

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	Ånderbakk
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	Covered	
2.1.7	Principle 7	Covered	
2.1.8	Principle 8	Covered	
2.2 Activities covered under the scope of the certification and under the scope of the audit.	Activity	Under scope of certification	Under Scope of this audit
	Activities in the table apply to final product only.		
2.2.1	Stocking		
2.2.2	Nursing	Covered	
2.2.3	Growing Out	Covered	Covered
2.2.4	Transferring	Covered	Covered
2.2.5	Harvest	Covered	Not Covered
2.2.6	Vaccination	Covered	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	1		
2.6 Will harvesting be witnessed during audit?	No		
2.6.1 If harvest is NOT witnessed, please justify:	The harvest activities witnessed took place at the Cermaq ASC Certified site Storholmen. The witness of harvesting activities followed the requirements of Q&A94. No nonconformities were raised.		
2.7 Audit conducted (On-site/Remote):	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	6	8
On-site activities		
Total man days	0,75	1

[illegible]

3. Site information

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) (00.0000000)*	Longitude (E,W) (00.0000000)*	Production system*	Number of production units	Start date of audit	End date of audit
Ånderbakk 33457	Owned	Atlantic salmon (<i>Salmo salar</i>)	Long-cycle species (>6 months)	67,754865	15,705999	Cages - circular plastic	12	7. juni 2021	11. juni 2021

4. Stakeholder engagement

[illegible]

1. General, client/CAB information

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1.2 Document language	English
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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 <i>Other means of contact e.g. Skype</i>	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	28. maj 2021	
2,2	Date - Draft report published on ASC website		
2,3	Date - Final report submitted to ASC	25. januar 2022	
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	Covered
2.5.6		Principle 7	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			
2.6.2 Nursing	Covered		
2.6.3 Growing Out	Covered	Covered	
2.6.4 Transferring	Covered	Covered	
2.6.5 Harvest	Covered	Not Covered	
2.6.6 Vaccination	Covered	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
1
No
The harvest activities witnessed took place at the Cermaq ASC
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	6	8
	On-site activities		
	Total man days	0,75	1

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?
Konstantinidou	Megan	Audit team leader		Remote
Jasour	Mohammad	Others (specify activities)	Team Member	Remote
Jasour	Mohammad	Social 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)	Disbatched or sold as ASC-certified Volume (in Kg)	Disbatched or sold as non-ASC-certified Volume (in Kg)	For Bivalve/Abalone: Volumes indicate in 3.27 - 3.30 are given in five weight equivalent or volume without shell	Note/ Other information
S0000714	Änderbakk 33457	Owned	Atlantic salmon (Salmo salar)		67.754865	15.705999	Cages - circular plastic	12,000000	44354,000000			7. juni 2021	11. juni 2021	16-aug-18		Following	GlobalGAP		No									Volume Data is presented in the confidential annex. This audit was performed alongside the audits of Cernaq Martnesvika, Hjertøy, Hellarvika and Änderbakk during the course of the week 07-06-21 to 11-06-21

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
S0000714	Ånderbakk 33457	mandag 23. november 2020	Cage 4	143227	4640	Full harvest	The harvest activities witnessed took place at the Cermaq ASC Certified site Storholmen. The witness of harvesting activities followed the requirements of Q&A94. No nonconformities were raised.

[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	Boat		
6.1.1 Estimated travel time between office and site(s) and between sites within UoC	Less than 20 minutes		
6.2 Number of complaints received from stakeholders over past 12 months	0		
6.3 Number of resolved complaints	0		
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)
	Steigen	No	50

1) General, Client and CAB information

Announcement and audit report

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	2. februar 2020	18. marts 2022	2. februar 2020	Certified
ASC				
Others (specify)				

6,8 Subcontractors

Name of subcontractors	Place of work	Areas of work/processes
Biomar	Off-site at subcontractor place	Feed
Hordafor	Off-site at subcontractor place	Ensilage
FSV Group	On-site at UoC	Service boats
Akvaplan Niva	On-site at UoC	Environmental surveys

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	Submitted
6,10 List of sites/farms if multi-site or group	Not submitted
6,11 List of applicable laws and regulations, year of release, authority	Not submitted
6,12 Agreement with adjacent community/ies, if any	Submitted
6,13 Social Impacts Assessment report	Not submitted
6,14 List of subcontractors, if any, including their services, addresses	Submitted
6,15 Agreement with labour contracts, if any	Submitted
6,16 List of workers, their age, type of work (full/part time), nationality/-ies, shift and accommodation (if applicable)	Submitted

