

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. SiteID(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	
1.4 Unit of certification type	Single Site
1.4.1 Company name	Cermaq Norway
1.4.2 UoC Name	Slettnesfjord
1.5 Country where UoC is located	Norway
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)	Bureau Veritas Certification Denmark A/S
Client contact person - from the UoC	
1.15 First name	Silje
1.16 Surname	Ramsvatn
1.17 Position in the UoC (Job title)	Sustainability Manager
1.18 Email address	silje.ramsvatn@cermaq.com
1.19 Phone number	0047 411 48 216
1.20 Other means of contact e.g. Skype	cermaq.com

2. Audit information

2.1 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	Not Covered		
2.1.7	Principle 7	Not Covered		
2.1.8	Principle 8	Covered		
2.2 Activities covered under the scope of the certification and under the scope of the audit.	Activity	Under scope of certification	Under Scope of this audit	Notes
	Activities in the table apply to final product only.			
2.2.1	Stocking	Covered	Covered	
2.2.2	Nursing	Covered		
2.2.3	Growing Out	Covered	Covered	
2.2.4	Transferring	Covered		
2.2.5	Harvest	Covered		
2.2.6	Vaccination	Covered		
2.2.7	Fallowing	Covered		
2.2.8	Transportation			
2.2.9	Storage (if present at farm)			
2.2.10	Processing (if present at farm)			
2.2.11	Packing (if present at farm)			
2.2.12	Other (Please describe)			
2.3 Certification cycle	1			
2.4 Audit type	Surveillance audit			
2.5 Audit number in certification cycle	2			
2.6 Will harvesting be witnessed during audit?	No			
2.6.1 If harvest is NOT witnessed, please justify:	Harvest will be witnessed at another Cermaq site during certification cycle			
2.7 Audit conducted (On-site/Remote):	Assisted remote			

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		5
On-site activities		5
Total man days	0	1,25

[illegible]

3.2	3.3	3.4	3.6	3.13	3.14	3.15	3.16	3.17	3.18
Site name	Ownership	Primary culture species	Cycle duration	Latitude (N, S) (00.000000)*	Longitude (E,W) (00.000000)*	Production system *	Number of production units	Start date of audit	End date of audit
Slettnesfjord 10838	Owned	Atlantic salmon (<i>Salmo salar</i>)	Long-cycle species (>6 months)	70,625202	23,104725	Cages - circular plastic	6	10. august 2021	13. august 2021

[illegible]

1. General, client/CAB information

- 1.1 Document Type
- 1.2 Document language
- 1.3 Second document language
- 1.4 Unit of certification type
- 1.4.1 Company name
- 1.4.2 UoC name
- 1.5 Country where UoC is located
- 1.6 ASC Standard
- 1.7 Standard version
- 1.8 Certification process is subject to CAR version

Final Report
English
Single Site
Cermaq Norway
Slettnesfjord
Norway
Salmon
1,3
2,2

- 1.9 Name of the Conformity assessment body (CAB)

Bureau Veritas Certification Denmark A/S
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Client contact person - from the UoC

- 1.15 First name
- 1.16 Surname
- 1.17 Position in the UoC (Job title)
- 1.18 Email address
- 1.19 Phone number
- 1.20 Other means of contact e.g. Skype

Silje
Ramsvatn
Sustainability Manager
silje.ramsvatn@cermaq.com
0047 411 48 216
cermaq.com

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	26. juli 2021	
2,2	Date - Draft report published on ASC website		
2,3	Date - Final report submitted to ASC	29. november 2021	
2,4	Audit ID	provided by ASC with publication confirmation	
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	Not Covered
2.5.6		Principle 7	Not Covered
2.5.7		Principle 8	Covered

2) Audit information

2,6 Activities covered under the scope of the certification and under the scope of the audit.
Activities in the table apply to final product only.

Activity	Under scope of certification	Under Scope of this audit	Notes
2.6.1 Stocking	Covered	Covered	
2.6.2 Nursing	Covered		
2.6.3 Growing Out	Covered	Covered	
2.6.4 Transferring	Covered		
2.6.5 Harvest	Covered		
2.6.6 Vaccination	Covered		
2.6.7 Fallowing	Covered		
2.6.8 Transportation			
2.6.9 Storage (if present at farm)			
2.6.10 Processing (if present at farm)			
2.6.11 Packing (if present at farm)			
2.6.12 Other (Please describe)			

2,7 Certification cycle

2,8 Audit type

2,9 Audit number in certification cycle

2,10 Will harvesting be witnessed during audit?

2,10.1 If harvest is NOT witnessed, please justify:

2,11 Audit conducted (On-site/Remote):

1
Surveillance audit
2
Yes
Assisted remote

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

2.12.1	2.12.2	2.12.3
Time assigned to audit activities	Social Auditor(s)	Environmental auditor(s)
Off-site activities		5
On-site activities		5
Total man days		1,25

2) Audit information

Audit team and other involved persons				
2.13	2.14	2.15	2.16	2.17
Surname	First name	Role	Expertise needed for the audit (required for technical experts only)	Person on-site or remote?
Helle	Trygve	Audit team leader	Environmental Auditor	On-site
Konstantinidou	Megan	Others (specify activities)	Environmental Auditor	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?

Yes

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	Status 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 full calendar year:	Type of volumes indicated in 3.27-3.30	ASC-certified production volume (in Kg)	Non-ASC-certified production volume (in Kg)	Dispatched or sold as ASC-certified Volume (in Kg)	Dispatched or sold as non-ASC-certified Volume (in Kg)	For Bivalve/Abalone: Volumes indicate in 3.27 - 3.30 are given in live weight equivalent or volume without shell	Note/Other information
S0000763	Slettnesfjord 10838	Owned	Atlantic salmon (Salmo salar)		70.625202	23.104725	Cages - circular plastic	Cages - circular plastic	Monoculture	Intensive		10. august 2021	13. august 2021	30-jul-20		Harvest	GlobalGAP, ISO 22000:2005, ISO 9001:2008		No		2021	Estimated volume	4514539					10 cages

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
S0000763	Slettnesfjord 10838	12. august 2021	10	93,5	4,18	Partial harvest	Volume harvested in tons and average weight in kg. Ref. Harvest Witness Report

[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/-ies or neighbours (**in km**)

Name of nearby community	Indigenous	Distance of the UoC to the nearest neighbouring community/-ies or neighbours (in km)

1) General, Client and CAB information

6,7 Social audits performed at UoC

Standard	Certified since (Date)	Certified until (Date)	Date of last audit (Date)	Evaluation result
SA8000				
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)

1) General, Client and CAB information

Management system

6,17 Relevant policies and procedures:	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	

1) General, Client and CAB information

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				

1) General, Client and CAB information

6,41 CAB's diligence to obtain additional information about the UoC

Topics	Means of research	Rationale	Outcome

6,42 Changes since last audit

7. ASC CAR 17.6.1-2 Substitution risk assessment

Please note that auditor training on farm traceability is also covered in the MSC farm traceability module.

Activities covered under the scope of the certification and under the scope of the audit

Activity	Under scope of certification
Stocking	Covered
Nursing	Not Covered
Growing Out	Covered
Transferring	Covered
Harvest	Covered
Vaccination	Not Covered
Fallowing	Covered
Transportation	Covered
Storage (if present at farm)	Not Covered
Processing (if present at farm)	Not Covered
Packing (if present at farm)	Not Covered
Other (Please describe)	Not Covered

1. Possibility of mixing or substitution of certified and non-certified product, including product of the same or similar appearance species, produced within the same operation.	
a) Partial Certification	no
Reason for partial certification:	
Slettnesfjord has full site certification.	
b) Similar appearance species produced in the UoC	no
Similar appearance species:	
There is only Atlantic salmon farmed on site.	
Production units or batches excluded from the certification scope	
c) Average % of products produced as non-ASC in the UoC per year	
d) Traceability and segregation systems	
Physical identification	yes
Description	
The whole site is certified ASC Salmon with no processing facilities onsite. The only species on site is salmon, all of which are the same year class. Therefore there is no risk of mixing onsite and thus physical identification is not applicable.	
Segregation systems for non-ASC product	yes
Description	
There is only ASC Farmed product onsite.	
Traceability records identification	yes
Description	
All traceability records are maintained on internal databases. Once the fish are delivered to the site, information regarding their status and cage location are registered and tracked via the internal database Fishtalk.	
Other traceability systems in place:	
Do the traceability systems mitigate the mixing and substitution risks?	yes
Rationale	
The fish are fully traceable from the smolt supplier to the harvest processing facility. All fish on site are covered by the scope of the certification.	

2. Possibility of mixing or substitution of certified and non-certified product, including product of the same or similar appearance or species, present during production, harvest, transport, storage, or processing activities.	
a) Non-ASC farms of the same or similar species limiting with the UoC	no
Description of neighbour farms	
The nearest farm to Slettnesfjord is Hamnefjord, 7km away.	
b) Non-ASC Neighbour farms owned or related to the same UoC	no
If yes, Name of farms in case are related to the client.	
The nearest farm, Hamnefjord, is also owned by Cermaq and is ASC Certified.	
c) Non-ASC products from other farms handled in the UoC	no
Stage(s) when the non-ASC products are handled in the UoC	
Only ASC products are handled in the UoC.	
d) Segregation systems	
Physical barriers	yes
Description	
There are no similiar species being farmed in the nearby area which would require physical barriers for segregation from the certified product.	
Physical identification	yes
Description	
There are no similiar species being farmed in the nearby area which would require physical barriers for segregation from the certified product.	
Segregation systems for non-ASC product	yes
Description	
There are no non-ASC products on site.	
Traceability records identification	yes
Description	
All traceability records are maintained on internal databases. Once the fish are delivered to the site, information regarding their status and cage location are registered and tracked via the internal database Fishtalk.	
Others systems:	
Do the traceability systems mitigate the mixing and substitution risks?	yes
Rationale	
There are no risks of mixing or subsituting ASC and non-ASC products at the UoC. All fish movements are recorded on FishTalk. There are no production or processing areas at the UoC which contain non-certified product.	

3. Possibility of subcontractors being used to handle, transport, store, or process certified products.	
a) Company uses subcontracted services for harvesting, processing, packing or labelling	yes
Description	
Subcontracted transport vessels are used to take fish from site to the harvesting facility.	
b) Company uses subcontracted services providers for storage or transportation	yes
Description	
Cermaq have an agreement with Norsk Fiske Transport (NFT), a company specialised in transporting fish in wellboats. The company is used for both smolt deliveries and harvest activities. Contract with NFT reviewed. Cermaq procedure for harvesting fish ("Prosedyre for levering av slaktefisk", document no.: 318, version 11, date: 14-12-2020) describes the activities associated with harvesting. One site at a time will be harvested, there is no mixing of fish between sites by the subcontracted vessel. This has been further confirmed by reviewing historic data tracking the movements of the vessel on the days of harvest from the farm (available on www.barentswatch.no), no additional farms were visited, the harvest vessels travelled directly from the farm to the harvest facility.	
c) Traceability and segregation systems	
Subcontractors are CoC certified	yes
Description	
At the time of harvest, Cermaq Rypefjord was ASC CoC certified. The wellboat and associated activities are included in the certification.	
Contract and/or agreements in place including traceability conditions	yes
Description	
Contract with transport vessel, Norsk Fiske Transport, dated: 14-06-2011 reviewed. Contract valid until 30-09-2021. An additional supplement to the contract ("Tillegg til Kontrakt av 14-06-2011 for Kjøp av Brønnbåttjenester", date: 27-08-2019) extends the agreement unti 30-09-2022. Procedure for harvesting fish ("Prosedyre for levering av slaktefisk", document no.: 318, version 11, date: 14-12-2020) describes the SOP for harvesting activities using subcontractor transport vessels. The procedure covers harvests from one cage, multiple cages, partial harvest from a cage and emptying of nets. It is also documented how to register and maintain information related to harvests.	
Traceability records identification	yes
Description	
All traceability records are maintained on internal databases. Once the fish are delivered to the site, information regarding their status and cage location are registered and tracked via the internal database Fishtalk.	
Others systems:	

7,5

Do the traceability systems mitigate the mixing and substitution risks?	yes
Rationale	
Fish are documented on site from input until harvest. Each individually stocked cage can be traced throughout the whole cycle via the FishTalk database. There are no non-ASC stocks onsite. The closest farm is Hamnefjord, it is certified for ASC Farm Salmon and is not at risk of mixing with the fish produced at Slettnesfjord. Traceability documentation is well maintained, and procedures have been verified using the publically available tracking data - only fish from Slettnesfjord have been transported to the harvest facility on the wellboats used.	

4. Any other opportunities where certified product could potentially be mixed, substituted, or mislabelled with non-certified product before the point where product enters the chain of custody.	
Risk	Level
a)	n/a
Description	
b)	n/a
Description	
c)	n/a
Description	
d) Traceability and segregation systems available for the risks above	n/a
Description	
Do the traceability systems mitigate the mixing and substitution risks?	n/a
Rationale	

ASC CAR 17.6.3-5 Product flow, traceability and segregation

Please describe the product flow within the UoC

Fish are delivered to the UoC via wellboat transfer from smolt producers. Once on site, fish will be allowed to grow before being further seperated (graded) into additional cages onsite at the UoC. All fish movements are traced via the database FishTalk. Once at harvest size, a wellboat will collect the fish and transfer them directly to the harvesting facility.
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Conduct a traceability test of harvested products. In Case of partial certification perform a traceability test for ASC and non-ASC products.

