

Case No: 2019-0092 Date of visit: 19/02/2019

Time spent on site: 0 Main Inspector:

Site No: FS1042 Site Name: Seaforth
Business No: FB0119 Business Name: Mowi Scotland Ltd

Case Types: 1 PSI 2 3 4 5 6

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

Observations: Region: WI Water type: S CoGP MA W-6

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

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

Additional Case Information:

Site has been fallow since Nov 2018. - Looking to restock with fish from Inchmore, Glenfinnan, Loch Arkaig and Lochailort. However some of these fish will be put to sea at Greshornish for 4 weeks first as other East Loch Tarbert sites will still be stocked. Looking to get wrasse for this cycle.

Last cycle of fish had high morts attributed to anaemia. Site was harvest early and fallowed initially in mid June 2018. Site then took in 600,000 fish from other ELT site as there were anaemia issues there and they wished to reduce the stocking density. Increased mortalities were then observed at Seaforth.

SSPO mort figures for site for month of October were; Noster; 8.3%, Seaforth 9.4%. No mort event reported so awaiting more detailed figures. See mort report.

Case Number:	2019-0092	Site No:	FS1042	Insp:		
Date of Visit	19/02/2019	No of movements/supp./dest.			Score	
Live fish movements		0	1-5	6-10	>10	
Movements on (from out with GB) of susceptible species	Frequency of movements on from equivalent MS	0	5	10	14	0
	Frequency of movements on from equivalent zone or compartment including third country	0	9	18	26	
	Number of suppliers	0	5	10	14	
Movements off	Frequency of movements off	0	3	6	10	10
	Number of destinations	0	3	6	10	3
Exposure via water	Site contacts	0	1-5	6-10		
Water contacts with other farms (holding species susceptible to same diseases)	Farm is protected (secure water supply through disinfection or borehole)	0				
	Farm is on-line or in a coastal zone with category I farms upstream or within 1 tidal excursion	1	2	4		2
	Farm is on-line or in a coastal zone with category III farms upstream or within 1 tidal excursion	1	3	6		
	Farm is on-line or in a coastal zone with category V farms upstream or within 1 tidal excursion	1	4	8		
Management practices		None	Secure	Unsecure		
Water contacts with processors	Any processing plant discharging into adjacent waters	0	1	2		0
On farm processing within the rules of the directive	No on farm processing	0				0
	Processing own fish (re-cycling risk)	1				
	Processing fish from MS of equivalent status	2				
	Processing fish from zone or compartment of equivalent status	4				
	Processing fish from Category III farm	8				
	Processing fish from Category V farm	10				
Disposal of fish and fish by-products	Site's own waste only processed.	0				0
	Common processes with other farms	3				
	Collection point for waste from other farms	5				
Use of unpasteurised feeds	No feeding of unpasteurised feed	0				
	Feeding unpasteurised feed	5				
Biosecurity	Number of sites	1	2 or 3	≥ 4		
Contacts with other sites	Sites operating from single shorebase	0	1	2		0
	Sites sharing staff and equipment	0	1	2		
Disinfection of equipment between sites, use of footbaths etc	Yes	0				0
	No	1				
CoGP/Regulator						
Practices in accordance with regulator or industry code of practice	Yes	0				0
	No	3				
Platform access to cages	Yes	0				0
	No	2				
Total Rank					15	LOW

Case No: Site No:

Date of case: Inspector(s):

Business/site contacts correct? (if no update site summary sheet) Y

Site Details

Total No facilities	<input type="text" value="16"/>	No facilities stocked	<input type="text" value="0"/>
Species	<input type="text" value="fallow"/>		
Age group			
No Fish			
Mean Fish Wt			
Next Fallow Date (Site)	<input type="text" value="fallow"/>	Next Input Date (Site)	<input type="text" value="April 2019"/>

Date of last inspection: (ECI or PSI)

Any recent increased or atypical mortalities? (last 4 weeks.)

