation	Low	Y			
ii) The design and weight of the anchors	Low	Y			
iii) The length of the mooring ropes or chains	Low	Y			
2.5. A record of any navigation markers deployed at each site at which fish are farmed	Low	Y		SSI, 2,5	
2.6 In respect of sites at which fish are farmed in inland waters ³				SSI, 2,6	
a) The type, method of and date of construction of any flood prevention or flood defence measures in place	Low				
b) The date of and results of any tests conducted on any such measures	Low				
c) The date of any incident where the site was flood	Low				

Stored at knox kilbirnie, sites nets currently held there now for servicing.

Point of compliance	Risk level	Satisfactory?	Requirement	Comments and advice given or action taken if necessary
d) The water course height during any such flood incident	Low			
2.6 A record of-			SSI, 2,7	
a) The date of any severe weather event which caused damage to any facility, net or mooring	Medium	Y	SSI, 2,11 (a)	
b) Any action taken to rectify any such damage	High	Y	SSI, 2,11 (b)	Repair to net, in dive records
Pen and mooring systems				
2.7 Are there documented procedures maintained regarding the selection and installation of pens and moorings?	High	Y	CoGP 4.4.8, 4.4.13	environmental team,
2.8 Can the site demonstrate evidence that the design specification of pens and moorings are suitable for purpose and correctly installed?	High	Y	CoGP 4.4.9, 4.4.14	
2.9 Do pen systems meet the manufacturers guidelines?	High	Y	CoGP 4.4.10	
2.10 Are pen systems inspected and approved by suitably qualified / experienced person(s)?	High	Y	CoGP 4.4.11	
2.11 Is there evidence of the competence of personnel involved in the design, installation and maintenance of pen and mooring systems?	High	Y	CoGP 4.4.12, 4.4.15	
2.12 Are pen and mooring components inspected with a) a documented SOP b) a documented inspection plan based on a risk assessment	High	N	CoGP 4.4.16	
2.13 Do all nets used on site meet industry standards?	High	Y	CoGP 4.4.17	
2.14 Can the site demonstrate an awareness of the minimum fish size in relation to net size	High	Y	CoGP 4.4.19	
2.15 Does the net design, quality and standard of manufacture take into account the conditions that are likely to be experienced on site and include adequate safety margins?	High	Y	CoGP 4.4.20	
2.16 Are nets treated with a UV inhibitor?	Low	N	CoGP 4.4.21	
2.17 Are nets tested at a pre-determined frequency?	High	Y	CoGP 4.4.22	
2.18 Is the method of test procedure based upon the manufacturers advice?	High	Y	CoGP 4.4.22	
2.19 Are frequent net inspections conducted to look for damage?	High	Y	CoGP 4.4.23	
2.20 Are net inspection records maintained?	High	Y	CoGP 4.4.23	
2.21 Is the system by which nets are attached to the pen and weighted inspected frequently?	High	Y	CoGP 4.4.24	
2.22 Where damage to nets and/or associated fittings has occurred, or the potential for damage exists, has remedial action been taken?	High	Y	CoGP 4.4.25	

Point of compliance	Risk level	Satisfactory?	Requirement	Comments and advice given or action taken if necessary
b(ii). Inspection of records relating to training				
3.1 Are training programmes and plans relevant to the various onsite activities documented?	High	Y	CoGP 7.1.8	
3.2 Is there a satisfactory record of all training and qualifications for each person working at the site in relation to any boat operations? (This excludes well boat operations)	High	Y	SSI 2,6,a	
3.5 With respect to any transfer of or handling of fish is there a record of all training of each person working on site in relation to containment and prevention of escape of fish, and recovery of escaped fish?	High	Y	SSI 2,7,a	
b(iii). Inspection of records relating to procedures and risk assessments				
4.1 Are procedures which could increase the risk of fish escaping considered to be carefully planned and supervised to minimise risk?	High	Y	CoGP 4.4.29, 5.4.12	
4.2 Before procedures are conducted on site, are the following in place:			CoGP 4.4.30, 5.4.13 SSI 2,7, b , SSI 2, 8, c	
a) a documented risk assessments	High	Y		
b) standard operating procedures	High	Y		
c) contingency plan	High	Y		
4.3 In relation to any boat operations at each site at which fish are farmed is there a record of				
-The type and size of each boat used for operations on the site	Low	Y	SSI 2,6,b	
- The type and size of any propeller guard fitted to each boat used on the site	Low	N/A	SSI 2,6,c	
4.4 Does the site suffer from regular or heavy predation?		N		
4.5 Are there records of site specific risk assessments ascertaining the risk of predator attack?	Medium	Y	CoGP 4.4.26	
4.6 Are there risk assessments undertaken on a pre-determined frequency?	Low	Y	CoGP 4.4.26	
4.7 A record of any anti-predator measures undertaken at each site at which fish are farmed including:			SSI, 2,8,a	
The type and location of each net, fence and scarer deployed	Medium	Y		
- The use of lethal means by any person involved in operations on the site	Low	Y	SSI, 2,8,b	
4.8 Where predator nets are deployed is the advice of Annex 7 considered?	Low	N/A	CoGP 4.4.27	

