

Audit Announcement (Form 3)

Please note that all data entered in this audit announcement sheet will be automatically populated to the specific fields in the sheets of the audit report itself. StetID(s) is/are provided by ASC in the confirmation email of the publication of this Form 3.

1. General, client/CAB information

- | | | |
|---|---|---|
| 1.1 | Document type | Final Report |
| 1.2 | Document language | English |
| 1.3 | Second document language | English |
| 1.4 | Unit of certification type | Single Unit |
| 1.4.1 | Company name | Mowat Scotland Ltd |
| 1.4.2 | UoC Name | Cranston |
| 1.5 | Country where UoC is located | United Kingdom of Great Britain and Northern Ireland, The |
| 1.6 | ASX Standard | Salmon |
| 1.7 | Standard version | 1.3 |
| 1.8 | Certification process is subject to CAR version | 2.2 |
| 1.9 | Name of the Conformity assessment body (CAB) | Arcora Marine (UK) Ltd's Register |
| Client contact person - from the UoC | | |
| 1.15 | First name | Sam |
| 1.16 | Surname | Clegg |
| 1.17 | Position in the UoC (job title) | Certification Manager |
| 1.18 | Email address | sam.clegg@mowat.com |
| 1.19 | Phone number | N/A |
| 1.20 | Other means of contact e.g. Skype | N/A |

2. Audit information

- | ASC standard/principles covered by the audit | | ASC standard/principles | | |
|--|---|---------------------------|-------|--|
| 2.1.1 | Principle 1 | Covered | | |
| 2.1.2 | Principle 2 | Covered | | |
| 2.1.3 | Principle 3 | Covered | | |
| 2.1.4 | Principle 4 | Covered | | |
| 2.1.5 | Principle 5 | Covered | | |
| 2.1.6 | Principle 6 | Covered | | |
| 2.1.7 | Principle 7 | Covered | | |
| 2.1.8 | Principle 8 | Covered | | |
| 2.2 | Activities covered under the scope of the certification and under the scope of the audits | | | |
| | Activities in the table apply to final product only. | | | |
| Activity | Under scope of certification | Under Scope of this audit | Notes | |
| 2.2.1 Breeding | Covered | Covered | N/A | |
| 2.2.2 Rearing | Covered | Covered | N/A | |
| 2.2.3 Weaning Out | Covered | Covered | N/A | |
| 2.2.4 Weanling | Covered | Covered | N/A | |
| 2.2.5 Weaned | Covered | Covered | N/A | |
| 2.2.6 Vaccination | Covered | Covered | N/A | |
| 2.2.7 Fattening | Covered | Covered | N/A | |
| 2.2.8 Transportation | Covered | Covered | N/A | |
| 2.2.9 Storage (if present at farm) | Not Covered | Not Covered | N/A | |
| 2.2.10 Processing (if present at farm) | Not Covered | Not Covered | N/A | |
| 2.2.11 Feeding (if present at farm) | Not Covered | Not Covered | N/A | |
| 2.2.12 Other (Please describe) | Not Covered | Not Covered | N/A | |
| 2.3 Certification cycle | 1 | | | |
| 2.4 Audit type | Initial audits | | | |
| 2.5 Audit number in certification cycle | 1 | | | |
| 2.6 Will harvesting be witnessed during audit? | No | | | |
| 2.6.1 If harvest is NOT witnessed, please justify: | Harvest methodology and procedure is the same for all MOWI Scotland production facilities. It was recently witnessed at MOWI Galena Da West pen 9 | | | |
| 2.7 Audit conducted (On-site/Remote) | On-site | | | |

Please indicate the hours assigned to the different audit activities in the table below, separated by the hours spend on the activities by the environmental- and social auditor(s)

2.8	2.9	2.10
Time assigned to audit activities	Social Auditor(s)	Environmental auditor(s)
Off-site activities	20	44
On-site activities	36	36
Total man days	7	10

Audit team and other involved persons
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[illegible]

3. Site information

3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9	3.10	3.11	3.12
Site name	Ownership	Primary culture species	Cycle duration	Latitude (N, S) [to 00000000]	Longitude (E, W) [to 00000000]	Production systems*	Number of production units	Start date of audit	End date of audit	
Greennan	Owened	Atlantic salmon (<i>Salmo salar</i>)	Long-cycle species (>6 months)	57.667480	-7.038501	Cages	14	22 November 2021	26 November 2022	