Product Identification Code	Fish Group: 18.02, Cage: 01
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		Details of Documentation Reviewed		
	Production stage	Description	Date	Description of how codes or documents link product at each stage.
A)	Smolt Input	Transport Records	22-07-2018	Vessel: Steigen. Departure location: Forsan. Departure Date: 22-07-2018. Arrival Location: Slettnes, Cage: 01, total fish: 160700. Arrival Date: 23-07-2018.
B)	Transfer between Cages	FishTalk Database	Production Cycle	Fish were not transported between cages on site during the production cycle.
C)	Loading of harvest vessel	Transport Records	22-12-2019	Vessel: Dønnland. Departure location: Slettnes, Cage: 01, total fish: 37479. Departure Date: 22-12-2019. Arrival Location: Rypefjord, Arrival Date: 23-12-2019.
D)	Delivery of Fish to harvest	Product and Quality Control documentation.		Smolt Supplier: Forsan. Input date: 23-07-2018. Departure Location: Slettnes, Cage: 01. Harvest Station: Cermaq A/S Rypefjord. Harvest Date: 23-12-2019. Well boat for harvest: Dønnland.
E)				
F)				
G)				
H)				
I)				
J)				
K)				
L)				
M)				

7,7	Traceability test(s) successfully conducted	yes
7,8	Traceability Information allows to link each stage of handling certified products	yes

ASC CAR 17.6.6.1-2 Traceability determination

7,9	The traceability and segregation systems in the operation are sufficient to ensure all products identified and sold as certified by the operation originate from the unit of certification	yes
7,10	The traceability and segregation systems are not sufficient and a separate chain of custody certification is required for the operation before products can be sold as ASC-certified or can be eligible to carry the ASC logo.	CoC not needed
7,11	Rationale for the decision	
	The traceability and segregation systems are sufficient, no CoC certificate required at site. The area of highest risk is the use of subcontractors to transport fish from site to harvest. The transport vessels used to take the fish from site to the harvest facility are covered by the scope of the Harvest facility's CoC Certificate (ASC-C-00687), and the potential risks have been mitigated.	

ASC CAR 17.6.10.1 Point of First sale / handling

7,12	Entity name	CoC code
	Cermaq Norway- Afv Slakteri Rypefjord F-430	ASC-C-00687

ASC CAR 17.6.10.2 The point from which chain of custody is required to begin

7,13	
7.13.1	From harvest with well boats

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	2021	2021	2021	2021
	The volumes indicated in this table apply to the following year:			
8.1.1	Actual volume	Actual volume	Estimated volume	Estimated volume
	Type of volumes indicated in 8.2 - 8.5			
8,2	ASC-certified production volume (in Kg)	883916	1749430	1750980
8,3	Non ASC-certified production volume (in Kg)	0	0	0
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	0	0

Decision	
8.6	Certification decision
8.7	Certificate valid from
8.8	Certificate valid till
8.9	Eligibility date

Confidential Annexes	Annex filled in?	Annex submitted to ASC?
8,10	Annex-1 Interviewee information	No
8,11	Annex-2 Stakeholder comments	No
8,12	Annex-3 Social information	No
8,13	Annex-4 Volume data	No

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]

Adjust the column width as needed to show the whole text or provide more space to write
Corresponds to ASC Salmon standard version 1.3

													Proposed by UoC and accepted by CAB	Proposed by UoC and accepted by CAB	Proposed by UoC and accepted by CAB				
Indicator Number	Indicator Text	Audit Evidence	Overall Indicator evaluation	Description, justification and conclusion for the evaluation decision	Date of NC detection	Deadline for NC close-out	Actual date of close-out	NC Status	VR submitted	Status of submitted VR	VR used	Q&A submitted/used	Root cause analysis	NC correction	NC Corrective action	Auditor evaluation	Extension justification	New deadline for NC close-out	Notes
1.1.1	Indicator: Presence of documents demonstrating compliance with local and national regulations and requirements on land and water use Requirement: Yes Applicability: All	Electronic copies of laws, regulations and requirements with references to Lovdata with updates and electronic links in Intelix system. Covered by internal procedures in QMS. Strict monitored by relevant authorities on these issues. Partly approval of operating plan for 2021 from Directorate of Fisheries dated 16.03.2021 with reference number 20/15109 - for all sites in Finnmark except Komagnes, Kråkevik, Tuvan, Vassvika, Store Lerresfjord, Jemelva, Hundbergan og Sommarbukta (Approval operating plan AR 429563615 23.06.21). 4.5.18 Discharge permit from Fylkesmannen i Finnmark with MTB 7560 tonnes. 7.6.18 Aquaculture permit 7560 tonn from Finnmark county. Site certificate from Akvaplan NIVA APN-281-R-2 06.05.21 valid five years, last change 6.5.21. Controls/ inspections from authorities in 2020-2021: NFSA 18.2 and 9.3 and 15.4.21 inspection 3.2.21 Procedures Increased mortalities, NC: NC-handling of mortalities, change of procedures. Cermaq 1.3 and 25.3.21 Info NC-handling mortalities regarding fish welfare Not closed by NFSA yet, deadline 20.10.2021. The Norwegian authorities in charge are: Directorate of Fisheries (https://www.fiskeridir.no/) manage the Aquaculture Act of 17 June 2005 no. 79 relating to aquaculture. According to § 15 relationship to land use plans and conservation measures, aquaculture licenses may not be granted in contravention of adopted conservation measures relating to nature conservation. The County Governor (Statsforvalteren i fylket) provides discharge permit for aquaculture and is part of the aquaculture permit evaluation and is responsible for conservation areas. The County Governor don't approve fish farming in protected areas (Verneområder). The Norwegian Environment Agency is nationally responsible for environment and maintain a map with national salmon fjords (https://laksekart.fylkesmannen.no). The map of the farm was also checked against national preservation areas in ASC GIS portal. The Norwegian Food Safety Authority is managing the Food law including animal health, and the Animal Welfare Law, and national subordinate regulations. NFSA is also taking part in aquaculture licence evaluations. Aquaculture permits are given and coordinated by the Counties.	Compliant																
1.1.2	Indicator: Presence of documents demonstrating compliance with all tax laws Requirement: Yes Applicability: All	Electronic copies of laws, regulations and requirements with references to Lovdata with updates and electronic links are kept in a web-based quality system called Intelix. Seen Authorised auditor report/statement for organisation number 980211282, dt.07.09.2020 by Deloitte, states that the financial statements are prepared in accordance with the law and regulations. The tax report dated from Norwegian Tax Administration (Skatteetaten) dated on 27.04.2021 valid until 6 måneder 27-10-2021 stating no withholding and unpaid tax. Registered in Brønnøysund Register Center (Norwegian government agency) with industry code of 03.211: Production of fish and shellfish in marine and coastal fish farming	Compliant																
1.1.3	Indicator: Presence of documents demonstrating compliance with all relevant nation and local labour laws and regulations Requirement: Yes Applicability: All	Electronic copies of laws, regulations and requirements with references to Lovdata with updates and electronic links are kept in a web-based quality system called Intelix. Arbeidstilsynet, the Norwegian Labour Inspection Authority, is responsible for supervising the implementation of the Working Environment Act. There were no inspections from Arbeidstilsynet for 2020-2021.	Compliant																
1.1.4	Indicator: Presence of documents demonstrating compliance with regulations and permits concerning water quality impacts Requirement: Yes Applicability: All	Discharge permit is given to the farm against the Pollution Act by Statsforvalteren (the County Governor). The farm provided following documents: 4.5.18 Discharge permit from Fylkesmannen i Finnmark with MTB 7560 tonnes. To show compliance with above above mentioned law and regulations, marine and environmental impact assessment (B- and C-survey) are performed by an accredited company for test 303 (sampling on sea sediments) once during the production period. The environmental reports and surveys are reported to Altinn. The reports are available in https://yggdrasil.fiskeridir.no/ . Olex map and GPS coordinates with ASC sampling points. Site-specific sampling regime (Survey-C Olex map and GPS coordinates with ASC sampling points. Site-specific sampling regime Survey-C hybrid - ASC adapted). Modified C-Survey according to NS9410 (Norwegian authorities and legislation requirement). Point adapted to bathymetric conditions. Performed by accredited company for test 303 (sampling on sea sediments): Akvaplan Niva AS report Cermaq Norway AS. ASC- og C-undersøkelse 10838 Slettnesfjord, 2019.: 61580.02. Report date 17.03.2020. Sample date 18.11.2019. Sample stations outside AZE C2, C4, C6. Inside AZE C1, C3. 2 ref. stations Cu1 and Cu2. Peak biomass 78,2%. Feed fed when sampling: 6101 tonn. Totally fed for production cycle 18G: 7802 tonn. 6101/7802 *100=78,2%. Fish biomass related to MTB is reported to authorities through Altinn by end of month. Environmental reports and surveys reported to Altinn approximately 1 month after felt sampling done and results available from contractor. Available in https://yggdrasil.fiskeridir.no/ . No indications of non compliance.	Compliant																
2.1.1	Indicator: Redox potential or (5) sulphide levels in sediment outside of the Allowable Zone of Effect (AZE) (6), following the sampling methodology outlined in Appendix I of the Salmon standard v.1.3 Requirement: Redox potential > 0 mV or Sulphide ≤ 1,500 µMol/L Applicability: All farms except; Closed production systems that can demonstrate that they collect and responsibly dispose of > 75% of solid nutrients from the production system are exempt from standards under Criterion 2.1. See Appendix VI for requirements on transparency for 2.1.1, 2.1.2 and 2.1.3.	Olex map and GPS coordinates with ASC sampling points. Site-specific sampling regime (Survey-C Olex map and GPS coordinates with ASC sampling points. Site-specific sampling regime Survey-C hybrid - ASC adapted). Modified C-Survey according to NS9410 (Norwegian authorities and legislation requirement). Point adapted to bathymetric conditions. Performed by accredited company for test 303 (sampling on sea sediments): Akvaplan Niva AS report Cermaq Norway AS. ASC- og C-undersøkelse 10838 Slettnesfjord, 2019.: 61580.02. Report date 17.03.2020. Sample date 18.11.2019. Sample stations outside AZE C2, C4, C6. Inside AZE C1, C3. 2 ref. stations Cu1 and Cu2. Peak biomass 78,2%. Feed fed when sampling: 6101 tonn. Totally fed for production cycle 18G: 7802 tonn. 6101/7802 *100=78,2%. Redox (mV) at sample stations C2 355 C4 308 C6 320 outside AZE. Values are compliant.	Compliant																

2.1.2	<p>Indicator: Faunal index score indicating good (7) to high ecological quality in sediment outside the AZE, following the sampling methodology outlined in Appendix I of the Salmon standard v.1.3</p> <p>Requirement: AZTI Marine Biotic Index (AMBI)(8) score ≤ 3.3, or Shannon-Wiener Index score > 3, or Benthic Quality Index (BQI) score ≥ 15, or Infaunal Trophic Index (ITI) score ≥ 25</p> <p>Applicability: All farms except; Closed production systems that can demonstrate that they collect and responsibly dispose of > 75% of solid nutrients from the production system are exempt from standards under Criterion 2.1. See Appendix VI for requirements on transparency for 2.1.1, 2.1.2 and 2.1.3.</p>	<p>Olex map and GPS coordinates with ASC sampling points. Site-specific sampling regime (Survey-C Olex map and GPS coordinates with ASC sampling points. Site-specific sampling regime Survey-C hybrid - ASC adapted). Modified C-Survey according to NS9410 (Norwegian authorities and legislation requirement). Point adapted to bathymetric conditions. Performed by accredited company for test 303 (sampling on sea sediments): Akvaplan Niva AS report Cermaq Norway AS. ASC- og C-undersøkelse 10838 Slettnesfjord, 2019: 61580.02. Report date 17.03.2020. Sample date 18.11.2019. Sample stations outside AZE C2, C4, C6. Inside AZE C1, C3. 2 ref. stations Cu1 and Cu2.</p> <p>Peak biomass 78,2%. Feed fed when sampling: 6101 tonn. Totally fed for production cycle 18G: 7802 tonn. 6101/7802 *100=78,2%.</p> <p>Shannon Wiener index are at sample stations C2 5,60 C4 3,82 and C6 4,73 outside AZE and compliant(>3).</p>	Compliant															
2.1.3	<p>Indicator: Number of macrofaunal taxa in the sediment within the AZE, following the sampling methodology outlined in Appendix I of the Salmon standard v.1.3</p> <p>Requirement: ≥ 2 highly abundant (9) taxa that are not pollution indicator species</p> <p>Applicability: All farms except; Closed production systems that can demonstrate that they collect and responsibly dispose of > 75% of solid nutrients from the production system are exempt from standards under Criterion 2.1. See Appendix VI for requirements on transparency for 2.1.1, 2.1.2 and 2.1.3.</p>	<p>Olex map and GPS coordinates with ASC sampling points. Site-specific sampling regime (Survey-C Olex map and GPS coordinates with ASC sampling points. Site-specific sampling regime Survey-C hybrid - ASC adapted). Modified C-Survey according to NS9410 (Norwegian authorities and legislation requirement). Point adapted to bathymetric conditions. Performed by accredited company for test 303 (sampling on sea sediments): Akvaplan Niva AS report Cermaq Norway AS. ASC- og C-undersøkelse 10838 Slettnesfjord, 2019: 61580.02. Report date 17.03.2020. Sample date 18.11.2019. Sample stations outside AZE C2, C4, C6. Inside AZE C1, C3. 2 ref. stations Cu1 and Cu2.</p> <p>Peak biomass 78,2%. Feed fed when sampling: 6101 tonn. Totally fed for production cycle 18G: 7802 tonn. 6101/7802 *100=78,2%.</p> <p>Number of macrofaunal taxa in the sediment within AZE is over 2 on both of the sampling stations (C1 2, C3 9 taxa) and thereby compliant with ASC benthic requirements.</p>	Compliant															
2.1.4	<p>Indicator: Definition of a site-specific AZE based on a robust and credible (10) modelling system (11)</p> <p>Requirement: Yes</p> <p>Applicability: All farms except; Closed production systems that can demonstrate that they collect and responsibly dispose of > 75% of solid nutrients from the production system are exempt from standards under Criterion 2.1. See Appendix VI for requirements on transparency for 2.1.1, 2.1.2 and 2.1.3.</p>	<p>Olex map and GPS coordinates with ASC sampling points. Site-specific sampling regime (Survey-C Olex map and GPS coordinates with ASC sampling points. Site-specific sampling regime Survey-C hybrid - ASC adapted). Modified C-Survey according to NS9410 (Norwegian authorities and legislation requirement). Point adapted to bathymetric conditions. Performed by accredited company for test 303 (sampling on sea sediments): Akvaplan Niva AS report Cermaq Norway AS. ASC- og C-undersøkelse 10838 Slettnesfjord, 2019: 61580.02. Report date 17.03.2020. Sample date 18.11.2019. Sample stations outside AZE C2, C4, C6. Inside AZE C1, C3. 2 ref. stations Cu1 and Cu2.</p> <p>Peak biomass 78,2%. Feed fed when sampling: 6101 tonn. Totally fed for production cycle 18G: 7802 tonn. 6101/7802 *100=78,2%.</p> <p>Site-specific sampling regime (C - ASC survey adapted/Modified C-survey according to NS- 9410 (Norwegian Standard Authorities and legislation requirement) specified in NS-9410. Survey developed and performed by Akvaplan Niva, an accredited company for test 303 (sampling on sea sediments).</p>	Compliant															
2.2.1	<p>Indicator: Weekly average percent saturation (16) of dissolved oxygen (DO) (17) on farm, calculated following methodology in Appendix I of the Salmon standard v.1.3</p> <p>Requirement: ≥ 70% (18)</p> <p>Applicability: All farms. An exception to this standard shall be made for farms that can demonstrate consistency with a reference site in the same water body.</p>	<p>No oxygen sampling DO values below 70%. Measurement of salinity. Manual oxygen logger for backup.</p>	Compliant															
2.2.2	<p>Indicator: Maximum percentage of weekly samples from 2.2.1 that fall under 2 mg/L DO</p> <p>Requirement: 5%</p> <p>Applicability: All</p>	<p>No oxygen sampling DO values below 2 mg/L.</p>	Compliant															
2.2.3	<p>Indicator: For jurisdictions that have national or regional coastal water quality targets (19), demonstration through third-party analysis that the farm is in an area recently (20) classified as having "good" or "very good" water quality (21)</p> <p>Requirement: Yes (22)</p> <p>Applicability: All farms except. Closed production systems that can demonstrate the collection and responsible disposal of > 75% of solid nutrients as well as > 50% of dissolved nutrients (through biofiltration, settling and/or other technologies) are exempt from standards 2.2.3 and 2.2.4.</p>	<p>EU Water Directive 2000 gives Water quality objectives for area. Look at Vann-nett. The information are continuously updated from authorities, and are available at webportal https://vann-nett.no/portal/#/waterbody/0420021700-C</p> <p>Waterbody "Slettnes" 0420021700-C</p> <p>Water region Troms and Finnmark</p> <p>Water area Sørøya/Seiland/Kvaløya med innland</p> <p>Municipality Hammerfest.</p> <p>Target: Ecology Good, Chemical Good and risk Non. Status: Ecological Good.</p> <p>Last documentation 01.04.2020.</p>	Compliant															