If yes, detail:
e.g. site average, max per cage

Any increased mortalities? (since last inspection.)

If yes, detail:

How are mortalities disposed of?

If other detail:

Any treatments? (since last inspection)

If yes, detail:

Other:

Any disease on site? (since last inspection)

If yes, detail:

Has any animal health surveillance or diagnostic investigations been carried out by, or on behalf of, the business?

Any significant results?

If yes, detail

Is there a history of sea lice issues at the site in previous 4 years

If yes, detail:

Has site been able to keep lice levels below the recommended lice levels?

If no, detail:

Treatment discharge for sea lice in place?

If yes, detail:

Where sea lice treatments have been administered have they had an effect?

If no, detail:

Is a management area agreement in place?

Does your CoGP Farm management area fallow in synchrony?

Any reported escapes? (check prior to phone call)

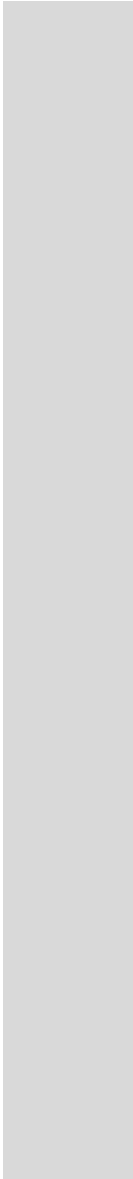
Any escapes? (since last inspection)

If yes, detail:
(include date)

Any significant changes to your biosecurity procedures since previous visit?

N

If yes, detail:



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Mowi Scotland Ltd
Stob Ban House
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FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS No	FB0119	DATE OF CASE	19/02/2019
SITE No	FS1042	SITE NAME	Seaforth
INSPECTOR	██████████	CASE No	20190092

Routine surveillance frequency assessment under the Aquatic Animal Health (Scotland) Regulations 2009

The above site was contacted in accordance with the Aquatic Animal Health (Scotland) Regulations 2009, and to meet the requirements of European Community Council Directive 2006/88/EC.

The information required for the public record of aquaculture production businesses regarding this site was verified and where necessary updated.

The surveillance frequency category of the site was assessed as low. An inspection under the Aquatic Animal Health (Scotland) Regulations 2009 will be conducted every third year. The category of the site will be reassessed on a routine basis and updated as required.

Mortality levels had exceeded the reporting criteria since the last inspection and had not been reported to the Fish Health Inspectorate. I would like to remind you of the industry agreement in relation to mortality reporting as detailed in A Code of Good Practice for Scottish Finfish Aquaculture.

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

Signed: ██████████

Fish Health Inspector

Date: 24/05/2019

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

R26

Case No: 2019-0095 Date of visit: 21/02/2019

Time spent on site: 0 Main Inspector:

Site No: FS1084 Site Name: Isle Ewe
Business No: FB0119 Business Name: Mowi Scotland Ltd

Case Types: 1 PSI 2 3 4 5 6

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

Observations: Region: HI Water type: S CoGP MA M-15

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

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

Additional Case Information:

Q3 2017 cycle morts in Oct 2018 due to plankton insult and gill anaemia. Harvested early and fallowed 2nd wk November. Received current input from Torrison on 17th Dec due to biomass issues at Torrison. Movement between DMA and risk assessment carried out. Fish doing well.

Mortality at site currently 8-10 fish per day. Morts since input in December is 9.9%. Attributed to seal predation in Nov and Dec. Seal shot in January and mort levels have decreased.

Next input planned for April will be from Ireland.

Lumps and wrasse on site currently will be killed at harvest. Harvesting live to Mallaig.

SSPO mort figures for site for month of October were; 9.4%. No mort event reported so awaiting more detailed figures.

