

MARINE SCOTLAND - SCIENCE RECORD SHEET	FHI 001	Page 1 of 1
	Issue No	21.00
Case Sheet (FHI)	Issued By	Sonia Duguid
	Date of this Issue:	11/11/2010

Case No: 20120440424 Inspector(s): ANM Date of Visit: 25/7/12
 Logged in by: ANM Time on site: 3 hrs Date of Receipt: 2/8/12

Site No: FS0056 Site Name: Ardmair
 Bus No: FB0447 Business Name: Wester Ross Fisheries Ltd

Orders: IDN/CDN/DAO YES NO Date: / / Agent(s)

Case type(s) eg ECI, DIA: ECI, CNI, SLI, VMD
 Reason for visit: Routine Inspection

Water Temp (°C): 13.0 Thermometer No: T194 FHI 045 completed

Samples taken (tick):	Virology	<input type="checkbox"/>	P	Bact.	<input type="checkbox"/>	P	Histo.	<input type="checkbox"/>	P	Parasitology	<input type="checkbox"/>	P
	PCR	<input type="checkbox"/>	P	IFAT	<input type="checkbox"/>	P	VMD	<input checked="" type="checkbox"/>		Other (specify)	<input type="checkbox"/>	

Observations (continue overleaf if necessary):

Dead/weak/abnormally behaving fish present? (tick) YES NO - If yes, number -
 Clinical signs of disease observed? (tick) YES NO - If yes, detail below or on clinical score sheet
 Gross pathology observed? (tick) YES NO - If yes, detail below or on clinical score sheet

- No dead, moribund or lethargic fish observed
- ANM Plan to remove wooden cage group and have one large steel group on site.
- Site will be re-stocked with SO's (Oct/Nov 2012)
- Site also fitted with Ardmair ADD's.
- 1 cage on wooden group stock (to be harvested), 6 cages on steel group to be harvested.

FHI 031 and FHI 050 checked and issues raised accepted by site representative (signature of site rep)

Case Book updated	<u>3/8/12</u>	Insp	<u>ANM</u>	Continued overleaf? Yes (No) (delete)	
Schedule updated	<u>2/8/12</u>	Insp	<u>ANM</u>	Risk cat. updated	<u>N/A</u>
Aquadat input	<u>2/8/12</u>	Insp	<u>ANM</u>	Case reviewed	<u>29/08/12</u>
Inspection Report Summary				Report Date	<u>29/8/12</u>
<u>ECI, CNI, SLI, VMD</u>				Insp	<u>ANM</u>
				2 nd Insp	<u>ASL</u>

MARINE SCOTLAND - SCIENCE RECORD SHEET	FHI 031	Page 1 of 2
	Issue No	7.00
Site Records Sheet	Issued By	Sonia Duguid
	Date of this Issue:	12/11/2010

Case No: 20120424 Site No: FS0056 Site Name: ARDMAIR

Date of Visit: 25/7/12 Inspector(s): PMVM

Registration/Authorisation Details

1. Business/site details summary checked by site representative?	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>
2. Changes made to details?	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>

Site Details

Total No facilities	<u>60</u>	No facilities stocked	<u>7</u>	No facilities inspected	<u>60</u>
Type of facilities	<u>12 x 15m steel squares</u>		<u>48 x 12m wooden squares</u>		
Species	<u>A-SAL</u>				
Age group	<u>2010 50's</u>				
No Fish	<u>23,500</u>				
Mean Fish Wt	<u>4.4kg</u>				
Next Fallow Date (Site)	<u>SUMMER 2012</u>		Next Input Date (Site)	<u>AUTUMN 2012</u>	
Recent (last 4 wks) disease problems? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> Any escapes (since last visit)? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> If yes detail below or overleaf.					

Movement Records

1. Movement records available for inspection?	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>
2. Date of last inspection:	<u>2/8/11 PMVM</u>	
3. Are records complete and correctly entered?	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/> N/A <input type="checkbox"/>
4. Are health certificates for introductions (outwith GB) available?	YES <input type="checkbox"/>	NO <input type="checkbox"/> N/A <input checked="" type="checkbox"/>

Transport Records

1. Are any movements carried out by (or on behalf) of the business (not using a STB)?	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
If yes, are transportation records available for inspection?	YES <input type="checkbox"/>	NO <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
If yes, are transportation records complete and correctly entered?	YES <input type="checkbox"/>	NO <input type="checkbox"/> N/A <input checked="" type="checkbox"/>