Point of compliance	Risk level	Satisfactory?	Requirement	Comments and advice given or action taken if necessary
c. Inspection of site and site equipment				
5.1 Are there any obvious containment issues on the site?	High	N/A		Site fallow at time of inspection, unable to asses this point. To be inspected at next inspection when site is stocked.
5.2 Is the net mesh size considered to be capable of containing all fish sizes present on site?	High	N/A	CoGP 4.4.18	Site fallow at time of inspection, unable to asses this point. To be inspected at next inspection when site is stocked.

Point of compliance	Risk level	Satisfactory?	Requirement	Comments and advice given or action taken if necessary
5.3 Do nets carry numbered ID tags?	Low	N/A	SSI 2,2 ii	Site fallow at time of inspection, nets have been removed. Unable to asses this point. To be inspected at next inspection when site is stocked.
Look at a percentage of nets on site - Does the net location meet the inventory?	Low	N/A		Site fallow at time of inspection, nets have been removed. Unable to asses this point. To be inspected at next inspection when site is stocked.
5.4 Are nets stored away from direct sunlight?	Low	Y	CoGP 4.4.21	
5.6 Are appropriate measures in place to mitigate predation on site? (Provide detail if necessary)		N/A		Site fallow at time of inspection, unable to asses this point. To be inspected at next inspection when site is stocked.
5.7 Are boat operations conducted in such a manner which prevents damage to nets and pens?	High	N/A	CoGP 4.4.28	Site fallow at time of inspection, unable to asses this point. To be inspected at next inspection when site is stocked.
5.8 Is there a requirement for navigation markers to be deployed?	Low	Y	MSA ⁵ 2010 P4, S21	
5.9 If yes, has this been done in accordance with the necessary requirements?	Low	Y	MS Marine licence	
5.10 If Yes to 5.8 is there a record of any navigation markers deployed?	Low	Y	SSI 2,5	
d. Inspection of site specific procedures				
6.1 Are pen nets examined for holes, tears or damage prior to and during the stocking, moving or crowding of fish?	High	Y	CoGP 4.4.31	
6.2 If helicopter transfer of fish is conducted are receiving pen(s) properly prepared:-			CoGP 4.4.32	
a) nets should be secure	High	N/A		
b) pens should be marked with buoys clearly visible from the air	High	N/A		
c) radio contact between farm staff and helicopter crew should be maintained or where this is not possible, pens receiving fish should be manned	High	N/A	CoGP 4.4.33	
Consideration should be given to all other site procedures being undertaken during the visit with respect to containment and the risk of fish farm escapes				

Point of compliance	Risk level	Satisfactory?	Requirement	Comments and advice given or action taken if necessary
Additional actions	Powers			Comments and advice given or action taken if necessary
e) Collection of samples If necessary collect samples. Indicate if samples have been taken and detail what those samples are and the purpose of their collection	Power granted under the Act – section 5 (3) (a)			
h) Enforcement Notice. If an enforcement notice has been issued then maintain a copy / duplicate and record detail Guidance on completing the Enforcement Notice	Power granted under the Act – Section 6 (2)			

1 An 'escape event' can be defined as any circumstances on or in the vicinity of a fish farm which are believed to have caused an escape, or which may have given rise to a significant risk of an escape of fish.