2.2.4	<p>Indicator: For jurisdictions without national or regional coastal water quality targets, evidence of monitoring of nitrogen and phosphorous (23) levels on farm and at a reference site, following methodology in Appendix I of the Salmon standard v.1.3</p> <p>Requirement: Consistency with reference site</p> <p>Applicability: All farms, except, Closed production systems that can demonstrate the collection and responsible disposal of > 75% of solid nutrients as well as > 50% of dissolved nutrients (through biofiltration, settling and/or other technologies) are exempt from standards 2.2.3 and 2.2.4.</p>	N/A	N/A															
2.2.5	<p>Indicator: Demonstration of calculation of biochemical oxygen demand (BOD)(24) of the farm on a production cycle basis</p> <p>Requirement: Yes</p> <p>Applicability: All</p>	<p>BOD for ongoing production cycle 20G has been calculated to 3878,45 = ((total N in feed: 402,83 – total N in fish: 162,27)*4,57) + ((total C in feed: 3745,36 – total C in fish: 2704,50)*2,67).</p> <p>For the last completed production cycle 18G BOD was calculated to 3016,63 = ((total N in feed: 473,39 – total N in fish: 210,21)*4,57) + ((total C in feed: 4182,87 – total C in fish: 3503,50)*2,67).</p>	Compliant															
2.2.6	<p>Indicator: Appropriate controls are in place that maintains good culture and hygienic conditions on the farm which extends to all chemicals, including veterinary drugs, thereby ensuring that adverse impacts on environmental quality are minimised</p> <p>Requirement: Yes</p> <p>Applicability: All</p>	<p>There is a HSE risk management in place. Different type of hazards are identified and analysed and control measures are made or defined. Several procedures (e.g. "Hygienereglement - 13.1.2021 Matfisk" ID 127, "Prosedyre for oppbevaring håndtering av kjemikalier og gasser", ID 473, 25.3.2021) and documents are kept in Intelix and updated if there is an incident, or after monitoring and review of the action plans. For example, waste managment plan for the site was verified. Cleaning plans for site was seen. Fish health plan for site on use of veterinary drugs was checked. ID 146 Prosedyre for besøkende 2.9.2020.</p> <p>Staff competences and awareness was also verified either during the interviews, or qualifications and training certificates. Site was clean and tidy.</p>	Compliant															
2.3.1	<p>Indicator: Percentage of fines (25) in the feed at point of entry to the farm (26) (calculated following methodology in Appendix I of the Salmon standard v.1.3)</p> <p>Requirement: < 1% by weight of the feed</p> <p>Applicability: All farms except; To be measured every quarter or every three months. Samples that are measured shall be chosen randomly. Feed may be sampled immediately prior to delivery to farm for sites with no feed storage where it is not possible to sample on farm. Closed production systems that can demonstrate the collection and responsible disposal of > 75% of solid nutrients and > 50% of dissolved nutrients (through biofiltration, settling and/or other technologies) are exempt.</p>	<p>The dust in the feed is tested at farm at least pr quarter. Percentage of fines according to ASC requirements on Appendix I-2 has been calculated according to internal QMS Intelix procedure "Prosedyre førmottak og lagring" ID 260 25.3.2020. Calibration plan Matfisk seen ID 90 updated 2.3.2021. Weight is calibrated according to procedure.</p> <p>Fines measured</p> <p>- 4.8.2021 - 0,1% fines.</p> <p>- 8.5.2021 - 0,2% fines</p> <p>Non above 1%</p> <p>Always every quarter. In 2021, monthly testing, for each delivery.</p>	Compliant															
2.4.1	<p>Indicator: Evidence of an assessment of the farm's potential impacts on biodiversity and nearby ecosystems that contains at a minimum the components outlined in Appendix I-3</p> <p>Requirement: Yes</p> <p>Applicability: All</p>	<p>As part of the regulatory permit for operating the site and ASC requirement on Appendix I-3 a risk assessment with developed actions for potential environmental and biodiversity risks has been made as part of the application for operation and according to procedure "Særskilt om ytre miljø og vedlegg til risikovurdering" ID 387. For example as part of the risk management, to reduce the risk of fish escape all main components of the farm are certified according to NS 9415.2009 and NYTEK. To assess the impact of fish farming on benthos a B- and C-Survey is conducted according to requirements in national legislation (see 2.1.1-2.1.3). Furthermore, the impacts consequence assessment performed according to Appendix I-3. Birds and other mammals are also considered into account in the risk management with appropriate control measures in place.</p> <p>Biodiversity evaluation "Biodiversitets-fokusert risikovurdering - Husfjord, Hamnefjord, Slettnes including site - seen. Updated Mai 2019.</p>	Compliant															
2.4.2	<p>Indicator: Allowance for the farm to be sited in a protected area (27) or High Conservation Value Areas(28) (HCVAs)</p> <p>Requirement: None (29)</p> <p>Applicability: All. The following exceptions shall be made:</p> <ul style="list-style-type: none">• For protected areas classified by the International Union for the Conservation of Nature (IUCN) as Category V or VI (these are areas preserved primarily for their landscapes or for sustainable resource management).• For HCVAs if the farm can demonstrate that its environmental impacts are compatible with the conservation objectives of the HCVA designation. The burden of proof would be placed on the farm to demonstrate that it is not negatively impacting the core reason an area has been identified as a HCVA.• For farms located in a protected area if it was designated as such after the farm was already in operation and provided the farm can demonstrate that its environmental impacts are compatible with the conservation objectives of the protected area and it is in compliance with any relevant conditions or regulations placed on the farm as a result of the formation/designation of the protected area. The burden of proof would be placed on the farm to demonstrate that it is not negatively impacting the core reason an area has been protected.	<p>Naturbase map with all known protected areas is defined. Cermaq has declared its policy related to HCVA dt.01-08-2016. The site is not in conflict with protected areas, HCVA or CAs. Also considered in impacts consequence asessment performed according to Appendix I-3. The GIS coordiates of the centroid point and boundaries of the farm has been also confirmed in the ASC GIS Data Portal the site is not in conflict with protected areas, HCVA or CAs.</p> <p>The position of GIS coordinates for the site was verified at audit.</p>	Compliant															

2.5.1	<p>Indicator: Number of days in the production cycle when acoustic deterrent devices (ADDs) or acoustic harassment devices (AHDs) were used</p> <p>Requirement: 0</p> <p>Applicability: All</p>	<p>No ADDs or AHDs have been used by the farm. The birdnets were the only predator contol devices. This was also verified via interview with the site workers and site visit.</p>	Compliant															
2.5.2	<p>Indicator: Number of mortalities (32) of endangered or red-listed (33) marine mammals or birds on the farm</p> <p>Requirement: 0 (zero)</p> <p>Applicability: All</p>	<p>Nets on the cages are only devices used by the farm to control birds. All predators incidents are recorded by the farm empolyess according to internal procedure ID.nr. 395 on ASC handling on predators to record all mammals and birds' mortalities. There was no mortality of endangered or red-listed marine mamnals and birds in the farm.</p> <p>The site has made a list of the red list of endangered or red-listed marine mammals and birds in the area to assess the effect of the farm as part of the application for operation. The red list of endangered or red-listed marine mammals and birds in the area are according to "Norsk Rødliste for arter-2018" - fra Artsdatabanken". The species in the Red List are assigned to one of six categories, ranked by their risk of extinction.</p> <p>Biodiversity evaluation "Biodiversitets-fokusert risikovurdering - Husfjord, Hamnefjord, Slettnes including site - seen. Updated Mai 2019.</p>	Compliant															
2.5.3	<p>Indicator: Evidence that the following steps were taken prior to lethal action (34) against a predator:</p> <p>1. All other avenues were pursued prior to using lethal action</p> <p>2. Approval was given from a senior manager above the farm manager</p> <p>3. Explicit permission was granted to take lethal action against the specific animal from the relevant regulatory authority</p> <p>Requirement: Yes (35)</p> <p>Applicability: All, except cases where human safety is endangered' Exception to these conditions may be made for a rare situation where human safety is endangered. Should this be required, post-incident approval from a senior manager should be made and relevant authorities must be informed.</p>	<p>No lethal actions has been taken at farm. Internal records checked. There is a procedure " samspill med dyr og fugler with ID number 395" in place to follow the required actions by ASC and Norwegian regulations. VR0436 is used.</p> <p>https://www.asc-aqua.org/what-you-can-do/get-certified/variance-request-interpretation-platform/VR0436/</p>	Compliant															
2.5.4	<p>Indicator: Evidence that information about any lethal incidents on the farm has been made easily publicly available (36)</p> <p>Requirement: Yes</p> <p>Applicability: All</p>	<p>The information about any lethal incidents is made easy available here ref. https://www.cermaq.no/baerekraft/milj%C3%88resultater .</p>	Compliant															
2.5.5	<p>Indicator: Maximum number of lethal incidents (37) on the farm over the prior two years</p> <p>Requirement: < 9 lethal incidents, (38) with no more than two of the incidents being marine mammals</p> <p>Applicability: All</p>	<p>Six lethal incidents last two years with non of the incidents being marine mammals.</p>	Compliant															
2.5.6	<p>Indicator: In the event of a lethal incident, evidence that an assessment of the risk of lethal incident(s) has been undertaken and demonstration of concrete steps taken by the farm to reduce the risk of future incidences</p> <p>Requirement: Yes</p> <p>Applicability: All</p>	<p>All lethal incidents are handled as NCs. There is a risk assessment and procedure "samspill med dyr og fugler" ID 395 incident of entanglement recorded last cycle. If the risk is considered high due to high mortality incidents the procedure and action plans are updated.</p>	Compliant															