Mortality Records

1. Mortality records available for inspection?	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>
2. Mortality records complete and correctly entered?	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/> N/A <input type="checkbox"/>
3. Recent mortality (last 4 wks): <u>282 for site for previous 4 weeks, 1st seal predation, runt, net damage,</u>		
4. Evidence of recent increased/atypical mortalities?	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
If yes, facility nos/no mortality per facility/no stock per facility/reason: <u>MAY SITE 613 seal predation.</u>		
5. Any other peaks in mortality during period checked? <u>PMVM</u>	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>
If yes, detail:		
6. Have increased mortalities been reported to vet or FHI?	YES <input type="checkbox"/>	NO <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
If yes, detail action:		

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Treatments and Medicines Records

1. Recent treatments (last 4 wks)? If yes, detail below	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>
H ₂ O ₂ 9-10 th JULY		
2. Medicines Records available for inspection?	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/> N/A <input type="checkbox"/>
3. Are records complete and correctly entered?	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/> N/A <input type="checkbox"/>
4. Are fish in a withdrawal period?	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/> N/A <input type="checkbox"/>

Biosecurity Records

1. Has the manner and frequency of mortality removal, recording and safe disposal been considered?	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>
2. Has the manner and period in which the APB will notify Scottish Ministers or veterinary professional of any <i>increased</i> or <i>unexplained</i> mortality at the site been included?	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>
3. 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?	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>
4. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher health status, certification if required)?	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>
5. 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.)?	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>
6. Is documentation available regarding the measures in place to maintain the physical containment of aquaculture animals held on site?	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>
7. Have the biosecurity procedures been adequately implemented on site? If no, detail:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>

Results of Surveillance

1. Has any animal health surveillance been carried out by, or on behalf of, the business?	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
2. If yes, are results available for inspection?	YES <input type="checkbox"/>	NO <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
3. Any significant results? If yes, detail (if not detailed under recent disease problems).	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>

Issues Raised with Site Representative

Records checked between: 2/8/11 → 25/7/12.

Records received/not received (date/initials):

Fisheries Research Services RECORD SHEET	FHI 050	Page 1 of 2
	Issue No	2.00
Sea Lice and Containment Inspection Checklist	Issued By	Sonia Duguid
	Date of this Issue:	02/03/2011

Case No: Site No: ⁰⁰⁵⁶ Site Name:

Date of Visit: Inspector:

Records checked between: Start Date: Aug 11 Finish Date: JULY 12

Sea Lice Inspection (Seawater Sites Only)

1. Has the site experienced sea lice problems in the previous 4 years?	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	N/A <input type="checkbox"/>
2. Is the CoGP Farm Management Area (or equivalent) followed synchronously?	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	N/A <input type="checkbox"/>
3. Does the site have treatment discharge consents relevant to sea lice?	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	N/A <input type="checkbox"/>
4. Is there a signed documented farm management agreement relevant to the site and CoGP Farm Management Area (or equivalent)?	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	N/A <input type="checkbox"/>
5. Are sea lice count records available for inspection? (Legal SSI ¹ , CoGP 3.4.3.7 vi)	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	N/A <input type="checkbox"/>
6. Do records adequately reflect the required standard specified in the SSI and the CoGP? (Legal SSI, CoGP 3.4.3.7)	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	N/A <input type="checkbox"/>
7. Are sea lice (<i>L. salmonis</i>) record levels below the suggested threshold in the CoGP during the period that records are inspected? <i>(0.5 adult females (Ls) Feb to June, 1 adult females (Ls) July to January)</i>	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
8. Is <i>C. elongatus</i> infestation at a level which is considered to cause significant welfare problems?	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
9. Have therapeutic treatments been administered when lice levels <i>L. salmonis</i> have exceeded the trigger level or where <i>C. elongatus</i> is considered to have welfare implications? (CoGP 3.4.3.8 – should, NB lice level triggers are suggested)	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	N/A <input type="checkbox"/>
10. Has any other action been taken? (Other action may include evidence of veterinary advice or consultation – which may not advise, recommend or allow treatment. FHI should inspect documentation where this exists)	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
11. Have therapeutic treatments or the actions taken had a significant impact upon the lice levels recorded? (Analysis of records required)	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	N/A <input type="checkbox"/>
12. Are treatments, where conducted, carried out in cooperation between participating farms? (This may require follow up investigation conducted off site to determine)	YES <input type="checkbox"/>	NO <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
13. Does the stock on site appear satisfactory in relation to sea lice level and sea lice count data	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	N/A <input type="checkbox"/>