4. Stakeholder engagement

[illegible]

1. General, client/CAB information

1.1 Document Type	Final Report
1.2 Document language	English
1.3 Second document language	English
1.4 Unit of certification type	Single Site
1.4.1 Company name	Mowi Scotland Ltd
1.4.2 UoC name	Greanem
1.5 Country where UoC is located	United Kingdom of Great Britain and Northern Ireland, The
1.6 ASC Standard	Salmon
1.7 Standard version	1.3
1.8 Certification process is subject to CAR version	2.2
1.9 Name of the Conformity assessment body (CAB)	Acoura Marine t/a Lloyd's Register
Client contact person - from the UoC	
1.15 First name	Sam
1.16 Surname	Clegg
1.17 Position in the UoC (Job title)	Certification Manager
1.18 Email address	sam.clegg@mowi.com
1.19 Phone number	N/A
1.20 Other means of contact e.g. Skype	N/A

2. Audit Information

Include the dates for publication of the announcement and draft reports **before each respective submission**.

2.1	Date - Audit announcement published on ASC website	21 September 2021	
2.2	Date - Draft report published on ASC website	01 April 2022	
2.3	Date - Final report submitted to ASC	13 April 2022	
2.4	Audit ID	A0005497	
2.5	ASC standard principles covered by the audit	Principle 1	Covered
2.5.1		Principle 2	Covered
2.5.2		Principle 3	Covered
2.5.3		Principle 4	Covered
2.5.4		Principle 5	Covered
2.5.5		Principle 6	Covered
2.5.6		Principle 7	Covered
2.5.7		Principle 8	Covered

2.6	Activities covered under the scope of the certification and under the scope of the audit. <i>Activities in the table apply to final product only.</i>	Activity	Under scope of certification	Under Scope of this audit	Notes
		2.6.1 Stocking	Covered	Covered	
		2.6.2 Nursing	Covered	Covered	
		2.6.3 Growing Out	Covered	Covered	
		2.6.4 Transferring	Covered	Covered	
		2.6.5 Harvest	Covered	Covered	
		2.6.6 Vaccination	Covered	Covered	
		2.6.7 Fallowing	Covered	Covered	
		2.6.8 Transportation	Covered	Covered	
		2.6.9 Storage (if present at farm)	Not Covered	Not Covered	
		2.6.10 Processing (if present at farm)	Not Covered	Not Covered	
		2.6.11 Packing (if present at farm)	Not Covered	Not Covered	
		2.6.12 Other (Please describe)	Not Covered	Not Covered	

2.7	Certification cycle	1
2.8	Audit type	Initial audit
2.9	Audit number in certification cycle	1
2.10	Will harvesting be witnessed during audit?	No
2.10.1	If harvest is NOT witnessed, please justify:	Harvest methodology and procedure is the same for all MOWI
2.11	Audit conducted (On-site/Remote):	On-site

Please indicate the hours assigned to the different audit activities in the table below, separated by the hours spend on the activities by the environmental- and social auditor(s):

2.12.1	2.12.2	2.12.3
Time assigned to audit activities	Social Auditor(s)	Environmental auditor(s)
Off-site activities	20	44
On-site activities	36	36
Total man days	7	10

Audit team and other involved persons

2.13 Surname	2.14 First name	2.15 Role	2.16 Expertise needed for the audit (required for technical experts only)	2.17 Person on-site or remote?
Llorente	Jose	Audit team leader	n/a	On-site
Parsons	Peter	Social Auditor	n/a	On-site
Cabeiro	Fidel	Trainee	n/a	On-site
Macintyre	Paul	Technical reviewer	n/a	Remote

3. Site information

List all sites here, that are included in the certificate.

GIS, polygon data and map on site level
validated by auditor?