1) General, Client and CAB information

Announcement and audit report

Management system

6,17 Relevant policies and procedures:	Exist	Policy	Procedure
Workers training	Yes	Not submitted	Not submitted
Grievance mechanism	Yes	Not submitted	Not submitted
Non-discrimination	Yes	Not submitted	Not submitted
Child and young labour	Yes	Not submitted	Not submitted
Forced, bonded labour	Yes	Not submitted	Not submitted
Health and safety risk assessment	Yes	Not submitted	Not submitted
Age-verification	Yes	Not submitted	Not submitted
Fire prevention	Yes	Not submitted	Not submitted

6,18 Certificate of compliance to other social standard	Not submitted
6,19 Latest audit report of the other social standard	Not submitted
6,20 Organisational chart of UoC	Not submitted
6,21 Job descriptions for workers for different functions	Not submitted
6,22 Product flow within UoC	Not submitted

ASC Audit

6,23 Filled out audit preparation checklist(s)	Submitted
6,24 Previous ASC audit report	Not submitted
6,25 Evidence of implementation of corrective actions for NCs	Submitted

1) General, Client and CAB information

Announcement and audit report

Other records

6,26 Collective bargaining agreement, if exists	Submitted
6,27 Accidents log and their status	Not submitted
6,28	
Last inspection report related to workplace H&S	Submitted
6,29 Minutes of the last workers' meeting	Submitted
6,30 Minutes of health and safety meeting	Submitted
6,31 Basic need wage calculation	Submitted
6,32 List of chemicals used within UoC	Submitted
6,33 Last inspection report of the housing provided to workers	Not submitted
6,34 Overtime calculation	Submitted
6,35 Training records for workers on social related issues	Not submitted
6,36 Other (Please describe here)	Not submitted

5 CAB diligence

	ASC social audits	Other social audits		
6,37 Number of social audits performed by the auditor in this country	74	0		
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
	Submitted			
6,40 Topics/issues needing further research before on-site audit	N/A. No risks were identified			

1) General, Client and CAB information

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

Topics	Means of research	Rationale	Outcome
Searching in local news website	Internet	To see if there has been any incident	No social related incidents were found

6,42 Changes since last audit

N/A. No risks were identified

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

7,1

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

7,2

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:

Ånderbakk has full site certification.

b) Similar appearance species produced in the UoC

no

Similar appearance species:

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

n/a

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

n/a

Description

There is only ASC 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.

7,3

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

Ånderbakk Alge is the closest farm, approximately 1.5km apart. It is an algae farm, not ASC Certified. The closest salmon farm is 5.5km away and is Martnesvika, owned by Cermaq, and is an ASC Certified (ASC00231) farm.

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.

c) Non-ASC products from other farms handled in the UoC

no

Stage(s) when the non-ASC products are handled in the UoC

N/A

d) Segregation systems

Physical barriers

n/a

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

n/a

Description

There are no similiar species being farmed in the nearby area which would require physical identification for segregation from the certified product.

Segregation systems for non-ASC product

n/a

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.

7,4

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 Norway AS, avd. Slakteri Steigen 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:	
Do the traceability systems mitigate the mixing and substitution risks?	
yes	
Rationale	
Fish are 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 Martnesvika, it is certified for ASC Farm Salmon and is not at risk of mixing with the fish produced at Ånderbakk. Traceability documentation is well maintained, and procedures have been verified using the publically available tracking data - only fish from Ånderbakk have been transported to Anevik and then to the harvest facility on the wellboats used.	

7,5

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.

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	
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7,6