Case Number:	2019-0095	Site No:	FS1084	Insp:		
Date of Visit	21/02/2019	No of movements/supp./dest.			Score	
Live fish movements		0	1-5	6-10	>10	
Movements on (from out with GB) of susceptible species	Frequency of movements on from equivalent MS	0	5	10	14	5
	Frequency of movements on from equivalent zone or compartment including third country	0	9	18	26	
	Number of suppliers	0	5	10	14	5
Movements off	Frequency of movements off	0	3	6	10	10
	Number of destinations	0	3	6	10	3
Exposure via water	Site contacts	0	1-5	6-10		
Water contacts with other farms (holding species susceptible to same diseases)	Farm is protected (secure water supply through disinfection or borehole)	0				
	Farm is on-line or in a coastal zone with category I farms upstream or within 1 tidal excursion	1	2	4		1
	Farm is on-line or in a coastal zone with category III farms upstream or within 1 tidal excursion	1	3	6		
	Farm is on-line or in a coastal zone with category V farms upstream or within 1 tidal excursion	1	4	8		
Management practices		None	Secure	Unsecure		
Water contacts with processors	Any processing plant discharging into adjacent waters	0	1	2		0
On farm processing within the rules of the directive	No on farm processing	0				0
	Processing own fish (re-cycling risk)	1				
	Processing fish from MS of equivalent status	2				
	Processing fish from zone or compartment of equivalent status	4				
	Processing fish from Category III farm	8				
	Processing fish from Category V farm	10				
Disposal of fish and fish by-products	Site's own waste only processed.	0				0
	Common processes with other farms	3				
	Collection point for waste from other farms	5				
Use of unpasteurised feeds	No feeding of unpasteurised feed	0				0
	Feeding unpasteurised feed	5				
Biosecurity	Number of sites	1	2 or 3	≥ 4		
Contacts with other sites	Sites operating from single shorebase	0	1	2		0
	Sites sharing staff and equipment	0	1	2		
Disinfection of equipment between sites, use of footbaths etc	Yes	0				0
	No	1				
CoGP/Regulator						
Practices in accordance with regulator or industry code of practice	Yes	0				0
	No	3				
Platform access to cages	Yes	0				0
	No	2				
Total Rank					24	MEDIUM

Case No: Site No:

Date of case: Inspector(s):

Business/site contacts correct? (if no update site summary sheet) Y

Site Details

Total No facilities	<input type="text" value="1"/>	No facilities stocked	<input type="text" value="10"/>
Species	sal	wrasse	lumpsucker
Age group	2017 Q4	adult	adult
No Fish	38,241		
Mean Fish Wt	5.5	mixed	mixed
Next Fallow Date (Site)	<input type="text" value="23/2/19"/>		Next Input Date (Site) <input type="text" value="2nd wk of April"/>

Date of last inspection: (ECI or PSI)

Any recent increased or atypical mortalities? (last 4 weeks.)

If yes, detail:
e.g. site average, max per cage

Any increased mortalities? (since last inspection.)

If yes, detail:

How are mortalities disposed of?

If other detail:

Any treatments? (since last inspection)

If yes, detail:

Other:

Any disease on site? (since last inspection)

If yes, detail:

Has any animal health surveillance or diagnostic investigations been carried out by, or on behalf of, the business?

Any significant results?

If yes, detail

Is there a history of sea lice issues at the site in previous 4 years

If yes, detail:

Has site been able to keep lice levels below the recommended lice levels?

If no, detail:

Treatment discharge for sea lice in place?

If yes, detail:

Where sea lice treatments have been administered have they had an effect?

If no, detail:

Is a management area agreement in place?

Does your CoGP Farm management area fallow in synchrony?

Any reported escapes? (check prior to phone call)

Any escapes? (since last inspection)

If yes, detail:
(include date)

Any significant changes to your biosecurity procedures since previous visit?