3.1	3.2	3.3	3.4	3.5	3.13	3.14	3.15	3.16	3.17	3.18	3.19	3.20	3.21	3.22	3.22.1	3.22.2	3.23	3.23.1	3.24	3.25	3.26	3.26.1	3.27	3.28	3.29	3.30	3.31	3.32
Site ID - provided by ASC with publication confirmation of audit announcement	Site name	Ownership	Primary culture species	Secondary species (choose multiple species as relevant)	Latitude (N, S) (00.000000)*	Longitude (E, W) (00.000000)*	Production system	Number of production units	Production type	Production method	Date of inclusion into the UoC (for scope extension/group/multi-site)	Start date of audit	End date of audit	First date of juvenile stocking for the current production cycle	Estimated number of months post audit to peak biomass/ first harvest	Stomps at the time of the current audit	List of other certificates (choose multiple options as relevant)	List of other certificates: If 3.23 is "Other", please list the certificates.	Is the site partially certified?	If partially certified, which part is not in the UoC and why?	The volumes indicated in the fields 3.27-3.30 apply to the following <u>full</u> calendar year:	Type of volumes indicated in 3.27-3.30	ASC-certified production volume (in Kg)	non-ASC-certified production volume (in Kg)	Quantified as sold as ASC-certified Volume (in Kg)	Quantified as sold as non-ASC-certified Volume (in Kg)	For Bivalve/Abalone: Volumes indicate in 3.27 - 3.30 are given in five weight equivalent or volume without shell	Notes/ Other information
50003887	Greanem	Owned	Atlantic salmon (<i>Salmo salar</i>)		57.667480	-7.058501	Cages	14.000000	44522.000000					06-Apr-21	1	On-growing (<75% biomass)	GlobalGAP		No		2022	Estimated volume	250000					

4. Harvest witnessing

4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8
Site ID - provided by ASC with publication confirmation of audit announcement.	Site name	Date of witnessed harvest:	Production unit ID:	Volume harvested (in Kg):	Average weight of animals (in g)	Partial harvest / full harvest:	Note/ Other information
S0003887							

This table collects all the information relevant to stakeholders consulted during the audit process. Each stakeholder should be entered into a separate row, even where from the same company/organization

[illegible]

6. Social Requirements

IMPORTANT NOTE This sheet, containing the social data, will be made publicly available. Some parts (2 and 3) of the social requirements are included in the confidential Annex-3, and will not be made publicly available. Please complete both sheets. This information is ideally prepared for desk review, prior to the audit. If this is not the case, the sheets are required to be filled out in the draft- and final audit report.

Date of review

1 Client's Information

Please note that a lot of fields in this sheet contain data restrictions, where ONLY a number can be entered.

6.1 Means of transportation between office and site(s) and between sites within UoC																			
6.1.1 Estimated travel time between office and site(s) and between sites within UoC																			
6.2 Number of complaints received from stakeholders over past 12 months																			
6.3 Number of resolved complaints																			
6.4 Average time to resolve complaints (days)																			
6.5 Last Social Impacts Assessment (SIA) conducted in (year)																			
6.6 Name of nearby communities, Indigenous or not and the distance of the UoC to the nearest neighbouring community/-es or neighbours (in km)	<table><tr><th>Name of nearby community</th><th>Indigenous</th><th>Distance of the UoC to the nearest neighbouring community/-es or neighbours (in km)</th></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr></table>	Name of nearby community	Indigenous	Distance of the UoC to the nearest neighbouring community/-es or neighbours (in km)															
Name of nearby community	Indigenous	Distance of the UoC to the nearest neighbouring community/-es or neighbours (in km)																	

6.7 Social audits performed at UoC	Standard	Certified since (Date)	Certified until (Date)	Date of last audit (Date)	Evaluation result
	SABO00				
	BSCI	N/A	N/A		
	SMETA	N/A	N/A		
	ISO 45000				
	ASC				
	Others (specify)				

6.8 Subcontractors	Name of subcontractors	Place of work	Areas of work/processes

4 List of documents submitted by UoC

Only copies of listed documents are submitted to the CAB.

Unit of Certification (UoC)																																
6.9	Map/layout of UoC																															
6.10	List of sites/farms if multi-site or group																															
6.11	List of applicable laws and regulations, year of release, authority																															
6.12	Agreement with adjacent community/ies, if any																															
6.13	Social Impacts Assessment report																															
6.14	List of subcontractors, if any, including their services, addresses																															
6.15	Agreement with labour contracts, if any																															
6.16	List of workers, their age, type of work (full/part time), nationality/-ies, shift and accommodation (if applicable)																															
Management system																																
6.17	Relevant policies and procedures:	<table><tr><th>Exist</th><th>Policy</th><th>Procedure</th></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr></table>	Exist	Policy	Procedure																											
Exist	Policy	Procedure																														
	Workers training																															
	Grievance mechanism																															
	Non-discrimination																															
	Child and young labour																															
	Forced, bonded labour																															
	Health and safety risk assessment																															
	Age-verification																															
	Fire prevention																															
6.18	Certificate of compliance to other social standard																															
6.19	Latest audit report of the other social standard																															
6.20	Organisational chart of UoC																															
6.21	Job descriptions for workers for different functions																															
6.22	Product flow within UoC																															
ASC Audit																																
6.23	Filled out audit preparation checklist(s)																															
6.24	Previous ASC audit report																															
6.25	Evidence of implementation of corrective actions for NCs																															
Other records																																
6.26	Collective bargaining agreement, if exists																															
6.27	Accidents log and their status																															
6.28	Last inspection report related to workplace H&S																															
6.29	Minutes of the last workers' meeting																															
6.30	Minutes of health and safety meeting																															
6.31	Basic need wage calculation																															
6.32	List of chemicals used within UoC																															
6.33	Last inspection report of the housing provided to workers																															
6.34	Overtime calculation																															
6.35	Training records for workers on social related issues																															
6.36	Other (Please describe here)																															