		Details of Documentation Reviewed		
	Production stage	Description	Date	Description of how codes or documents link product at each stage.
A)	Smolt Input	Transport Records - Norsk FiskeTransport Delivery Note.	15-08-2018.	Norsk FiskeTransport Delivery Note. Vessel: Steigen. Departure location: Forsan. Departure Date: 15-08-2018. Arrival Location: Ånderbakk, Arrival Date: 16-08-2018, fish unloaded into cages 1, 2, 3, and 4. Cage 4 received 188352.
B)	Transfer between farms	Transport Records - Norsk FiskeTransport Delivery Note.	23-07-2019	Norsk FiskeTransport Delivery Note. Vessel: Steigen. Departure location: Ånderbakk. Departure Date: 23-07-2019. Arrival Location: Anevik, Arrival Date: 23-07-2019. Fish moved from cage 4 at Ånderbakk, to cage 4 and 6 at Anevik, due to fish being temporarily on site at Ånderbakk to prevent mortalities caused by an algal bloom.
C)	Transfer between Cages	FishTalk Database		Only movement that took place was between sites due to toxic Algal bloom
D)	Information to Buyer	Product and Quality Control documentation.	27-01-2020	Product and Quality Control documentation. Smolt Supplier: Forsan. Smolt input to Ånderbakk, Input date: 16-08-2018. Departure Location: Anevik, Cage: 04, Fish group: 18-0A, Harvest Station: Cermaq Slakteri Steigen. Harvest Date from waiting cage: 27-01-2020.
E)				
F)				
G)				
H)				
I)				
J)				
K)				
L)				
M)				

7,7

7,8

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

7,9

7,10

7,11

ASC CAR 17.6.6.1-2 Traceability determination

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
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
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-01773), and the potential risks have been mitigated. The harvest facility was certified during the time of harvest, but is no longer in operation.	

7,12

ASC CAR 17.6.10.1 Point of First sale / handling

Entity name	CoC code
Cermaq Norway AS, avd. Slakteri Steigen	ASC-C-01773

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

7,13

From harvest with well boats

7.13.1

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8. UoC volumes & Audit Closing

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

Volume reporting for complete UoC				
Quarter of the year:	Quarter 1	Quarter 2	Quarter 3	Quarter 4
8,1	The volumes indicated in this table apply to the following year:			
8.1.1	Type of volumes indicated in 8.2 - 8.5			
8,2	ASC-certified production volume (in Kg)			
8,3	Non ASC-certified production volume (in Kg)			
8,4	Dispatched or sold as ASC-certified Volume (in Kg)			
8,5	Dispatched or sold as non ASC-certified Volume (in Kg)			

Decision	
8.6	Certification decision
8.7	Certificate valid from
8.8	Certificate valid till
8.9	Eligibility date
A Certificate was issued 17-07-2019. Bureau Veritas has performed the certification decision based on the audit report and the review. No information was submitted by stakeholders during the public consultation period. The surveillance audit showed that the site is in compliance with 2 minor and 1 major non-conformities being raised. The unit of certification has the capability to consistently meet the objectives of the relevant ASC salmon standard - version 1.3. Auditor recommends certification based on the result of the surveillance audit - The certification is upheld.	
17-07-2019	
16-07-2022	