3.1.1	<p>Indicator: Participation in an Area-Based Management (ABM) scheme for managing disease and resistance to treatments that includes coordination of stocking, following therapeutic treatments and information sharing. Detailed requirements are in Appendix II of the Salmon standard v.1.3</p> <p>Requirement: Yes</p> <p>Applicability: All except farms that release no water; Farm sites for which there is no release of water that may contain pathogens into the natural (freshwater or marine) environment are exempt from the standards under Criterion 3.1.</p>	<p>An ABM is a requirement in national legislation fighting salmon lice. All sites report weekly to NFSA through Altinn, where info is automatically available on Barentswatch webpage https://www.barentswatch.no/fiskehelse/ for all farms in zones and nationally. Site is part of regional and localised area based management schemes for Finnmark region. A collaboration between aquaculture companies coordinate lice treatments and general fish health work, coordinated by Åkerblå AS. Plan "Samordnet Plan for kontroll og bekjempelse av lakselus" updated 26.01.21 and signed by coordinator, Koordinator Lusegruppe Finnmark in Fish Health Consultant company Åkerblå AS describes the relationship between sites in the area. Lice numbers and treatment information is shared between sites weekly. Within the ABM sites are separated into a smaller grouping with a 5 km distance between each group. Each of these individual groups synchronises their fallow period after every cycle. Regular meetings between participants in ABM 100% of farms included where issues are discussed.</p>	Compliant														
3.1.2	<p>Indicator: A demonstrated commitment (42) to collaborate with NGOs, academics and governments on areas of mutually agreed research to measure possible impacts on wild stocks</p> <p>Requirement: Yes</p> <p>Applicability: All except farms that release no water; Farm sites for which there is no release of water that may contain pathogens into the natural (freshwater or marine) environment are exempt from the standards under Criterion 3.1.</p>	<p>Commitment and participation of Cermaq Norway AS is documented in several projects with NGOs, academics and governments as follows: 1. Varpa project - Ruseprosjektet 2016, with Norwegian Authorities, active 2018 (Nordland) GSI member, active 2018 ASRC project with Ewos Innovation, feed for arctic conditions, 4 R&D licences "Skjellprøveprosjektet", Repafjordelva og Altaelva, active 2018, together with local stakeholders (Jeger og Fisk, ALI og VFJF) Monitoringprogram with NINA, ALI and VFJF, active 2018 Kompetansekyllinge laks (Knowledge-cluster Salmon), leading by a commites where Cermaq is included, active 2018. Including several subprojects, year to year perspective HI, NIVA and Hammerfest Kommune, kunstig rev/tareskog, creating a godd environment for cod stock (conditions for cod spawning in Hammerfest community), active 2018, description form 2016, project owner Hammerfest community, ongoing to 2020 ClimeFish (2017), contribute with data and input from production, EU project 677039, NOFIMA, UIT, University of Stirling, AVS, how climate changes affect aquaculture, ongoing to 2020.</p> <p>The projects are evaluated by technical team local and at company level. No rejection. An example of postponed proposals were shown during the audit. Some projects are publicly shared online.</p>	Compliant														
3.1.3	<p>Indicator: Establishment and annual review of a maximum sea lice load for the entire ABM and for the individual farm as outlined in Appendix II of the Salmon standard v.1.3</p> <p>Requirement: Yes</p> <p>Applicability: All except farms that release no water; Farm sites for which there is no release of water that may contain pathogens into the natural (freshwater or marine) environment are exempt from the standards under Criterion 3.1.</p>	<p>The maximum sea lice load for the entire ABM and the individual farm is: 0.5 mature sea lice per fish and 0.2 sea lice per fish in the sensitive smolt migration period according to Norwegian regulation of FOR-2012-12-05-1140. There is also an internal procedures in Intelix "Samordnet plan for kontroll og bekjempelse av lakselus" ID 959.</p> <p>Governmental researh institutes monitor sea lice load on wild salmon. Sea lice load are set by and controlled by the authorities through legal regulations and maximum levels are adapted to different geographical areas in Norway based on the monitoring lice level on wild salmonids. The site manager reports to the authorities the lice number each week. Reports are reviewed by NFSA and Luse -nettverket weekly. The results are available at "www.barentswatch.no" with lice levels, treatment etc. published in this public website.</p>	Compliant														
3.1.4	<p>Indicator: Frequent (43) on-farm testing for sea lice, with test results made easily publicly available (44) within seven days of testing</p> <p>Requirement: Yes</p> <p>Applicability: All except farms that release no water; Farm sites for which there is no release of water that may contain pathogens into the natural (freshwater or marine) environment are exempt from the standards under Criterion 3.1.</p>	<p>The lice are counted weekly and are reported to NFSA via Altinn. Lice are counted in all cages, according NFSA regulation, minimum 20 fish in each cage are sampled. There is an exemption for periods with temperatures below 4 °C allowing fams to have the testing every 14 days according to NFSA regulation. The results are available at "www.barentswatch.no" with lice levels, treatment etc. published in this public website.</p>	Compliant														
3.1.5	<p>Indicator: In areas with wild salmonids, (45) evidence of data (46) and the farm's understanding of that data, around salmonid migration routes, migration timing and stock productivity in major waterways within 50 kilometres of the farm</p> <p>Requirement: Yes</p> <p>Applicability: All farms operating in areas with wild salmonids except farms that release no water; Farm sites for which there is no release of water that may contain pathogens into the natural (freshwater or marine) environment are exempt from the standards under Criterion 3.1.</p>	<p>Review of the biodiversity risk evaluation for the area (Biodiversity evaluation "Biodiversitets-fokusert riskovurdering - Husfjord, Hamnefjord, Slettnes including site - seen. Updated Mai 2019.), performed by Cermaq, demonstrated knowledge of potential wild salmon routes and the migration periods; including the potential negative effects caused by the farm in relation to this. The risk evaluation references data collected by national research institutions such as the Norwegian Institute for Nature Research (NINA) and the Institute of Marine Research. There are 41 km til Kvalsundelva.</p>	Compliant														
3.1.6	<p>Indicator: In areas of wild salmonids, monitoring of sea lice levels on wild out migrating salmon juveniles or on coastal sea trout or Arctic char, with results made publicly available. See requirements in Appendix III of the Salmon standard v.1.3</p> <p>Requirement: Yes</p> <p>Applicability: All farms operating in areas with wild salmonids except farms that release no water; Farm sites for which there is no release of water that may contain pathogens into the natural (freshwater or marine) environment are exempt from the standards under Criterion 3.1.</p>	<p>VR136: Norwegian legislation does not allow for private research on wild salmonids. Therefore research is conducted by the national research insitute - the Institute for Marine Research. The methodology, results and analysis are made publicly available and demonstrate scientific rigor in the sampling size, location and method.</p>	Compliant							136							

3.1.7	<p>Indicator: In areas of wild salmonids, maximum on-farm lice levels during sensitive periods for wild fish (47). See detailed requirements in Appendix II of the Salmon standard v.1.3</p> <p>Requirement: 0.1 mature female lice per farmed fish</p> <p>Applicability: All farms operating in areas with wild salmonids except farms that release no water; Farm sites for which there is no release of water that may contain pathogens into the natural (freshwater or marine) environment are exempt from the standards under Criterion 3.1.</p>	<p>VR227 Allows for 0.2 mature female lice during the sensitive period and accepts the sensitive periods as set by Norwegian regulations. For the region of Tromsø and Finnmark, the sensitive period is defined as weeks 21-26 each year.</p> <p>Ref. procedure ID 321 reporting of lice counts. The site is compliant regarding this indicator.</p>	Compliant								227							
3.2.1	<p>Indicator: If a non-native species is being produced, demonstration that the species was widely commercially produced in the area by the date of publication of the ASC Salmon standard</p> <p>Requirement: Yes (49)</p> <p>Applicability: All farms. Exceptions shall be made for production systems that use 100 percent sterile fish or systems that demonstrate separation from the wild by effective physical barriers that are in place and well-maintained to ensure no escapes of reared specimens or biological material that might survive and subsequently reproduce.</p>	<p>N/A. Atlantic Salmon (Salmo salar) is a native species and the only species produced at site.</p>	N/A															
3.2.2	<p>Indicator: If a non-native species is being produced, evidence of scientific research (50) completed within the past five years that investigates the risk of establishment of the species within the farm's jurisdiction and these results submitted to ASC for review (51)</p> <p>Requirement: Yes (52)</p> <p>Applicability: All</p>	<p>N/A. Atlantic Salmon (Salmo salar) is a native species and the only species produced at site.</p>	N/A															
3.2.3	<p>Indicator: Use of non-native species for sea lice control for on-farm management purposes</p> <p>Requirement: None</p> <p>Applicability: All</p>	<p>There have been no cleanerfish used on site during this cycle.</p>	Compliant															
3.3	<p>Indicator: Use of transgenic (54) salmon by the farm</p> <p>Requirement: None</p> <p>Applicability: All</p>	<p>There are no transgenic salmon used by the farm. Smolt suppliers do not use transgenic fish. Statement on ova stock information present on Product CV's confirm egg source as non transgenic. Aquagen 6.1.2020 GMO. Benchmark 6.12.2019 "Erklæring om GMO-status".</p>	Compliant															
3.4.1	<p>Indicator: Maximum number of escapees (57) in the most recent production cycle</p> <p>Requirement: 300 (58)</p> <p>Applicability: All farm. A rare exception to this standard may be made for an escape event that is clearly documented as being outside the farm's control. Only one such exceptional episode is allowed in a 10-year period for the purposes of this standard. The 10- year period starts at the beginning of the production cycle for which the farm is applying for certification. The farmer must demonstrate that there was no reasonable way to predict the events that caused the episode. See auditing guidance for additional details.</p>	<p>No reports of escapees from site in 2020-2021.</p>	Compliant															

3.4.2	<p>Indicator: Accuracy (59) of the counting technology or counting method used for calculating stocking and harvest numbers</p> <p>Requirement: ≥ 98%</p> <p>Applicability: All</p>	<p>The counting technology used is the AquaScan Registration Unit CSF4000. Statement 21.5.2016. Manufacturer specifications demonstrate the counters to be 98-100% accurate.</p> <p>Pentair/Vaki above 99% 2017.</p>	Compliant														
3.4.3	<p>Indicator: Estimated unexplained loss (60) of farmed salmon is made publicly available</p> <p>Requirement: Yes</p> <p>Applicability: All</p>	<p>Specific site reports and records documented and available in production and recording system FishTalk. System implemented to make EUL value information easily publically available on corporate webpage</p> <p>https://www.cermaq.com/wps/wcm/connect/cermaq/cermaq/our-sustainablechoice/asc-dashboard/</p> <p>EUL 1.63 % for last generation 2018G</p> <p>EUL = (stocking count: 1619059) - (harvest count: 1527095) - (mortalities: 118347) - (recorded escapes: 0) = 1,63%</p>	Compliant														
3.4.4	<p>Indicator: Evidence of escape prevention planning and related employee training, including: net strength testing; appropriate net mesh size; net traceability; system robustness; predator management; record keeping and reporting of risk events (e.g., holes, infrastructure issues, handling errors, reporting and follow up of escape events); and worker training on escape prevention and counting technologies</p> <p>Requirement: Yes</p> <p>Applicability: All</p>	<p>Cermaq describe how to respond to an escape incident in their internal contingency plan (Beredskapsplan Cermaq Norway, Version 9. Date: 11-06-2021), included in the contingency plan is a checklist of actions to cover during suspected or actual escapes, and under which scenarios escapes are at risk of occurring. Internal responses are to occur at two levels: primary and secondary. The primary response is that of the site works, the secondary response describes the actions to be taken by managers.</p> <p>All sites have their crews. Escape prevention drills at site:</p> <p>08.05.21 Kine, Tom Stian og Frits. Rønning. OK Report.</p> <p>26.06.21 Mikael, Joao, Sibi, Marius og Rune. Rønning. OK Report.</p> <p>In addition to staff training, the farm maintains information regarding cages and nets on the database Aquacom. This includes production certificate and service cards.</p> <p>Net maintenance is performed by external subcontractors specialised in diving and ROV services. AQS did 3-months routine control and repair inspection of nets and cages 17.7.2021. There were no issues found. Should net damage be found, it will be reported via the internal database Intelex.</p>	Compliant														
4.1.1	<p>Indicator: Evidence of traceability, demonstrated by the feed producer, of feed ingredients that make up more than 1% of the feed (63)</p> <p>Requirement: Yes</p> <p>Applicability: All</p>	<p>Feed producer Biomar used 100% for 20 G.</p> <p>First EWOS and then Biomar are used on 18G.</p> <p>Seen statements regarding traceability compliance from both producers:</p> <p>EWOS: Documentation and info about feed according to ASC "Dokumentasjon og informasjon om fôr levert iht. ASC" updated 20.08.2021.</p> <p>Biomar:</p> <p>Proof of Mass Balance Compliance for BioMar Norway 2020, updated 20.02.2021.</p> <p>Both EWOS and Biomar are GLOBALG.A.P. CFM certified:</p> <p>EWOS with the GGN number 4050373825744 valid to 16-06-2022.</p> <p>Biomar AS GGN number 4050373810030 vaid to 20.08.2021</p>	Compliant														
4.2.1	<p>Indicator: Fishmeal Forage Fish Dependency Ratio (FFDRm) for grow-out (calculated using formulas in Appendix IV of the Salmon standard v.1.3)</p> <p>Requirement: < 1.2</p> <p>Applicability: All</p>	<p>Detailed information on the feed composition were seen including percentage of fishmeal derived from trimmings and fishmeal derived from forage fisheries. Trimmings are excluded in the calculations.</p> <p>For last completed production cycle 18G - both feed producers EWOS and Biomar. For current production cycle Biomar. Calculation of FFDRm is as follows:</p> <p>For the previous and completed productions cycle 18G:</p> <p>Total feed used : 7760,43 mt</p> <p>Fish meal from forage fishes: Biomar: 5,7% and EWOS: 11,2%</p> <p>eFCR: 1,14</p> <p>FFDRm: (% fishmeal in feed from forage fisheries) x (eFCR)/24= 0,31</p> <p>For the current (20G) production cycle to date:</p> <p>eFCR = 1,14</p> <p>FFDRm = 0,30</p>	Compliant														
4.2.2	<p>Indicator: Fish Oil Forage Fish Dependency Ratio (FFDRo) for grow-out (calculated using formulas in Appendix IV of the Salmon standard v.1.3), or, Maximum amount of EPA and DHA from direct marine sources (65)(calculated according to Appendix IV of the Salmon standard v.1.3)</p> <p>Requirement: FFDRo < 2.52 or (EPA + DHA) < 30 g/kg feed</p> <p>Applicability: All</p>	<p>Detailed information on the feed composition were seen. For example the percentage of fish oil derived from trimmings and fish oil derived from forage fisheries were seen. Trimmings are excluded in the calculations.</p> <p>For last completed production cycle 18G - both feed producers EWOS and Biomar. For current production cycle Biomar. Calculation of FFDRo is as follows:</p> <p>For the previous and completed productions cycle 18G:</p> <p>Total feed used : 7760,43 mt</p> <p>Fish oil (South-)America, % of feed: EWOS 6,4 % and Biomar 5,71%</p> <p>Fish oil North atlantic, % of feed: EWOS 1,7 % and Biomar 2,03%</p> <p>FFDRo: (% Fishoil in feed from forage fisheries)x (eFCR)/5.0 or 7.0, depending on source of fish = 1,61.</p> <p>For the current (20G) production cycle to date:</p> <p>eFCR = 1,14</p> <p>FFDRm = 1,58</p>	Compliant														