2 FHI interpretation – Informing the SSPO is only a requirement where the site belongs to an Authorised Production Business which is signed up to the CoGP.

3 being waters which do not form part of the sea or any creek, bay or estuary or of any river as far as far as the tide flows

4 The Aquatic Animal Health (Scotland) Regulations 2009 (as amended)

5 The Marine Scotland Act 2010

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FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS No	FB0119	DATE OF VISIT	25/02/2020
SITE No	FS1033	SITE NAME	North Shore
INSPECTOR	██████████	CASE No	20200030

ENHANCED SEA LICE INSPECTION

An enhanced sea lice inspection to ascertain the levels of sea lice and for assessing the measures in place for the prevention, control and reduction of sea lice was conducted in accordance with the Aquaculture and Fisheries (Scotland) Act 2007.

The visit consisted of an inspection of records with regards to sea lice, site procedures with regards to sea lice and the provision of advice.

a) Inspection of sea lice records

The site meets the requirement of current Scottish industry best practice. There were no recommendations made and no further action is required.

b) Inspection of records relating to treatment and control of sea lice

The site meets the requirement of current Scottish industry best practice. However, as the site has experienced sea lice problems during previous production cycles, it is advised that a documented review is undertaken, seeking veterinary advice where necessary, of the Integrated Sea Lice Management (ISLM) strategy for farm management area W-3, as defined by the CoGP.

Where possible this should aim to enhance the sea lice management strategy that has been implemented to meet the requirements off the CoGP (Chapter 4, 3.77) and follow the standards associated with A National Treatment Strategy for the Control of Sea Lice on Scottish Salmon Farms, as described in Annex 6 of the CoGP.

c) Inspection of records relating to farm management groups and area management agreements.

The site meets the requirement of current Scottish industry best practice. There were no recommendations made and no further action is required.

d) Inspection of records relating to training and procedures

The site meets the requirement of current Scottish industry best practice. There were no recommendations made or further action required.

e) Inspection of site and site stock

The site was fallow at the time of inspection, as such the points in this section of the inspection could not be assessed.

f) Inspection of farm count procedures

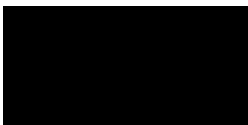
The site was fallow at the time of inspection, as such the points in this section of the inspection could not be assessed.

g) Inspection of treatment administration procedures

The site was fallow at the time of inspection, as such the points in this section of the inspection could not be assessed.

Please do not hesitate to contact myself or the duty inspector should you require any further information or have any queries regarding this report.

Signed



Date: 15/05/2020

Fish Health Inspector

The Fish Health Inspectorate Service Charter detailing standards of service is available on the Marine Scotland website at www.scotland.gov.uk/Topics/marine/Fish-Shellfish/FHI/charter

Scotland's Marine Atlas, an assessment of the condition of Scotland's seas, is available at www.scotland.gov.uk/marineatlas

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FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS No	FB0119	DATE OF VISIT	25/02/2020
SITE No	FS1033	SITE NAME	North Shore
INSPECTOR	██████████	CASE No	20200030

ENHANCED CONTAINMENT INSPECTION

An enhanced inspection to ascertain the risk of escape from the fish farm was conducted in accordance with the Aquaculture and Fisheries (Scotland) Act 2007.

The visit consisted of an inspection of records and the provision of advice.

a) Inspection of i) escape incidents and ii) contingency procedures

Due to the delay in reporting the incident that occurred on 12th December 2019 the following recommendation is made for improvement.

It is recommended that a documented review of escape incident reporting procedures is undertaken. This should identify improvements to ensure that the requirements of regulation 31D and 31E of the Aquatic Animal Health (Scotland) Regulations 2009 (as amended) are complied with and all staff receive training regarding the updated procedure for the reporting of these incidents.

b)i) Inspection of records relating to equipment, facilities and the site

The following recommendation is made for improvement.