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

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	Issue No	2.00
Sea Lice and Containment Inspection Checklist	Issued By	Sonia Duguid
	Date of this Issue:	02/03/2011

Containment Inspection

1. Does the site suffer from regular or heavy predation?	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	
2. Are appropriate measures in place to mitigate predation on site? (Detail below) <i>top nets, ADD's</i>	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	
3. Have escape incidents or events ² been experienced on or in the vicinity of the site since the last FHI inspection? If Yes proceed with questions 4 – 10. If No skip to question 11	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
4. Have these been reported to Scottish Ministers? (Requirement of authorisation; Code of Good Practice (CoGP) – Must – 4.9.7.2)	YES <input type="checkbox"/>	NO <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
5. Have these been reported to local DSFB within 24 hours (where they exist)? (CoGP – Must – 4.9.7.3)	YES <input type="checkbox"/>	NO <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
6. Have these been reported to the local fisheries trusts within 24 hours (where they exist)? (CoGP – Must – 4.9.7.3) (If necessary contact with the DSFB and Fisheries trusts can be made to establish this)	YES <input type="checkbox"/>	NO <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
7. Were methods (if any) used to recover escapees? If yes give detail	YES <input type="checkbox"/>	NO <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
8. If gill nets were deployed was this action agreed with local wild fish interests and was permission given by Scottish Ministers? (Legal CoGP – 4.9.7.1)	YES <input type="checkbox"/>	NO <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
9. What action was taken to prevent and minimise the risk of further escapes? (Not covered in code but could be considered under satisfactory measures of the Act)	YES <input type="checkbox"/>	NO <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
10. Are records of escape incidents available where applicable in accordance with the CoGP 4.9.6.3?	YES <input type="checkbox"/>	NO <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
11. Is the site inspected as satisfactory with regards to containment? If no, please detail reason(s)	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	N/A <input type="checkbox"/>

Issues Raised with Site Representative

² 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 give rise to a significant risk of an escape of fish.

MARINE SCOTLAND - SCIENCE RECORD SHEET	FHI 005	Page 1 of 2
	Issue No	21.00
Field Samples Sheet	Issued By	Sonia Duguid
	Date of this Issue:	06/08/2010

Case No: 201204274 Site no: PS0056 Site name: ARDMAVR

Date of visit: 25/7/12 Time sampling started (use 24hr clock) 15:30

Environmental conditions indoors dry wet windy calm sunny cloudy

Sample details

Fish No	Pool No	Species	Average age/wt (g/kg)	Sex (M/F)	SW/FW	Origin	Facility No
1	/	ASAL	2010 50's	/	SW	MIGDALE MERLAND	A65
2	/	↓	↓	/	↓	↓	A95

Continuation sheets used (Y/N): N State number of continuation sheets used: N/A

Analysis required and time distributed

Molecular Genetics (Fish/Pool nos, eg 1-6)			Bacteriology (Fish/Pool nos, specify)				
ISA/SAV (specify)	BKD	Other (Specify)	TSA	TSA + NaCl	A&O	MHCA	SRS ELISA

Histopathology			Immunology & Infection		VMD
General (Fish nos)	BON/MAR (No of OED)	Gyrodactylus (Fish nos)	ISA IFAT (Fish nos)	Other (Specify)	No of Samples
					X7
					19/00

Virology (Fish/Pool nos, eg 1-6)				Other (Specify)
ISA	VHS/IHN	BKD ELISA	Other (Specify)	Fish/Pool nos (Specify)

Condition of samples on receipt (initial appropriate box):

Satisfactory PMW Not satisfactory (Complete FHI 002)

Labs informed of sample arrival N/A

Risk Based Surveillance Risk Assessment Form (Fish)

Case Number:	20120424		Site No:	PS056		Insp:	AMW	
			No of movments/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			
	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	3		
	Number of destinations	0	3	6	10	3		
Exposure via water			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 (effluent treatment)	Unsecure (no effluent treatment)			
Water contacts with processors	Any processing plant discharging into adjacent waters (upstream in river or within management area in coastal waters)	0	1	2				
On farm processing within the rules of the directive	No on farm processing	0						
	Processing own fish (re-cycling risk)	1			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 (e.g. common disposal point, common waste collection service, divers with shared equipment)	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	0			
Disinfection of equipment between sites, use of footbaths etc	Yes	0			0			
	No	1						
Compliance								
History of non compliance with regulator or Industry code of practice	Compliant	0			0			
	Non-Compliant	3						
FHI non-compliant	Compliant	0			0			
	Non-Compliant	2						
						Total	9	

Low