4.3.1	<p>Indicator: Timeframe for all fishmeal and fish oil used in feed to come from fisheries(s) certified under a scheme that is an ISAL member (67) and has guidelines that specifically promote responsible environmental management of small pelagic fisheries</p> <p>Requirement: Not required</p> <p>Applicability: N/A</p>	N/A	N/A															
4.3.2	<p>Indicator: Prior to achieving 4.3.1, the FishSource score (65, 68) for the fishery(ies) from which all marine raw material in feed is derived</p> <p>Requirement: All individual scores ≥ 6, and biomass score ≥ 6</p> <p>Applicability: All</p>	Seen statements regarding Fish Source compliance from both producers: EWOS: Documentation and info about feed according to ASC "Dokumentasjon og informasjon om fôr levert iht. ASC" updated 20.08.2021. Biomar: Proof of Mass Balance Compliance for BioMar Norway 2020INFORMATION AND DOCUMENTATION FROM FEED SUPPLIER FOR COMPLIANCE WITH ASC SALMON STANDARD VERSION 1.3 2020 update 22.02.2021.	Compliant															
4.3.3	<p>Indicator: Prior to achieving 4.3.1, demonstration of third-party verified chain of custody and traceability for the batches of fishmeal and fish oil which are in compliance with 4.3.2</p> <p>Requirement: Yes</p> <p>Applicability: All</p>	Seen statements regarding demonstration of third-party CoC and traceability compliance from both producers: EWOS: Documentation and info about feed according to ASC "Dokumentasjon og informasjon om fôr levert iht. ASC" updated 20.08.2021. Biomar: Proof of Mass Balance Compliance for BioMar Norway 2020INFORMATION AND DOCUMENTATION FROM FEED SUPPLIER FOR COMPLIANCE WITH ASC SALMON STANDARD VERSION 1.3 2020 update 22.02.2021. Both EWOS and Biomar are GLOBALG.A.P. CFM certified: EWOS with the GGN number 4050373825744 valid to 16-06-2022. Biomar AS GGN number 4050373810030 valid to 20.08.2021	Compliant															
4.3.4	<p>Indicator: Feed containing fishmeal and/or fish oil originating from by-products (69) or trimmings from IUU (70) catch or from fish species that are categorized as vulnerable, endangered or critically endangered, according to the IUCN Red List of Threatened Species(71), whole fish and fish meal from the same species and family as the species being farmed</p> <p>Requirement: None (72)</p> <p>Applicability: All, For species listed as "vulnerable" by IUCN, an exception is made if a regional population of the species has been assessed to be not vulnerable in a National Red List process that is managed explicitly in the same science-based way as IUCN. In cases where a National Red List doesn't exist or isn't managed in accordance with IUCN guidelines, an exception is allowed when an assessment is conducted using IUCN's methodology and demonstrates that the population is not vulnerable.</p>	Statement from the feed supplier on compliance with this indicator that no fishmeal and/or fish oil originating from by-products or trimmings from IUU catch or from fish species that are categorized as vulnerable, endangered or critically endangered, according to the IUCN Red List of Threatened Species, whole fish and fish meal from the same species and family as the species being farmed. EWOS: Documentation and info about feed according to ASC "Dokumentasjon og informasjon om fôr levert iht. ASC" updated 20.08.2021. Biomar: Proof of Mass Balance Compliance for BioMar Norway 2020INFORMATION AND DOCUMENTATION FROM FEED SUPPLIER FOR COMPLIANCE WITH ASC SALMON STANDARD VERSION 1.3 2020 update 22.02.2021. Both EWOS and Biomar are GLOBALG.A.P. CFM certified: EWOS with the GGN number 4050373825744 valid to 16-06-2022. Biomar AS GGN number 4050373810030 valid to 20.08.2021	Compliant															
4.3.5	<p>Indicator: Presence and evidence of a responsible sourcing policy for the feed manufacturer for marine ingredients that includes a commitment to continuous improvement of source fisheries (73)</p> <p>Requirement: Yes</p> <p>Applicability: All</p>	Seen statements regarding responsible sourcing policy compliance from both feed producers: EWOS: Documentation and info about feed according to ASC "Dokumentasjon og informasjon om fôr levert iht. ASC" updated 20.08.2021. Biomar: Proof of Mass Balance Compliance for BioMar Norway 2020INFORMATION AND DOCUMENTATION FROM FEED SUPPLIER FOR COMPLIANCE WITH ASC SALMON STANDARD VERSION 1.3 2020 update 22.02.2021. RAW MATERIALS PURCHASING POLICY FOR BIOMAR NORWAY 2020, update 18.01.2021. Both EWOS and Biomar are GLOBALG.A.P. CFM certified: EWOS with the GGN number 4050373825744 valid to 16-06-2022. Biomar AS GGN number 4050373810030 valid to 20.08.2021	Compliant															
4.4.1	<p>Indicator: Presence and evidence of a responsible sourcing policy for the feed manufacturer for feed ingredients that comply with recognized crop moratoriums(76) and local laws(77)</p> <p>Requirement: Yes</p> <p>Applicability: All</p>	Seen statements regarding responsible sourcing policy compliance from both feed producers: EWOS: Documentation and info about feed according to ASC "Dokumentasjon og informasjon om fôr levert iht. ASC" updated 20.08.2021. Biomar: Proof of Mass Balance Compliance for BioMar Norway 2020INFORMATION AND DOCUMENTATION FROM FEED SUPPLIER FOR COMPLIANCE WITH ASC SALMON STANDARD VERSION 1.3 2020 update 22.02.2021. RAW MATERIALS PURCHASING POLICY FOR BIOMAR NORWAY 2020, update 18.01.2021. Both EWOS and Biomar are GLOBALG.A.P. CFM certified: EWOS with the GGN number 4050373825744 valid to 16-06-2022. Biomar AS GGN number 4050373810030 valid to 20.08.2021	Compliant															

4.4.2	<p>Indicator: Percentage of soya or soya-derived ingredients in the feed that are certified by the Roundtable for Responsible Soy (RTRS) or equivalent (78)</p> <p>Requirement: 100%</p> <p>Applicability: All</p>	<p>Seen statements regarding soya or soya-derived ingredients from both feed producers: EWOS: Documentation and info about feed according to ASC "Dokumentasjon og informasjon om fôr levert iht. ASC" updated 20.08.2021.</p> <p>Biomar: Proof of Mass Balance Compliance for BioMar Norway 2020INFORMATION AND DOCUMENTATION FROM FEED SUPPLIER FOR COMPLIANCE WITH ASC SALMON STANDARD VERSION 1.3 2020 update 22.02.2021.</p> <p>RAW MATERIALS PURCHASING POLICY FOR BIOMAR NORWAY 2020, update 18.01.2021.</p> <p>Both EWOS and Biomar are GLOBALG.A.P. CFM certified: EWOS with the GGN number 4050373825744 valid to 16-06-2022. Biomar AS GGN number 4050373810030 valid to 20.08.2021</p>	Compliant															
4.4.3	<p>Indicator: Evidence of disclosure to the buyer(79) of the salmon of inclusion of transgenic(80) plant raw material, or raw materials derived from transgenic plants, in the feed</p> <p>Requirement: Yes, for each individual raw material containing > 1% transgenic content (81)</p> <p>Applicability: All</p>	<p>There are statements from both feed suppliers on traceability of raw material and ingredients containing >1% transgenic content as follows:</p> <p>EWOS: Documentation and info about feed according to ASC "Dokumentasjon og informasjon om fôr levert iht. ASC" updated 20.08.2021.</p> <p>Biomar AS: Statement on Compound Fish Feed 11.1.2021 Treaceability.</p>	Compliant															
4.5.1	<p>Indicator: Presence and evidence of a functioning policy for proper and responsible(83) treatment of non-biological waste from production (e.g., disposal and recycling)</p> <p>Requirement: Yes</p> <p>Applicability: All</p>	<p>Several policies are available in the internal system TQM.</p> <p>Environmental policy for Cermaq Norway AS (28.04.2021).</p> <p>Procedure for general waste handling 7 june 2018 number ID 163.</p> <p>Statment on date 06.04.2017 that no-wast is dumped to sea.</p> <p>Definition of dangerous waste and how to be handled were provided on the waste management procedure ID 291 and 2.3.2021.</p> <p>Ref. Plan for environment and biodiversity management 2020 (miljø og biodiversitetsledelse).</p> <p>Common waste materials that are produced by farm are as follows:</p> <p>Wooden pallets, residual domestic waste, old nets, used fules and oils, feed bags, metals, plastics, batteries, feedpipes, sewage, moorings equipment.</p> <p>No recycling of waste materials at the site. Records of disposal of all waste materials by accredited recycling companies were verified. Nets are serviced by a contractor and if they are not in good conditions they are recycled. All other waste are delivered to accredited waste handling companies.</p> <p>Site specific waste plan for Cermaq on-growing farms in Finnmark Hamnefjord, Husfjord, Slettnesfjor together opdated 05.07.21.</p>	Compliant															
4.5.2	<p>Indicator: Evidence that non-biological waste (including net pens) from grow-out site is either disposed of properly or recycled</p> <p>Requirement: Yes</p> <p>Applicability: All</p>	<p>For example an invoice no 111137 to Finnmark ressurselskap date 17.3.21 was seen. And delivery of dangerous waste through Avfallsdeklarering.no no. 301.315.186 Oil filter.</p>	Compliant															
4.6.1	<p>Indicator: Presence of an energy use assessment verifying the energy consumption on the farm and representing the whole life cycle at sea, as outlined in Appendix V of the Salmon standard v.1.3</p> <p>Requirement: Yes, measured in kilojoule/t fish produced/production cycle</p> <p>Applicability: All</p>	<p>Records for energy consumption by source (fuel, electricity) on the farm in the last previous production cycle 2018G were verified. Calculations and records for last complete production cyclus were as follows:</p> <p>Total Scope 1 (fuel): 2232626606 Kj</p> <p>Total scope 2 (purchased electricity)= 3026473200 Kj</p> <p>Total scope 1+2= 5256099806 Kj</p> <p>Total produced biomass: 7007 tons</p> <p>energy/ biomass produced: 750549 kj/ tonn</p> <p>Calculations comply with requirements of Appendix V-1.</p>	Compliant															
4.6.2	<p>Indicator: Records of greenhouse gas (GHG(85)) emissions(86) on farm and evidence of an annual GHG assessment, as outlined in Appendix V of the Salmon standard v.1.3</p> <p>Requirement: Yes</p> <p>Applicability: All</p>	<p>Records of greenhouse gas emissions on the farm for last ongoing production cycle 18G were verified as follows:</p> <p>Total Scope 1 (fuel): 156021 kg CO2e</p> <p>Total scope 2 (purchased electricity)= 213673 kg CO2e</p> <p>Total scope 1+2= 369693,87 kg CO2e</p> <p>Calculations comply with requirements of Appendix V-1.</p>	Compliant															

4.6.3	<p>Indicator: Documentation of GHG emissions of the feed(87) used during the previous production cycle, as outlined in Appendix V of the Salmon standard v.1.3</p> <p>Requirement: Yes</p> <p>Applicability: All</p>	<p>The statement from the feed supplier show following details: GHG emission factor EMVOS: 1,388 kg/kg feed Biomar: 2,55 kg CO₂-eq/kg feed</p> <p>The calculation of the GHG emissions is as follows: Total feed used 7760,43 tons. 1843960800 kg Co₂-eq</p>	Compliant															
4.7.1	<p>Indicator: For farms that use copper-treated nets(90), evidence that nets are not cleaned(91) or treated in situ in the marine environment</p> <p>Requirement: Yes</p> <p>Applicability: All farms. Closed production systems that do not use nets and do not use antifoulants shall be considered exempt from standards under Criterion 4.7.</p>	<p>There is a procedure "Prosedyre for kontroll, ettersyn og renhold av not with ID.nr 315" in place for net cleaning and treatment that describes techniques, technologies, use of off-site facilities, and record keeping. Washing of the nets containing copper with high pressure (>80 bar) is not allowed. For nets without antifouling the washing of the nets is allowed. Copper-based treatments are used on nets - NetWax NI Gold consisting of dicopper oxide.</p> <p>The nets are coated with NetWax NI Gold. Cage Nr. 1 HVN 4906 Certificate 015.01-4901-4908 27.09.2019 Servicecard: 01.04.2020 wash/desinfect 29.01.2020. NetWax NI Gold. New: 27.09.2019</p>	Compliant															
4.7.2	<p>Indicator: For any farm that cleans nets at on-land sites, evidence that net-cleaning sites have effluent treatment (92)</p> <p>Requirement: Yes</p> <p>Applicability: All farms. Closed production systems that do not use nets and do not use antifoulants shall be considered exempt from standards under Criterion 4.7.</p>	<p>Each net service company has certification form the authorities to clean nets at their facilities. All the nets are serviced and cleaned by Mørenot AS Hammerfest. . They are certified to ISO 14001:2015. All solids are collected and effluent water is tested for compliance to strict effluent requirements according to Section 25-04 of the Pollution Regulation (Discharges of up to 2 kg of copper / year from land-based facilities for washing farmed nets).</p>	Compliant															
4.7.3	<p>Indicator: For farms that use copper nets or copper-treated nets, evidence of testing for copper level in the sediment outside of the AZE, following methodology in Appendix I of the Salmon standard v.1.3</p> <p>Requirement: Yes</p> <p>Applicability: All farms. Closed production systems that do not use nets and do not use antifoulants shall be considered exempt from standards under Criterion 4.7.</p>	<p>Copper-based treatments are used on nets, but no cleaning on site. Copper level in sediment is measured in connection with C-survey sampling. See 2.1.1</p>	Compliant															
4.7.4	<p>Indicator: Evidence that copper level(93) are < 34 mg Cu/kg dry sediment weight, or, in instances where the Cu in the sediment exceeds 34 mg Cu/kg dry sediment weight, demonstration that the Cu concentration falls within the range of background concentrations as measured at three reference sites in the water body</p> <p>Requirement: Yes</p> <p>Applicability: All farms. Closed production systems that do not use nets and do not use antifoulants shall be considered exempt from standards under Criterion 4.7.</p>	<p>The farm has conducted testing of copper levels in sediment for the last production cycle. For the current generation this will be done with C-survey at peak biomass.</p> <p>Copper level is below 34 mg/kg at all sampling stations outside AZE.</p>	Compliant															
4.7.5	<p>Indicator: Evidence that the type of biocides used in net antifouling are approved according to legislation in the European Union, or the United States, or Australia</p> <p>Requirement: Yes</p> <p>Applicability: All farms. Closed production systems that do not use nets and do not use antifoulants shall be considered exempt from standards under Criterion 4.7.</p>	<p>The biocide used on site is NetWax NI Gold, produced by Steen Hansen. The Safety Datasheet for NetWax NI Gold shows dicopperoxide to be the active ingredient in the coating. The use of biocide Dicopperoxide is approved under the Norwegian biocide order (FOR-2017-04-18-480) of 18-04-17, Ministry of Climate and Environment, and EU regulation 2016/1089.</p>	Compliant															