5 CAB diligence

	ASC social audits	Other social audits		
6.37 Number of social audits performed by the auditor in this country				
6.38 Applicable laws and regulations				
6.39 Required information and documents fully submitted	Information/ documents fully submitted	Missing information and documents	Next steps	Status
6.40 Topics/issues needing further research before on-site audit				
6.41 CAB's diligence to obtain additional information about the UoC	Topics	Means of research	Rationale	Outcome
6.42 Changes since last audit				

Please note that auditor training on form traceability is also covered in the MIC form traceability module.

4. Publishing information on testing and results, including, as an optional practice, the following information:

- a. **Information on the testing process, including:**
 - i. **Information on the testing process, including:**
 - 1. The number of tests used to generate the results included in the report and the number of tests used to generate the results included in the report.
 - 2. The number of tests used to generate the results included in the report and the number of tests used to generate the results included in the report.
- b. **Information on the testing process, including:**
 - i. **Information on the testing process, including:**
 - 1. The number of tests used to generate the results included in the report and the number of tests used to generate the results included in the report.
 - 2. The number of tests used to generate the results included in the report and the number of tests used to generate the results included in the report.

<p>Please describe the activities within the site:</p> <p>The fish held at the Mtor Drive Marine Channel site will be covered by ASC Certification if confirmed. These fish are live-quit at site, harvested at Mtor and then transported to the Mtor Mtor processing facility. All activities are fully controlled by Mtor Mtor using primarily computerized systems logging fish origin by cage through the process as detailed above.</p> <p>Conduct a traceability test of harvested products. In case of partial certification perform a traceability test for ASC and non-ASC products.</p>	
Product description, trade	NA

[illegible]

	ASC CAR 17.6.10.1 Point of First sale / handing	FACILITY
7.52	<p>Project name:</p> <p>Asset Referral Fee Addressing</p> 	<p>ASC-C-00000</p>

7.18.1 The well boat split and tanker transport from Mailing to Bir Mhor is conducted centrally by the MCB Bir Mhor CoC

7.18.1 The well boat split and tanker transport from Mailing to Bir Mhor is conducted centrally by the MCB Bir Mhor CoC

8. UoC volumes & Audit Closing

Please indicate the correct volumes of the applicable quarter and year.

Volume reporting for complete UoC					
Quarter of the year:		Quarter 1	Quarter 2	Quarter 3	Quarter 4
8.1	The volumes indicated in this table apply to the following year:	2022			2021
8.1.1	Type of volumes indicated in 8.2 - 8.5	Estimated volume			Actual volume
8.2	ASC-certified production volume (in Kg)	2500000			937000
8.3	Non ASC-certified production volume (in Kg)				
8.4	Dispatched or sold as ASC-certified Volume (in Kg)				0
8.5	Dispatched or sold as non ASC-certified Volume (in Kg)				0