It is recommended that in accordance with A Code of Good Practice for Scottish Finfish Aquaculture (CoGP) (Chapter 4, 4.16) pen and mooring components should be inspected in accordance with a documented standard operating procedure and a documented inspection plan which is based on risk assessment.

b)ii) Inspection of records relating to training

The site meets the requirement of current Scottish industry best practice. No recommendations made or further action required

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b)iii) Inspection of records relating to procedures and risk assessments

The site meets the requirement of current Scottish industry best practice. No recommendations made or further action required.

c) Inspection of site and site equipment

Although the site was fallow at the time of inspection, the following recommendation is made for improvement.

It is recommended that a documented review of the procedure(s), risk assessment and contingency plan in place, in accordance with A Code of Good Practice for Scottish Finfish Aquaculture (CoGP) (Chapter 4, 4.29 and 4.30) for the use, deployment and removal of mortality removal systems is undertaken. This should include expert advice and manufacturers guidance to provide improvements that ensure mortality removal systems do not cause damage to pen nets due to chaffing during all environmental conditions experienced at the site. Staff should also be trained in the new procedures which are developed.

d) Inspection of site specific procedures

The site meets the requirement of current Scottish industry best practice. No recommendations made or further action required.

Further Action

The recommendations in this report should be implemented by 14/08/2020. Documentation should be provided as evidence that the recommendations have been implemented. Enforcement action may result if the recommendations are not implemented in the necessary time frame. Records should be sent to Marine Scotland Science's Fish Health Inspectorate (FHI) (contact details are provided below).

Please do not hesitate to contact myself or the duty inspector should you require any further information or have any queries regarding this report.

Signed:



Date: 15/05/2020

Fish Health Inspector

The Fish Health Inspectorate Service Charter detailing standards of service is available on the Marine Scotland website at www.scotland.gov.uk/Topics/marine/Fish-Shellfish/FHI/charter

Scotland's Marine Atlas, an assessment of the condition of Scotland's seas, is available at www.scotland.gov.uk/marineatlas

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Marine Laboratory, 375 Victoria Road, Aberdeen, AB11 9DB
Tel - 0131 244 3498 Fax - 01224 295620 Email - ms.fishhealth@gov.scot
Website - www.gov.scot/Topics/marine/science

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FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS No	FB0119	DATE OF VISIT	25/02/2020
SITE No	FS1033	SITE NAME	North Shore
INSPECTOR	[REDACTED]	CASE No	20200030

Case completion report

Recommendations in relation to the above case were made for implementation by 14/08/2020. Following submission of the required documentation, evidence has now been provided to Marine Scotland to demonstrate that the recommendations have been implemented.

This case will now be closed. This site may be subject to further audit and recommendations in the future.

Please contact myself or the duty inspector should you require any further information or have any queries regarding this report.

Signed:

[REDACTED]

Fish Health Inspector

Date: 01/09/2020

The Fish Health Inspectorate Service Charter detailing standards of service is available on the Marine Scotland website at <https://www.gov.scot/publications/fish-health-inspectorate-service-charter/>

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FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS No	FB0119	DATE OF VISIT	25/02/2020
SITE No	FS1033	SITE NAME	North Shore
INSPECTOR	[REDACTED]	CASE No	20200030

Escape Investigation

The site was inspected following notification of circumstances which gave rise to a significant risk of escape of Atlantic Salmon on 20/12/2020 (Marine Scotland escape incident number MSe191219SAL1)

An enhanced containment inspection was conducted and a report will be issued separately.

All epidemiological units were not inspected as the site was fallow at the time of inspection.

The information required for the public record of aquaculture production businesses regarding this site was verified and where necessary updated. The following records were also inspected to ensure that the conditions of authorisation for your Aquaculture Production Business (APB) are being met:

Aquaculture animal and aquaculture animal product movement records were inspected and appeared to be adequately maintained.

Mortality records were inspected and found to be adequately maintained.

Please contact myself or the duty inspector should you require any further information or have any queries regarding this report.

Signed:

[REDACTED]

Date: 15/05/2020

Fish Health Inspector

The Fish Health Inspectorate Service Charter detailing standards of service is available on the Marine Scotland website at www.gov.scot/Topics/marine/Fish-Shellfish/FHI/charter

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