5.1.1	<p>Indicator: Evidence of a fish health management plan for the identification and monitoring of fish diseases, parasites and environmental conditions relevant for good fish health, including implementing corrective action when required</p> <p>Requirement: Yes</p> <p>Applicability: All</p>	<p>There is a fish health plan which covers the Cermaq farms in the same area (Fish Health Plan: Kraken, Slettnesfjord, Hamnefjord, Husfjord. Last reviewed 18-03-21). It provides a general overview of all areas related to fish health, such as disease identification and monitoring, environmental conditions and when corrective actions are required. It is signed by a veterinarian (initials: E.A.M). The health plan also links out to more specific procedures for each category. For example, when the fish will undergo non-medicated treatment for sea lice, the site shall follow the specific procedure for this ("Prosedyre for avlusning ved bruk av ikke medikamentell metode", Updated: 11-05-2021, dok no.: 1214- Version 2) which describes who has responsibility during treatments, the frequency of treatments and when treatments are needed. It also outlines the steps needing to be taken before deciding a treatment, before receiving treatment, during and after treatment.</p>	Compliant														
5.1.2	<p>Indicator: Site visits by a designated veterinarian(95) at least four times a year, and by a fish health manager(96) at least once a month</p> <p>Requirement: Yes</p> <p>Applicability: All</p>	<p>Admincontrol database shows all reports from fish health site visits, demonstrating visits take place every month. For example: Visit date: 14-07-21. Routine visit performed by external Fish Health Biologist from Marin Helse. During the visit mortalities were reviewed and an assessment of conditions on site was made.</p>	Compliant														
5.1.3	<p>Indicator: Percentage of dead fish removed and disposed of in a responsible manner</p> <p>Requirement: 100% (97)</p> <p>Applicability: All</p>	<p>Records of daily uptake, PH of ensilage, commercial documents and records of consignments verified and in place.</p> <p>UoC has developed their own records of consignments and are now using digital signature on commercial documents. UoC has before audit detected NC on behalf of collector, not giving their receiver name and approval number on commercial documents. The NC has ID 17027 in intellex.</p>	Compliant														
5.1.4	<p>Indicator: Percentage of mortalities that are recorded, classified and receive a post-mortem analysis</p> <p>Requirement: 100% (98)</p> <p>Applicability: All</p>	<p>100% of mortalities are classified and recorded in the database FishTalk. Detailed information given in the transparency data submitted to ASC. All site staff have taken training in fish health and classifying mortalities as documented on the internal Cermaq database. During fish health visits, health personel ensure staff are appropriately categorising mortalities. In addition to this, a selection of dead fish are sampled and tested for disease. For example: external laboratory Patogen report (Date of report: 23-07-21, Ref.: PG073736) shows testing of 20 samples for ILAV and PD, all negative.</p>	Compliant														
5.1.5	<p>Indicator: Maximum viral disease-related mortality(99) on farm during the most recent production cycle</p> <p>Requirement: ≤ 10%</p> <p>Applicability: All</p>	<p>Most Recent Production Cycle 18G:</p> <p>Total Mortality: 7.31%</p> <p>Virus mortality: 0.99%</p> <p>Unknown: 1.14%</p> <p>Maximum Viral Sum: 2.13%</p>	Compliant														
5.1.6	<p>Indicator: Maximum unexplained mortality rate from each of the previous two production cycles, for farms with total mortality > 6%</p> <p>Requirement: ≤ 40% of total mortalities</p> <p>Applicability: All farms with > 6% total mortality in the most recent complete production cycle</p>	<p>Most Recent Production Cycle 18G:</p> <p>Total Mortality: 7.31%</p> <p>Maximum Unexplained Mortality: 1.14%</p> <p>Mortality rate for Slettnesfjord 18G is 7.31 %. Of total mortalities, 0,99% was classified as virus and 18,87% as unknown cause. Accumulated virus and unknown cause is 1,14%</p> <p>Mortality rate 16G was 12,28%, where of 20,21 % was classified as virus and 12,37% as unknown cause. Accumulated virus and unknown was 4,0%. Date were submitted to ASC on 22-05-2019.</p>	Compliant														

5.1.7	<p>Indicator: A farm-specific mortalities reduction program that includes defined annual targets for reductions in mortalities and reductions in unexplained mortalities</p> <p>Requirement: Yes</p> <p>Applicability: All</p>	<p>In the document "SLETTNES 18G CS økonomi presentation", mortality goals are outlined. The goal for the previous generation 18G: 8%, actual result: 7.31%. For the current 20G group, "SLETTNES 20G CS økonomi presentation" presents the farm specific goal as under 7%, regional goal of 15.05% in Finnmark.</p>	Compliant															
5.2.1	<p>Indicator: On-farm documentation that includes, at a minimum, detailed information on all chemicals(101) and therapeutants used during the most recent production cycle, the amounts used (including grams per ton of fish produced), the dates used, which group of fish were treated and against which diseases, proof of proper dosing, and all disease and pathogens detected on the site</p> <p>Requirement: Yes</p> <p>Applicability: All</p>	<p>All chemicals and therapeutants are registered on the internal database FishTalk, including the amount used and what the purpose for the use is . For example, Prescription for Benzoak Vet, used for sedation (Date: 26-05-2021, Ref.: 210526eam, Signed by Veterinarian EAM). The prescription also included information on how administer the feed and to which fish groups/cages. All records are maintained for more than the two previous cycles. All therapeutants which could be allowed to be used during a cycle are described in the fish health plan.</p>	Compliant															
5.2.2	<p>Indicator: Allowance for use of therapeutic treatments that include antibiotics or chemicals that are banned(102) in any of the primary salmon producing or importing countries (103)</p> <p>Requirement: None</p> <p>Applicability: All</p>	<p>The Fish Health Plan (Fish Health Plan: Kraken, Slettnesfjord, Hamnefjord, Husfjord. Last reviewed 18-03-21) lists all approved substances that are acceptable to be used on site. The list is compliant with EU regulations.</p> <p>The Norwegian Food Safety Authority manage mandatory chemical residue testing (heavy metals, pesticides, antibiotics etc.). Results published by The National Institute of Nutrition and Seafood Research (NIFES) at Institute of Marine Research. These regulatory bodies contact MOWi if threshold levels are exceeded. The Norwegian surveillance program comply with EU regulations and is scrutinized by European Food Safety Authority (EFSA).</p>	Compliant															
5.2.3	<p>Indicator: Percentage of medication events that are prescribed by a veterinarian</p> <p>Requirement: 100%</p> <p>Applicability: All</p>	<p>All medication events are prescribed by an approved Veterinarian or Fish Health Biologist. Veterinarians/Fish Health Biologists employed by Cermaq are registered in the legal registration system (https://register.helsedirektoratet.no/hpri) by The Norwegian Food Safety Authority.</p> <p>For example, prescription for Benzoak Vet, used for sedation (Date: 26-05-2021, Ref.: 210526eam, Signed by Veterinarian EAM)</p>	Compliant															
5.2.4	<p>Indicator: Compliance with all withholding periods after treatments</p> <p>Requirement: Yes</p> <p>Applicability: All</p>	<p>All prescriptions include withholding period information. This information is also present in the internal database FishTalk. Fish groups which are under quarantine are marked, and it is not possible to plan the harvest of these fish.</p>	Compliant															
5.2.5	<p>Indicator: The farm shall publicly report (via Appendix of the Salmon standard v.1.3) the:</p> <p>1. Weighted Number of Medicinal Treatments (see Appendix VII) for each production cycle</p> <p>2. The parasiticide load for each agent over the production cycle</p> <p>3. The benthic parasiticide residue levels</p> <p>Requirement: Yes</p> <p>Applicability: All</p>	<p>For the current 20G on site: 1 Slice treatment across the whole site from 06-09-2018 until 15-09-2020.</p>	Compliant															
5.2.6	<p>Indicator: The Weighted Number of Medicinal Treatments shall be at or below the country Entry Level (see Appendix VII of the Salmon standard v.1.3)</p> <p>Requirement: Yes</p> <p>Applicability: All</p>	<p>The current generation has had 1 WNMt, this is below the country entry level of 5 treatments.</p>	Compliant															

5.2.7	Indicator: The farm shall reduce the Weighted Number of Medicinal Treatments, after achieving indicator 5.2.6, with 25% per 2 years until the WNMt is at or below the Global Level (see Appendix VII of the Salmon standard v.1.3) Requirement: Yes Applicability: All	The current generation has had 1 WNMt, this is below the global entry level of 3 treatments.	Compliant															
5.2.8	Indicator: The farm shall implement Integrated Pest Management (IPM) according to the guidance in Appendix VII of the Salmon standard v.1.3 Requirement: Yes Applicability: All	The farm has a publicly available IPM on the Cermaq website https://www.cermaq.no/assets/IPM-Cermaq-Norway-2020-V4.pdf signed 04-11-2020 by veterinarian E.A.M. The IPM is compliant with the guidance given in Appendix VII.	Compliant															
5.2.9	Indicator: The farm shall public present (e.g. via company website) the IPM-measures that the company applies which need to be approved by a authorised veterinarian Requirement: Yes Applicability: All	The farm has a publicly available IPM on the Cermaq website https://www.cermaq.no/assets/IPM-Cermaq-Norway-2020-V4.pdf signed 04-11-2020 by veterinarian E.A.M.	Compliant															
5.2.10	Indicator: The farm shall monitor parasiticide residue levels annually in the benthic sediment directly outside the AZE Requirement: Yes Applicability: All	N/A in accordance with Q&A0112	N/A															
5.2.11	Indicator: Allowance for prophylactic use of antimicrobial treatments(104) Requirement: None Applicability: All	Fish health treatments are the only ones allowed. And no use of antibiotics on any of the sites. There is no allowance for prophylactic antimicrobial treatments as documented in the fish health plan, nor have antimicrobial treatments been administrated during the previous or current cycle as demonstrated in the records of treatments in FishTalk.	Compliant															
5.2.12	Indicator: Allowance for use of antibiotics listed as critically important for human medicine by the World Health Organization (WHO)(105) Requirement: None(106) Applicability: All	The fish health plan clearly states that no antibiotics listed as critically important for human medicine by the WHO are to be used on site. There have been no treatments with critically important antibiotics administrated during the previous or current cycle as demonstrated in the records of treatments in FishTalk.	Compliant															
5.2.13	Indicator: Number of treatments(107) of antibiotics over the most recent production cycle Requirement: ≤ 3 Applicability: All	There have been no recorded antibiotic treatments over the most recent production cycles. As demonstrated in internal treatment registrations and prescription log.	Compliant															
5.2.14	Indicator: If more than one antibiotic treatment is used in the most recent production cycle, demonstration that the antibiotic load(108) is at least 15% less that of the average of the two previous production cycles Requirement: Yes (109) Applicability: All	There have been no recorded antibiotic treatments over the most recent production cycles. As demonstrated in internal treatment registrations and prescription log.	Compliant															

5.2.15	<p>Indicator: Presence of documents demonstrating that the farm has provided buyers(110) of its salmon a list of all therapeutants used in production</p> <p>Requirement: Yes</p> <p>Applicability: All</p>	<p>Information sent to client includes the invoice, Packing list, Product and Quality Control CV, International cosignment note. The producy and quality control CV contains all informaion on treatments during the production period and all feed used. For examples: Product and Quality Control Cernaq. Farm: Hamnefjord. Cage: 01. Harvest date: 26-09-2019.</p>	Compliant															
5.3.1	<p>Indicator: Bio-assay analysis to determine resistance when two applications of a treatment have not produced the expected effect</p> <p>Requirement: Yes</p> <p>Applicability: All</p>	<p>There has been no more than one treatment with slice during the cycle, therefore there has been no need to perform specific bio-assay analysis as the treatment gave the desired effect. The most recent bio-assay was performed to check what treatments could potentially be used as shown in the Lice Advisor Report performed by external laboratory Patogen (Date: 22-01-2021, Ref.:PG068411) Samples taken from nearby site Kraken. Lice were tested for resistance against Azamethiphos, Pyrethoider and Hydrogen Peroxide.</p>	Compliant															
5.3.2	<p>Indicator: When bio-assay tests determine resistance is forming, use of an alternative, permitted treatment, or an immediate harvest of all fish on the site</p> <p>Requirement: Yes</p> <p>Applicability: All</p>	<p>There has been no more than one treatment with slice during the cycle, therefore there has been no need to perform specific bio-assay analysis as the treatment gave the desired effect.</p>	Compliant															
5.3.3	<p>Indicator: Specific rotation, providing that the farm has >1 effective medicinal treatment product available, every third treatment must belong to a different family of drugs</p> <p>Requirement: Yes</p> <p>Applicability: All</p>	<p>There has been no more than one treatment with slice during the cycle.</p>	Compliant															
5.4.1	<p>Indicator: Evidence that all salmon on the site are a single-year class(112)</p> <p>Requirement: 100% (113)</p> <p>Applicability: All farms. Exception is allowed for: 1) farm sites that have closed, contained production units where there is complete separation of water between units and no sharing of filtration systems or other systems that could spread disease, or, 2) farm sites that have >95% water recirculation, a pre-entry disease screening protocol, dedicated quarantine capability and biosecurity measures for waste to ensure there is no discharge of live biological material to the natural environment (e.g. UV or other effective treatment of effluent).</p>	<p>Harvest 2018 G from 04.10.2019 to 09.01.2020. Smolt 20G were input to site between 30-04-2020 to 12-05-2020, as shown in the Internal FishTalk database.</p>	Compliant															
5.4.2	<p>Indicator: Evidence that if the farm suspects an unidentifiable transmissible agent, or if the farm experiences unexplained increased mortality(114), the farm has: 1. Reported the issue to the ABM and to the appropriate regulatory authority 2. Increased monitoring and surveillance(115) on the farm and within the ABM 3. Promptly(116) made findings publicly available</p> <p>Requirement: Yes</p> <p>Applicability: All</p>	<p>The contingency plan for Cernaq Norway (Beredskapsplan Cernaq Norway: Version 8, date for last revision 14-12-2020. dok.no:1154.) has a section dedicated to how to respond if the farm suspects an unidentifiable transmissible agent/increase in mortality (Section 1.6 Sjekkliste ved truet Fiskevelferd/Sykdom i anlegget). It details the first and second response steps needed including reporting the issue to the ABM, increasing monitoring of mortalities and warning the authorities which then make the information publicly available.</p>	Compliant															
5.4.3	<p>Indicator: Evidence of compliance(117) with the OIE Aquatic Animal Health Code(118)</p> <p>Requirement: Yes</p> <p>Applicability: All</p>	<p>The fish health plan is based on and compliant with OIE Aquatic Animal health code, WHO guidelines and Norwegian law. The fish health plan also links to the OIE Animal health code.</p>	Compliant															