Decision	
8.6	<div>Certification decision</div> <div>I have reviewed the initial ASC Salmon v1.3 onsite audit report for the Mowi Greanem farm and am generally satisfied with its content and presentation. The audit identified three major and eight minor NCs and having assessed the RCA and CA provided, I concur with the audit team that all NCs may now be closed. I note the delay in finalising the draft report while awaiting a thorough level of detail in CA plans and the consequential VR that was presented on behalf of Mowi. VR544 now permits the period of Stakeholder consultation to be shortened due to commercial pressure for ASC products from a major retailer, however I note that LRQA undertakes to keep the public consultation process open on the ASC system until April 22nd. As part of this, the CAB and ASC will follow up daily to check whether there are stakeholder comments in relation to the draft report for Greanem. Again, and in relation the VR, I note that LRQA intends to audit all the ASC salmon standard principles and criteria at the Greanem farm surveillance one audit and that stakeholders will be formally notified of this surveillance. Subject to the above conditions, I confirm the approval of ASC Salmon v1.3 certification for the Mowi Scotland Greanem farm, with the proviso that should any Stakeholder comments raise major concern before April 22nd, LRQA will revisit this certification decision and are prepared to suspend the Greanem farm’s certification until such time as the concerns are addressed.</div>
8.7	Certificate valid from08/04/2022
8.8	Certificate valid till07/04/2025
8.9	Eligibility date08/04/2022

Confidential Annexes	Annex filled in?	Annex submitted to ASC?
8.10	Annex-1 Interviewee information	
8.11	Annex-2 Stakeholder comments	
8.12	Annex-3 Social information	
8.13	Annex-4 Volume data	

9. Open & Extended NCs

Please indicate in the table below **ONLY** the non-conformities detected in the previous audit, which had the status: open or extended in the previous final audit report.

This table is to evaluate the closure of the open/extended non-conformities from the previous audit. Add rows to the tables as needed.

[illegible]

10. B-EIA & p-SIA checklist

Checklist and guideline for auditors on a complete B-EIA & p-SIA process and report.
Please find all requirements for B-EIA and p-SIA in the ASC standards.

Biodiversity-inclusive Environmental Impact Assessment		
B-EIA checklist	Validated by auditor?	Notes
1. Quality of the B-EIA process (e.g., was it participatory and transparent?), B-EIA carried out by a valid expert in accordance with requirements listed out in the ASC standards.		IAE submitted with report
2. The B-EIA was publicly (locally) communicated with sufficient time for interested parties to participate and/or get informed.		
3. Stakeholders are listed and impact descriptions are documented and in preparation of the final B-EIA report, meetings with the listed stakeholders (or by stakeholders chosen representatives) have taken place.		
4. These meetings have been recorded and the minutes are attached to the final report; names and contact details of participating stakeholders included.		
5. Evidence is provided that draft and final B-EIA reports have been submitted to local government representatives and, if requested by stakeholders, a legally registered civil organization chosen by these stakeholders.		
6. Evidence is provided that the final B-EIA reports have been submitted and reviewed by a specialist with appropriate expertise on biodiversity issues.		
7. B-EIA completed according to guidance on B-EIA and pSIA relationship (transparency and consultation).		
2. Risk analysis: actual (past and present) impacts of the current farm, or potential impacts of the intended farm or expansion of existing farm and at least two alternatives (one of these is the "no farm or no expansion" scenario). Concepts to cover include:		
a) The type of farming, possible alternatives and a summary of activities likely to affect biodiversity.		
b) An analysis of opportunities and constraints for biodiversity (include "no net biodiversity loss" or "biodiversity restoration" alternatives).		
c) Expected biophysical changes (in soil, water, air, flora and fauna) resulting from proposed or existing activities or induced by any socioeconomic changes.		
d) Spatial and temporal scale of influence, identifying effects on connectivity between ecosystems, and potential cumulative effects.		
e) Available information on baseline conditions and any anticipated trend in biodiversity in the absence of the proposal.		
f) Likely biodiversity impacts associated with the proposal or current operations in terms of composition, structure and function of surrounding ecosystems		
g) Biodiversity services and values identified in consultation with stakeholders and anticipated magnitude, direction and timeline of changes in these (highlight any irreversible impacts).		
h) Possible measures to avoid, minimize or compensate for significant biodiversity damage or loss, making reference to any legal requirements. Information required to support decision making and summary of important gaps.		
i) Proposed IA methodology and timescale.		
3. Impact statement is available and contains all of the requirements listed above along with a clear indication of authors and affiliations.		
4. Review process, reviewers (decision makers), and decisions clearly documented.		
5. Clear understanding as to how options for mitigation and offsetting were determined and how avoidance actions were prioritized over compensation		
6. Names, affiliations and experience of the reviewing specialist are documented and clear understanding of how affected groups were involved and how balanced consideration was given to conservation vs. development goals in the peer review.		
7. Clear articulation of a biodiversity management system including targets and monitoring strategies for mitigation.		