N

If yes, detail:

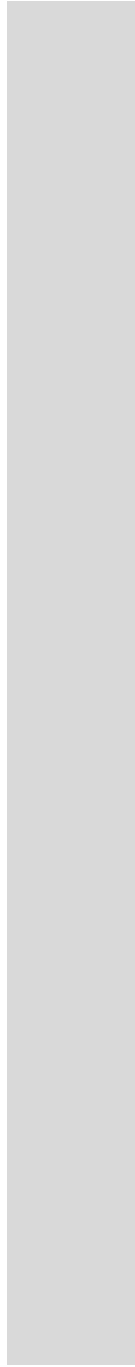
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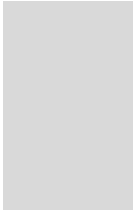
Case No: 2019-0095 Site No: FS1084 Date of visit: 21/02/2019

Start date:	End date: (if applicable)	Size of fish:	Average weight of affected population:	Species:	Yearclass:	Timescale	Mortality rate recorded(%):	Explained/unexplained:	If explained, select reason(s):
20/08/18	26/08/2018	≥750g	Not provided	SAL	2017 Q3	Weekly	1.06	Explained	Anaemia and plankton in
17/09/18	23/09/2018	≥750g	Not provided	SAL	2017 Q3	Weekly	1.36	Explained	Anaemia and plankton in
22/10/18	28/10/2018	≥750g	Not provided	SAL	2017 Q3	Weekly	3.38	Explained	Anaemia and plankton in
05/11/18	11/11/2018	≥750g	Not provided	SAL	2017 Q3	Weekly	3.20	Explained	Anaemia and plankton insult
12/11/18	18/11/2018	≥750g	Not provided	SAL	2017 Q3	Weekly	2.40	Explained	Anaemia and plankton insult

Click to select
(ensure in co

If unexplained, select observations:	Total mortality during event (if available):	Additional information (e.g. action taken by company):	Action taken by FHI (include case no where applicable):
ct reason(s) orrect cell)	2452	Early harvest. Fallow by 2nd Nov 2018.	Historic report. Highlighted by October 2018 SSPO mort figures. Site fallowed in Nov 2018. Restocked on 17th December and mort levels for this cycle are below the reporting threshold.
	3057	Early harvest. Fallow by 2nd Nov 2018.	Historic report. Highlighted by October 2018 SSPO mort figures. Site fallowed in Nov 2018. Restocked on 17th December and mort levels for this cycle are below the reporting threshold.
	7382	Early harvest. Fallow by 2nd Nov 2018.	Historic report. Highlighted by October 2018 SSPO mort figures. Site fallowed in Nov 2018. Restocked on 17th December and mort levels for this cycle are below the reporting threshold.
	6679	Early harvest. Fallow by 2nd Nov 2018.	Historic report. Highlighted by October 2018 SSPO mort figures. Site fallowed in Nov 2018. Restocked on 17th December and mort levels for this cycle are below the reporting threshold.
	4852	Early harvest. Fallow by 2nd Nov 2018.	Historic report. Highlighted by October 2018 SSPO mort figures. Site fallowed in Nov 2018. Restocked on 17th December and mort levels for this cycle are below the reporting threshold.





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FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS No	FB0119	DATE OF CASE	21/02/2019
SITE No	FS1084	SITE NAME	Isle Ewe
INSPECTOR	██████████	CASE No	20190095

Routine surveillance frequency assessment under the Aquatic Animal Health (Scotland) Regulations 2009

The above site was contacted in accordance with the Aquatic Animal Health (Scotland) Regulations 2009, and to meet the requirements of European Community Council Directive 2006/88/EC.

The information required for the public record of aquaculture production businesses regarding this site was verified and where necessary updated.

The surveillance frequency category of the site was assessed as medium. An inspection under the Aquatic Animal Health (Scotland) Regulations 2009 will be conducted every second year. The category of the site will be reassessed on a routine basis and updated as required.

Mortality levels had exceeded the reporting criteria since the last inspection and had not been reported to the Fish Health Inspectorate. I would like to remind you of the industry agreement in relation to mortality reporting as detailed in A Code of Good Practice for Scottish Finfish Aquaculture.

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

Signed: ██████████

Date: 24/05/2019

Fish Health Inspector

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