5.4.4	<p>Indicator: If an OIE-notifiable disease(119) is confirmed on the farm, evidence that:</p> <p>1. the farm, at a minimum, immediately culled the pen(s) in which the disease was detected</p> <p>2. the farm immediately notified the other farms in the ABM (120)</p> <p>3. the farm and the ABM enhanced monitoring and conducted rigorous testing for the disease</p> <p>4. the farm promptly(121) made findings publicly available</p> <p>Requirement: Yes</p> <p>Applicability: All</p>	<p>In the case of an OIE-notifiable disease being suspected or confirmed on site, the farm must follow Cermaq's contingency plan (Beredskapsplan Cermaq Norway: Version 8, date for last revision 14-12-2020. dok.no:1154.). The plan outlines primary and secondary responses, from confirming the presence of the disease, notifying authorities and the farms in the area and making the findings publicly available.</p>	Compliant															
6.1.1	<p>Indicator: Evidence that workers have access to trade unions (if they exist) and union representative(s) chosen by themselves without managerial interference</p> <p>Requirement: Yes</p> <p>Applicability: All</p>	This was SA2 audit. Social audit in SA1	Not audited															
6.1.2	<p>Indicator: Evidence that workers are free to form organizations, including unions, to advocate for and protect their rights</p> <p>Requirement: Yes</p> <p>Applicability: All</p>	This was SA2 audit. Social audit in SA1	Not audited															
6.1.3	<p>Indicator: Evidence that workers are free and able to bargain collectively for their rights</p> <p>Requirement: Yes</p> <p>Applicability: All</p>	This was SA2 audit. Social audit in SA1	Not audited															
6.2.1	<p>Indicator: Number of incidences of child(123) labour(124)</p> <p>Requirement: None</p> <p>Applicability: All except; Child: Any person under 15 years of age. A higher age would apply if the minimum age law of an area stipulates a higher age for work or mandatory schooling. Minimum age may be 14 if the country allows it under the developing country exceptions in ILO convention 138.</p>	This was SA2 audit. Social audit in SA1	Not audited															
6.2.2	<p>Indicator: Percentage of young workers(125) that are protected(126)</p> <p>Requirement: 100%</p> <p>Applicability: All</p>	This was SA2 audit. Social audit in SA1	Not audited															
6.3.1	<p>Indicator: Number of incidences of forced(129), bonded(130) or compulsory labour</p> <p>Requirement: None</p> <p>Applicability: All</p>	This was SA2 audit. Social audit in SA1	Not audited															
6.4.1	<p>Indicator: Evidence of comprehensive(132) and proactive anti-discrimination policies, procedures and practices</p> <p>Requirement: Yes</p> <p>Applicability: All</p>	This was SA2 audit. Social audit in SA1	Not audited															

6.4.2	<div>Indicator: Number of incidences of discrimination</div> <div>Requirement: None</div> <div>Applicability: All</div>	This was SA2 audit: Social audit in SA1	Not audited															
6.5.1	<div>Indicator: Percentage of workers trained in health and safety practices, procedures(133) and policies on a yearly basis</div> <div>Requirement: 100%</div> <div>Applicability: All</div>	This was SA2 audit: Social audit in SA1	Not audited															
6.5.2	<div>Indicator: Evidence that workers use Personal Protective Equipment (PPE) effectively</div> <div>Requirement: Yes</div> <div>Applicability: All</div>	This was SA2 audit: Social audit in SA1	Not audited															
6.5.3	<div>Indicator: Presence of a health and safety risk assessment and evidence of preventive actions taken</div> <div>Requirement: Yes</div> <div>Applicability: All</div>	This was SA2 audit: Social audit in SA1	Not audited															
6.5.4	<div>Indicator: Evidence that all health- and safety-related accidents and violations are recorded and corrective actions are taken when necessary</div> <div>Requirement: Yes</div> <div>Applicability: All</div>	This was SA2 audit: Social audit in SA1	Not audited															
6.5.5	<div>Indicator: Evidence of employer responsibility and/or proof of insurance (accident or injury) for 100% of worker costs in a job-related accident or injury when not covered under national law</div> <div>Requirement: Yes</div> <div>Applicability: All</div>	This was SA2 audit: Social audit in SA1	Not audited															
6.5.6	<div>Indicator: Evidence that all diving operations are conducted by divers who are certified</div> <div>Requirement: Yes</div> <div>Applicability: All</div>	This was SA2 audit: Social audit in SA1	Not audited															
6.6.1	<div>Indicator: The percentage of workers whose basic wage(134) (before overtime and bonuses) is below the minimum wage(135)</div> <div>Requirement: 0 (None)</div> <div>Applicability: All</div>	This was SA2 audit: Social audit in SA1	Not audited															
6.6.2	<div>Indicator: Evidence that the employer is working toward the payment of basic needs wage(136)</div> <div>Requirement: Yes</div> <div>Applicability: All</div>	This was SA2 audit: Social audit in SA1	Not audited															

6.6.3	Indicator: Evidence of transparency in wage-setting and rendering(137) Requirement: Yes Applicability: All	This was SA2 audit. Social audit in SA1	Not audited															
6.7.1	Indicator: Percentage of workers who have contracts(139) Requirement: 100% Applicability: All	This was SA2 audit. Social audit in SA1	Not audited															
6.7.2	Indicator: Evidence of a policy to ensure social compliance of its suppliers and contractors Requirement: Yes Applicability: All	This was SA2 audit. Social audit in SA1	Not audited															
6.8.1	Indicator: Evidence of worker access to effective, fair and confidential grievance procedures Requirement: Yes Applicability: All	This was SA2 audit. Social audit in SA1	Not audited															
6.8.2	Indicator: Percentage of grievances handled that are addressed(140) within a 90-day timeframe Requirement: 100% Applicability: All	This was SA2 audit. Social audit in SA1	Not audited															
6.9.1	Indicator: Incidences of excessive or abusive disciplinary actions Requirement: None Applicability: All	This was SA2 audit. Social audit in SA1	Not audited															
6.9.2	Indicator: Evidence of a functioning disciplinary action policy whose aim is to improve the worker (141) Requirement: Yes Applicability: All	This was SA2 audit. Social audit in SA1	Not audited															
6.10.1	Indicator: Incidences, violations or abuse of working hours(143) and overtime laws Requirement: None Applicability: All	This was SA2 audit. Social audit in SA1	Not audited															
6.10.2	Indicator: Overtime is limited, voluntary(144), paid at a premium rate and restricted to exceptional circumstances Requirement: Yes Applicability: All	This was SA2 audit. Social audit in SA1	Not audited															

6.11.1	<p>Indicator: Evidence that the company regularly performs training of staff in fish husbandry, general farm and fish escape management and health and safety procedures</p> <p>Requirement: Yes</p> <p>Applicability: All</p>	This was SA2 audit. Social audit in SA1	Not audited															
6.12.1	<p>Indicator: Demonstration of company-level(146) policies in line with the standards under 6.1 to 6.11 above</p> <p>Requirement: Yes</p> <p>Applicability: All</p>	This was SA2 audit. Social audit in SA1	Not audited															
7.1.1	<p>Indicator: Evidence of regular and meaningful(147) consultation and engagement with community representatives and organizations</p> <p>Requirement: Yes</p> <p>Applicability: All</p>	This was SA2 audit. Social audit in SA1	Not audited															
7.1.2	<p>Indicator: Presence and evidence of an effective(148) policy and mechanism for the presentation, treatment and resolution of complaints by community stakeholders and organizations</p> <p>Requirement: Yes</p> <p>Applicability: All</p>	This was SA2 audit. Social audit in SA1	Not audited															
7.1.3	<p>Indicator: Evidence that the farm has posted visible notice(149) at the farm during times of therapeutic treatments and has, as part of consultation with communities under 7.1.1, communicated about potential health risks from treatments</p> <p>Requirement: Yes</p> <p>Applicability: All</p>	This was SA2 audit. Social audit in SA1	Not audited															
7.2.1	<p>Indicator: Evidence that indigenous groups were consulted as required by relevant local and/or national laws and regulations</p> <p>Requirement: Yes</p> <p>Applicability: All farms that operate in indigenous territories or in proximity to indigenous or aboriginal people</p>	This was SA2 audit. Social audit in SA1	Not audited															
7.2.2	<p>Indicator: Evidence that the farm has undertaken proactive consultation with indigenous communities</p> <p>Requirement: Yes (150)</p> <p>Applicability: All farms that operate in indigenous territories or in proximity to indigenous or aboriginal people</p>	This was SA2 audit. Social audit in SA1	Not audited															
7.2.3	<p>Indicator: Evidence of a protocol agreement, or an active process(151) to establish a protocol agreement, with indigenous communities</p> <p>Requirement: Yes</p> <p>Applicability: All farms that operate in indigenous territories or in proximity to indigenous or aboriginal people</p>	This was SA2 audit. Social audit in SA1	Not audited															

7.3.1	<p>Indicator: Changes undertaken restricting access to vital community resources(152) without community approval</p> <p>Requirement: None</p> <p>Applicability: All</p>	<p>This was SA2 audit. Social audit in SA1</p>	Not audited															
7.3.2	<p>Indicator: Evidence of assessments of company's impact on access to resources</p> <p>Requirement: Yes</p> <p>Applicability: All</p>	<p>This was SA2 audit. Social audit in SA1</p>	Not audited															
8.1	<p>Indicator: Compliance with local and national regulations on water use and discharge, specifically providing permits related to water quality</p> <p>Requirement: Yes</p> <p>Applicability: All Smolt Producers</p>	<p>Smolt suppliers is Forsan and Akvafarm</p> <p>Sites are semi-closed with discharge to seawater.</p> <p>Forsan: Aqua culture license issued by Nordland Fylkeskommune dt. 19.04.16 for max for production of 12,2 million smolts /1600 ton dry feed</p> <p>Discharge permit - issued by Fylkesmannen i Nordland 19.04.2016, ref 2015/43</p> <p>Government inspection: Mattilsynet report 2019/071794, 26.03.2019, no findings</p> <p>Akvafarm: Extension of production permit issued 17.06.2019 by Fylkesmannen i Troms og Finnmark for Akvafarm Sørfjorden, site 13946. Ref number 15/3098 and 27. Maximum production per year: 2,5 million smolts. Maximum use of feed per year 223 tons of dry feed. Discharge permit -issued by Fylkesmannen i Nordland 17.06.2019, ref 2019/4888. Approval 2019.0518.1</p> <p>Last Government inspection: Mattilsynet report 2017/251692 29.12.2017 - audit 04.12.2017. No NC's raised</p>	Compliant															
8.2	<p>Indicator: Compliance with labour laws and regulations</p> <p>Requirement: Yes</p> <p>Applicability: All Smolt Producers</p>	<p>Forsan: Cermaq internal sites, and part of Cermaq system for compliance with labor laws and regulations. No inspections since 2018.</p> <p>Akvafarm: Declaration issued by Akvafarm 09.01.2019 with confirmation of compliance with labor laws. Signed by management and employee representative. No inspections</p>	Compliant															
8.3	<p>Indicator: Evidence of an assessment of the farm's potential impacts on biodiversity and nearby ecosystems that contains the same components as the assessment for grow-out facilities under 2.4.1</p> <p>Requirement: Yes</p> <p>Applicability: All Smolt Producers</p>	<p>Source/Documents reviewed:</p> <p>Forsan: Cermaq internal site. Separate environment and biodiversity assessment for smolt producers. Seen plan for 2019 which is compliant with Appendix I-3, including environmental aspects, compliance assessment, objectives and action plan. Site specific risk assessment for environmental aspects for Forsan dated 17.06.2019 reviewed</p> <p>Akvafarm: Environmental impact and risk assessment Akvafarm site 13946 dated 13.05.2019 reviewed. Action plan energy, biodiversity and environment dated 01.12.2018 reviewed</p>	Compliant															
8.4	<p>Indicator: Maximum total amount of phosphorus released into the environment per metric ton (mt) of fish produced over a 12-month period (see Appendix VIII of the Salmon standard v.1.3)</p> <p>Requirement: 4 kg/mt of fish produced over a 12-month period</p> <p>Applicability: All Smolt Producers</p>	<p>Forsan: Source a-g Phosphor calculation 1.1-31.12-2019 Cermaq Forsan</p> <p>Feed: 361356 kg dry feed for period</p> <p>Declaration per feed type and particle size from feed suppliers.</p> <p>16306,2 kg P in total feed</p> <p>Records for stocking, harvest and mortality which are sufficient to calculate the amount of biomass produced are available. Biomass produced: 1170594 kg, 1170,6 mt</p> <p>Calculations are correct. 9,63 kg phosphorus in fish biomass (mt) produced</p> <p>No sludge produced/removed</p> <p>N/A</p> <p>Akvafarm: Source "Fosfor Akvafarm Sørfjord 2019"</p> <p>Feed: 240,402 kg dry feed for period</p> <p>3312,5 kg P in total feed</p> <p>Records for stocking, harvest and mortality which are sufficient to calculate the amount of biomass produced are available. Biomass produced: 242,325 kg, 242,33 mt</p> <p>Calculations are correct.12,7 kg phosphorus in fish biomass (mt) produced</p> <p>No sludge produced/removed</p> <p>N/A</p> <p>Reference is made to VR VR0471 on phosphorus release to sea confirmed by ASC.</p>	Compliant								471							