Participatory Social Impact Assessment		
p-SIA checklist	Validated by auditor?	Notes
1. Quality of the p-SIA process (e.g., is it participatory and transparent).		
2. The intent to conduct a p-SIA is locally publicly communicated with sufficient time for interested parties to participate and/or get informed.		
3. In listing stakeholders, in making impact descriptions, and in preparation of a final p-SIA report document meetings with the listed stakeholders (or by stakeholders chosen representatives) have taken place.		
4. These meetings have been minuted and these records are attached to the final report; names and contact details of participating stakeholders are included.		
5. Evidence is provided that draft and final p-SIA reports have been submitted to a local government representative and, if stakeholders so desire, to a (by stakeholders chosen) legally registered civil organisation.		
6. B-EIA done and completed according to guidance in the ASC standards (appropriate accreditation and consultation).		
2. The risks and actual (past and present) impacts of the current or intended farm and at least two alternatives (one of these is the "no farm or no expansion" scenario). Concepts to cover include:		
a) Economic aspects (influence on employment opportunities, influence on other livelihoods in community).		
b) Natural resource access and use (land and water tenure, influence on quality and availability of natural resources including water).		
c) Human assets (food security, health and safety, education, indigenous knowledge).		
d) Physical infrastructure (access to roads, electricity, telephone, housing, waste disposal systems).		
e) Social and cultural aspects (indigenously cultural/ customary rights and beliefs, social exclusion/inclusion, gender equity, changes in age composition of the community, local informal institutions and organisations).		
f) Governance aspects (influence of aspaculture on norms, taboos, regulations, laws, conflict management and whether these changes add up to more or less transparency, accountability and participation in decision making.		
3. Research and report probable impacts that are likely to be most important. In doing this, it is important to arrange meetings with stakeholders to let them prioritize and to let them express how they assess/view/feel; identify both positive and negative risks and impacts.		
4. Do deeper investigations into priority impacts with a focus on the question: "What changes will lead to if they indeed come about?" These include:		
a) Physical effects to man-made and natural structures and processes.		
b) Likely adaptations and the social and economic effects of making such adaptations.		
c) How these effects and indirect effects would compare to having no intervention.		
d) How effects may or might be cumulative.		
5. Make recommendations to maximize the positive and minimize the negative, with consideration to compensation options for those lands and people impacted. Also include recommendations on how to avoid these issues with the intended farm or farm development.		
6. Propose a mitigation plan assuming the farm development will take place or continue (in an adapted form if that seems appropriate); include a "closure and restoration plan" explaining how repair or restoration will take place after farm closure or bankruptcy		
7. Develop and approve with all stakeholders a monitoring plan and indicators on both positive and negative risks and impacts (make use of FDU and/or PMA methodologies in this step).		
8. A summary with recommendations and conclusions is made available to all involved in the process and, through local public relations, made accessible to all members of the local community.		

[illegible]

54/20

54/266

590

LAYERS

54/200

202/206

2740

Metric table

Where the requirement is "None", please use 0 (zero) if requirement is met

Corresponds to ASC Salmon standard version 1.3

Indicator No	2.1.1a	2.1.1b	2.1.2a	2.1.2b	2.1.2c	2.1.2d	2.1.3	4.7.4	5.2.2	5.2.3	5.2.11
Impact Category	Benthic	Benthic	Benthic	Benthic	Benthic	Benthic	Benthic	Benthic	Chemicals/therapeutants	Chemicals/therapeutants	Chemicals/therapeutants
Indicator Text	Redox potential in sediment outside of the Allowable Zone of Effect (AZE) (in mV), following the sampling methodology outlined in Appendix I-1	Sulphide levels in sediment outside of the Allowable Zone of Effect (AZE) (in µMol/L), following the sampling methodology outlined in Appendix I-1	AZTI Marine Biotic Index (AMBI)	Shannon-Wiener Index	Benthic Quality Index (BQI)	Infaunal Trophic Index (ITI)	Number of macrofaunal taxa in the sediment within the AZE, following the sampling methodology (highly abundant taxa that are not pollution indicator species) outlined in Appendix I-1	Evidence that copper levels are < 34 mg Cu/kg dry sediment weight OR in instances where the Cu in the sediment exceeds 34 mg Cu/kg dry sediment demonstration that the Cu concentration falls within the range of background concentration as measured at three reference sites in the water body	Allowance for use of therapeutic treatments that include antibiotics or chemicals that are banned in any of the primary salmon producing or importing countries	Percentage of medication events that are prescribed by a veterinarian	Allowance for prophylactic use of antimicrobial treatments
Requirement/ Site ID	> 0 mV	≤ 1,500 µMol/L	≤ 3.3	> 3	≥ 15	≥ 25	≥ 70%	Yes	None	100%	None
50003887									✓ 0	✓ 100	✓ 0

5.2.12	5.2.13	8.12	8.15	8.16	8.17	2.3.1	4.2.1	4.2.2a	4.2.2b	4.4.2c	3.4.1
chemicals/therapeutants	Chemicals/therapeutants	Chemicals/therapeutants	Chemicals/therapeutants	Chemicals/therapeutants	Chemicals/therapeutants	Feed	Feed	Feed	Feed	Feed	Mortality/survival/escapes
Allowance for use of antibiotics listed as critically important for human medicine by the world health organization	Number of treatments of antibiotics over the most recent production cycle	Percentage of fish that are vaccinated for selected diseases that are known to present a significant risk in the region and for which an effective vaccine exists.	Allowance for use of therapeutic treatments that include antibiotics or chemicals that are banned in any of the primary salmon producing or importing countries	Number of treatments of antibiotics over the most recent production cycle	Allowance for use of antibiotics listed as critically important for human medicine by the WHO	Percentage of fines [18] in the feed at point of entry to the farm (calculated following methodology in Appendix I-2) (by weight of the feed)	Fishmeal Forage Fish Dependency Ratio (FFDRm) for grow-out (calculated using formulas in Appendix IV- 1)	Fish Oil Forage Fish Dependency Ratio (FFDRo) for grow-out (calculated using formulas in Appendix IV-1)	Maximum amount of EPA and DHA from direct marine sources (calculated according to Appendix IV-2) (in g/kg feed)	Percentage of soya or soya-derived ingredients in the feed that are certified by the Roundtable for Responsible Soy (RTKS) or equivalent.	Maximum number of escapes in the most recent production cycle
None	≤ 3	100%	Yes	≤ 3	None	< 1% by weight of the feed	< 1.2	< 2.52	(EPA + DHA) < 30 g/kg feed	100%	300
✓ 0	✓ 0	✓ 100	✓ 0	✓ 0	✓ 0	✓ 0.4	✓ 0.35	✓ 2.23		✓ 100	✓ 0

5.1.3	5.1.4	5.1.5	5.1.6	8.6	2.5.1	3.4.2	5.4.1	8.7	8.11	3.1.7	2.2.1	2.2.2
Mortality/survival/escapes	Mortality/survival/escapes	Mortality/survival/escapes	Mortality/survival/escapes	Mortality/survival/escapes	other	other	other	other	other	Parasites	Water quality	Water quality
Percentage of dead fish removed and disposed of in a responsible manner	Percentage of mortalities that are recorded, classified and receive a post-mortem analysis	Maximum viral disease-related mortality on farm during the most recent production cycle	Maximum unexplained mortality rate from each of the previous two production cycles, for farms with total mortality > 6% (of total mortalities)	Maximum number of escapes in the most recent production cycle	Number of days in the production cycle when acoustic deterrent devices (ADDs) or acoustic harassment devices (AHDs) were used	Accuracy of the counting technology or counting method used for calculating stocking and harvest numbers (%)	Evidence that all salmon on the site are a single year class (%)	Accuracy of the counting technology or counting method used for calculating the number of fish (%)	Percentage of smolt groups tested for select diseases of regional concern prior to entering the grow-out phase on farm	In areas of wild salmonids, maximum on-farm lice levels during sensitive periods for wild fish. See detailed requirements in Appendix II, subsection 2. (mature female lice per farmed fish)	Weekly average percent saturation of dissolved oxygen (DO) on farm, calculated following methodology in Appendix I-4	Maximum percentage of weekly samples from 2.2.1 that fall under 2 mg/l DO
100%	100%	≤ 10%	≤ 40% of total mortalities	300 fish	0	≥ 98%	100%	≥ 98%	100%	0.1 mature female lice per farmed fish	≥ 70%	5%
✓ 100				✓ 0	✓ 0	📊 98	✓ 100	📊 98	✓ 100		✓ 85.57	✓ 0

[illegible]

Summary of Standard Non-Conformities (NC)

WC Type	WC Periods
Water	4
Sanitary	4
Total	12

Note: Unique NC codes can be entered in column E. All other data fields in this summary worksheet populate automatically.

[illegible]