8.5	<p>Indicator: If a non-native species is being produced, the species shall have been widely commercially produced in the area prior to the publication(154) of the ASC Salmon Standard</p> <p>Requirement: Yes (155)</p> <p>Applicability: All Smolt Producers. Exceptions shall be made for production systems that use 100 percent sterile fish or systems that demonstrate separation from the wild by effective physical barriers that are in place and well-maintained to ensure no escapes of reared specimens or biological material that might survive and subsequently reproduce.</p>	<p>N/A Salmo salar is native to region.</p> <p>Breed verified as Salmo salar through Fish CV for all 2 suppliers</p>	N/A															
8.6	<p>Indicator: Maximum number of escapees(156) in the most recent production cycle</p> <p>Requirement: 300(157) fish</p> <p>Applicability: All Smolt producers. A rare exception to this standard may be made for an escape event that is clearly documented as being outside of the farm's control. Only one such exceptional episode is allowed in a 10-year period for the purposes of this standard. The 10-year period starts at the beginning of the production cycle for which the farm is applying for certification. The farmer must demonstrate that there was no reasonable way to predict the events that caused the episode. Extreme weather (e.g., 100-year storms) or accidents caused by farms located near high-traffic waterways are not intended to be covered under this exception.</p>	<p>Source: Supplier declarations and Fiskeridirektoratet www.fiskeridir.no Reported escapes 2006-2019</p> <p>Forsan: No escapes recorded in in Fishtalk. 0 escapes in Fiskeridirektoratet register 2017-2020. Records available, in Fishtalk. Escapes covered in site risk assessment.</p> <p>Akvafarm: No escapes according to internal statement. 0 escapes in Fiskeridirektoratet register 2017-2020. Supplier are informed about maintaining of records for at least 10 years.</p>	Compliant															
8.7	<p>Indicator: Accuracy(158) of the counting technology or counting method used for calculating the number of fish</p> <p>Requirement: ≥98%</p> <p>Applicability: All Smolt Producers</p>	<p>Source: Supplier declarations. Secure counting point is during vaccination process</p> <p>Forsan: Macro Serien from Vaki Makro. 99% accuracy. Verified by provider specifications.</p> <p>Akvafarm: VAKI Micro/Macro Fish counter. 98-100% accuracy. Verified by provider specifications.</p>	Compliant															
8.8	<p>Indicator: Evidence of a functioning policy for proper and responsible treatment of non-biological waste from production (e.g., disposal and recycling)</p> <p>Requirement: Yes</p> <p>Applicability: All Smolt Producers</p>	<p>Source/Documents reviewed:</p> <p>Forsan: Internal supplier, Cermaq procedures apply. Site specific waste management plan dated 29.10.2019, with overview of handling, segregation and delivery of waste. Approved suppliers: IRIS and Østbø</p> <p>Akvafarm: Waste management plan dated 10.05.2019, with overview of handling, segregation and delivery of waste. Approved supplier Senja Avfall Miljø. Invoices of delivered waste in separate fractions seen for 3 deliveries in 2019.</p>	Compliant															
8.9	<p>Indicator: Presence of an energy-use assessment verifying the energy consumption at the smolt production facility (see Appendix V subsection 1 of the Salmon standard v.1.3 for guidance and required components of the records and assessment)</p> <p>Requirement: Yes, measured in kilojoule/mt fish/production cycle</p> <p>Applicability: All Smolt Producers</p>	<p>Forsan:</p> <p>a) Records OK in excel documents. (Energibruk settelisk Cermaq Forsan YTD19)</p> <p>b) 2019 consumption of scope 1 =402085606 KJ and scope 2 = purchased electricity = 28051810560 KJ.</p> <p>Tot Scope 1+2 = 28453896166 KJ</p> <p>c) 1170,6 mt BM produced</p> <p>d) 24307104 kJ/Mt BM produced</p> <p>e) Records OK in excel. Continuous evaluation.</p> <p>Akvafarm:</p> <p>a) Records OK Energy report. (Energi og Klimagasser Sørkjord 2019)</p> <p>b) 2019 consumption of scope 1 =155948040 KJ and scope 2 = purchased electricity = 8295192000KJ.</p> <p>Tot Scope 1+2 = 8451140040 KJ</p> <p>c) 242 mt BM produced</p> <p>d) 34922066,28 kJ/Mt BM produced</p> <p>e) Records OK. Continuous evaluation.</p>	Compliant															
8.10	<p>Indicator: Records of greenhouse gas (GHG(159)) emissions(160) at the smolt production facility and evidence of an annual GHG assessment (See Appendix V of the Salmon standard v.1.3)</p> <p>Requirement: Yes</p> <p>Applicability: All Smolt Producers</p>	<p>Forsan:</p> <p>Records OK (Energibruk settelisk Cermaq Forsan YTD19)</p> <p>Scope 1 2019: emission from Fuel: 28.384 kg CO2</p> <p>Scope 2 2019: emission from electricity: 1.980.495 kg CO2</p> <p>Scope 1+2: 2.008.879 kg CO2</p> <p>Calculations and assessment provided by CO2 focus. Data from IEA 2013, SSB 2013, EIA 2011, IPCC 2006. CO2 used</p> <p>Akvafarm:</p> <p>Records OK (Energi og klimagasser Sørkjord 2019)</p> <p>Scope 1 2019: emission from Fuel: 138.187 kg CO2</p> <p>Scope 2 2019: emission from electricity: 195.859 kg CO2</p> <p>Scope 1+2: 334.046 kg CO2</p>	Compliant															

8.11	<p>Indicator: Evidence of a fish health management plan, approved by the designated veterinarian, for the identification and monitoring of fish diseases and parasites</p> <p>Requirement: Yes</p> <p>Applicability: All Smolt Producers</p>	<p>Forsan: Internal Fish Health Plan (FHP). Plan covers all aspect of relevant diseases and parasite diagnostics and control measures. Approved and signed by veterinarian (fish health manager) dt 26.08.2019 .</p> <p>Akvafarm: Internal Fish Health Plan. Plan covers all aspect of relevant diseases and parasite diagnostics and control measures. Approved and signed by veterinarian (fish health biologist) dt 31.01.2020</p>	Compliant															
8.12	<p>Indicator: 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[161]</p> <p>Requirement: 100%</p> <p>Applicability: All Smolt Producers</p>	<p>The below is valid for both Forsan and Akvafarm: Fish Health Plans covers all aspect of relevant diseases and parasite diagnostics and control measures. Approved and signed by veterinarian dt Forsan 26.08.19/ Akvafarm 31.01.2020. All suppliers use Fishtalk as monitoring system.</p> <p>In fish health plan and CV type of disease and control monitoring strategies, vaccines/pathogens type/product name detailed</p> <p>In smolt CV transferred to sea and Fish Talk with dates and type for smolts for site, 100% vaccination is a legal requirement controlled by NFSA. Examples suppliers from CV's Forsan: Vaccination 03.07.2019 Alpha Ject Micro 6, fish group 19.02.005 Akvafarm: All fish were vaccinated with Alpha Jet 6-2.</p> <p>100% vaccinated according to national legislation. Verified in smolt FHP/ CV and Fishtalk. Verified towards registrations in FHP / CV / Fishtalk.</p>	Compliant															
8.13	<p>Indicator: Percentage of smolt groups[162] tested for select diseases of regional concern prior to entering the grow-out phase on farm[163]</p> <p>Requirement: 100%</p> <p>Applicability: All Smolt Producers</p>	<p>The below is valid for all 3 suppliers Forsan, Kvarøy and Lerøy Laksefjord: a) Covered in Fish Health Plan (FHP) per site. Including risk based testing regime, sampling and veterinary visits. Broodstock is included in screening program b) Veterinary visits are performed according to FHP. Smolt group has a health certificate (Fish CV) Screening reports from Patogen analyse seen for 2019 fish groups from all suppliers , tested for ILAV, IPNV-PH. PMCV and PRV pre-stocking. All results negative. Example from Lerøy Laksefjord: Report from Patogen PG048234, dated 28.03.2019 5 positive tests Yersinia, IPNV negative.</p>	Compliant															
8.14	<p>Indicator: Detailed information, provided by the designated veterinarian, of all chemicals and therapeutants used during the smolt production cycle, the amounts used (including grams per ton of fish produced), the dates used, which group of fish were treated and against which diseases, proof of proper dosing and all disease and pathogens detected on the site</p> <p>Requirement: Yes</p> <p>Applicability: All Smolt Producers</p>	<p>The below is valid for both Forsan and Akvafarm: All therapeutants used are recorded in Fish CV, and documented in FishTalk according to FHP. Prescriptions are issued and signed by responsible veterinary / FHB/ Vaccines produced by Pharmaq. Therapeutant used and documented per fish group.FHP meets standard requirements for the indicator. All required information present. Example from Akvafarm: Marin Helse prescription 20180928,05 issued 2018.09.28 by Veterinary HPR no 10007370. Alpha Ject 6-2.</p>	Compliant															
8.15	<p>Indicator: Allowance for use of therapeutic treatments that include antibiotics or chemicals that are banned[164] in any of the primary salmon producing or importing countries[165]</p> <p>Requirement: Yes</p> <p>Applicability: All Smolt Producers</p>	<p>The below is valid for both Forsan and Akvafarm: Instruction provided to all smolt suppliers. Reference made to "Forskrift om grenseverdier for legemidler i næringsmidler" "Norwegian regulation/NFSA. Substances banned in marked "I Fish" oversikt MRL for EU, USA, Japan, Kina, Australia og Russia" last revised in March 2018. Statement dt.18.01.18 - "Medicines and antibiotics allowed by Cermaq Norway". Approved and used substances are referred in FHP. Doc. dated 18.01.2018 with overview of banned substances. List for USA and Japan only permitted substances</p> <p>Forsan is internal smolt supplier. Same system applies for both farm and supplier, and information is shared and known to both parties by fish health department. Akvafarm signed statement 07.01.2019.</p> <p>Therapeutant records (vaccines, anesthetics and antiparasitic treatment) in Fish CV and Fish Talk - type and producer and batch. No therapeutants on list used. No antibiotics used by supplier.</p>	Compliant															
8.16	<p>Indicator: Number of treatments of antibiotics over the most recent production cycle</p> <p>Requirement: ≤ 3</p> <p>Applicability: All Smolt Producers</p>	<p>The below is valid for both Forsan and Akvafarm: No antibiotics used. Seen fish CV with all treatments identified from Akvafarm and Forsan.</p>	Compliant															
8.17	<p>Indicator: Allowance for use of antibiotics listed as critically important for human medicine by the WHO (166)</p> <p>Requirement: None (167)</p> <p>Applicability: All Smolt Producers</p>	<p>The below is valid for both Forsan and Akvafarm: N/A. No antibiotics used. Seen smolt CV with all treatments identified and compared to WHO critical list.</p>	Compliant															

8.18	<p>Indicator: Evidence of compliance(168) with the OIE Aquatic Animal Health Code(169)</p> <p>Requirement: Yes</p> <p>Applicability: All Smolt Producers</p>	<p>All smolt suppliers are instructed to operated in accordance with the Cermaq policy and procedures concerning compliance with the OIE Aquatic Animal Health Code. See Cermaq Statement dated 26.08.2019 on ASC requirements regarding OIE Aquatic Animal Health Code for smolt deliveries. The statement is signed by a designated veterinarian.</p> <p>Forsan: Fish Health Plan covers all aspect of relevant disease and parasite diagnostics and control measures, and meet OIE Aquatic Animal Health Code requirements. External veterinary service Marin Helse. Approved and signed by veterinarian dt. 26.08.2019.</p> <p>Akvafarm: Fish Health Plan covers all aspect of relevant disease and parasite diagnostics and control measures, and meet OIE Aquatic Animal Health Code requirements. External veterinary service Marin Helse. Approved and signed by veterinarian dt 07.01.2019</p>	Compliant															
8.19	<p>Indicator: Evidence of company-level policies and procedures in line with the labour standards under 6.1 to 6.11</p> <p>Requirement: Yes</p> <p>Applicability: All Smolt Producers</p>	Surveillance 2 audit and no social audit	Not audited															
8.20	<p>Indicator: Evidence of regular consultation and engagement with community representatives and organizations</p> <p>Requirement: Yes</p> <p>Applicability: All Smolt Producers</p>	Surveillance 2 audit and no social audit	Not audited															
8.21	<p>Indicator: Evidence of a policy for the presentation, treatment and resolution of complaints by community stakeholders and organizations</p> <p>Requirement: Yes</p> <p>Applicability: All Smolt Producers</p>	Surveillance 2 audit and no social audit	Not audited															
8.22	<p>Indicator: Where relevant, evidence that indigenous groups were consulted as required by relevant local and/or national laws and regulations</p> <p>Requirement: Yes</p> <p>Applicability: All Smolt Producers</p>	Surveillance 2 audit and no social audit	Not audited															
8.23	<p>Indicator: Where relevant, evidence that the farm has undertaken proactive consultation with indigenous communities</p> <p>Requirement: Yes</p> <p>Applicability: All Smolt Producers</p>	Surveillance 2 audit and no social audit	Not audited															
8.25	<p>Indicator: Allowance for stocking smolts produced in cage-culture</p> <p>Requirement: Permitted only if supplying farms are 1) operated in a region where indigenous salmonids are present of the same species being cultivated and 2) the farm is certified to the ASC Freshwater trout Standard</p> <p>Applicability: open (net-pen) production of smolt</p>	N/A all sites are semi-closed with discharge to seawater	N/A															

8.26	Indicator: Water quality monitoring matrix completed and submitted to ASC (see Appendix VIII of the Salmon standard v.1.3) Requirement: Yes(171) Applicability: open (net-pen) production of smolt	N/A all sites are semi-closed with discharge to seawater	N/A															
8.27	Indicator: Minimum oxygen saturation in the outflow (methodology in Appendix VIII of the Salmon standard v.1.3) Requirement: 60%(172, 173) Applicability: All Smolt Producers Using Semi-Closed or Closed Production Systems	N/A all sites are semi-closed with discharge to seawater	N/A															
8.28	Indicator: Macro-invertebrate surveys downstream from the farm's effluent discharge demonstrate benthic health that is similar or better than surveys upstream from the discharge (methodology in Appendix VIII of the Salmon standard v.1.3) Requirement: Yes Applicability: All Smolt Producers Using Semi-Closed or Closed Production Systems	N/A all sites are semi-closed with discharge to seawater	N/A															
8.29	Indicator: Evidence of implementation of biosolids (sludge) Best Management Practices (BMPs) (Appendix VII of the Salmon standard v.1.3) Requirement: Yes Applicability: All Smolt Producers Using Semi-Closed or Closed Production Systems	N/A all sites are semi-closed with discharge to seawater	N/A															

Summary of Standard Non Conformities (NC)

Standard:	Salmon
Version:	1,3

NC Type	NC Totals
Major	0
Minor	0
Total	0

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

[illegible]