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	Cermaq Norway has collected electronic copies of all applicable laws, regulations and other requirements with updates and electronic links from Lovdata.no to their Quality Management System (QMS) InteleX. Automatic notification to organization if changes in regulations that affect organization. The following documents were reviewed during the audit: Statsforvalten i nordland: Plan for surveillance of deep station. 01-06-2021. Ref.: 2020/S023. outlines MOMB and MOM C requirements and that Oxygen measurements are required every 14 days, with results to be submitted by 01-08-2022. Operation Plan approved by Fiskeridirektoratet (ref: 20/14730, date: 24-03-2021) for Cermaq AS. Operation plan gives approval for Cermaq farms in Nordland including Hellarvika Discharge permit from Fylkesmennene i Nordland, date 22-10-2012. Discharge permit for 3900 MTB. The farm does not conflict with national preservation areas as verified through: 1) https://kart.naturbase.no/ , 2) «The salmon register» https://laksekart.fylkesmennene.no/	Compliant																
1.1.2	Indicator: Presence of documents demonstrating compliance with all tax laws Requirement: Yes Applicability: All	Authorised auditor report/statement for Cermaq Norway organisation number 980211282, dt.01.07.2019 by Deloitte Tax payment for 2020 to Tax collector in Steigen municipality registered 18.03.2020. The tax report for 2021 was not yet prepared at the time of audit. Proof of tax payments issued by the government body Skatteetaten was reviewed (date of issue: 27-04-2021). Cermaq Norway has collected electronic copies of all applicable laws, regulations and other requirements with updates and electronic links from Lovdata.no to their Quality Management System (QMS) InteleX. However, there is no evidence to show copies of laws related to tax are easily accessible, including on the internal InteleX system. This does not result in nonconforming products being produced, is limited in impact and therefore is graded as minor. Cermaq Norway is registered in The National Company register (Brønnøysundregistrene) with industry codes 03.211: Ocean and coastal based aquaculture, 03.222 Smoltproduction and 10.209 Processing of seafood.	Minor	There is no evidence to show copies of laws related to tax are easily accessible, including on the internal InteleX system. This does not result in nonconforming products being produced, is limited in impact and therefore is graded as minor.	11-jun-21	09-sep-21	09-sep-21	Closed					The tax laws should not be in InteleX since it's mostly laws and regulations regarding other procedures in InteleX. We do not have any procedures in connection with taxes.	In Cermaq Norway taxes are processed in connection with the calculation and payment of wages. Tax laws is therefore relevant for our employees in the payroll department, and they have access to Lovdata.no and also get notification from our payroll system Simployer when changes are done in regulations (attached example). In general for all laws and regulations we use the official web portal Lovdata.no. This portal is free and very easily accessible to anyone.	Cermaq Norway is checked for compliance with these rules at a 3rd party audit every year (government requirement).	Evidence provided (email dated 28-06-21, "Avvik lover og regler") demonstrates Cermaq employees have easy access to tax laws. Taking this into consideration with the annual third party audit, the farm is able to demonstrate knowledge and compliance with tax laws. The nonconformity is therefore closed.			
1.1.3	Indicator: Presence of documents demonstrating compliance with all relevant nation and local labour laws and regulations Requirement: Yes Applicability: All	Cermaq Norway has collected electronic copies of all applicable laws, regulations and other requirements with updates and electronic links from Lovdata.no to their Quality Management System (QMS) InteleX. There are automatic notifications to the organization if there are changes in regulations that affect the organization. There have been no inspections performed by Arbeidstilsynet or other official parties regulation labour laws and codes since last audit.	Compliant																
1.1.4	Indicator: Presence of documents demonstrating compliance with regulations and permits concerning water quality impacts Requirement: Yes Applicability: All	The discharge permit issued by Fylkesmannen i Nordland (date: 22-10-2012) takes into account water quality impacts and the site's location. Cermaq Norway has collected electronic copies of all applicable laws, regulations and other requirements pertaining to water quality. The Quality Management System (QMS) InteleX has updates and electronic links from Lovdata.no. There are automatic notifications to the organization if there are changes in regulations that affect the organization.	Compliant																
2.1.1	Indicator: Redox potential or [S] 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.	Sampling stations outside the AZE (C2, C3, C4) were compliant with redox values, results ranging between 221 - 327 mV as documented in the environmental report for Ånderbakk ("Cermaq Norway AS. ASC- og C-undersøkelse 33457 Ånderbakk 2020", Report no.: 61792.02, Sampling Date: 14-01-2020, Report Date:29-04-20210. Sampling was performed at peak biomass by third party Akvaplan niva. Akvaplan Niva have Norwegian Accreditation for TEST 079 (collection and analysis of sediment and fauna, compliant to NS-EN ISO/IEC 17025). Definition of Allowable Zone of Effect (AZE) based on monitoring current velocity and directions and modelling sedimentation. Sediment sampling conducted by the subcontracted company Akvaplan Niva AS and using 0.1 m2 Van Veen grab sampling according to NS-EN ISO 16665. Three separate subsamples are required at each sampling stations of which two for benthic fauna and one for chemical analysis. Sampling regime follow the Norwegian Standard NS9410:2016, where the number of sampling stations increase with increasing biomass and sampling frequency is risk based and increase with increasing organic load. This does not contradict Appendix I-1, where number of sampling stations is a recommendation. Sampling is also performed when the site reaches peak biomass. Thus the methodology for benthic sampling has been accepted by the CAB as being sufficient to meet the intent and rigor of the ASC Salmon standard.	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>Sampling stations outside the AZE (C2, C3, C4) had Shannon Wiener Index scores of 4.33, 2.02 and 4.71 respectively,as documented in the environmental report for Ånderbakk ("Cermaq Norway AS. ASC- og C-undersøkelse 33457 Ånderbakk 2020", Report no.: 61792.02, Sampling Date: 14-01-2020, Report Date:29-04-20210. Sampling was performed at peak biomass by third party Akvaplan niva. Akvaplan Niva have Norwegian Accreditation for TEST 079 (collection and analysis of sediment and fauna, compliant to NS-EN ISO/IEC 17025).</p> <p>Sampling station C3 has a Shannon Wiener Index Score of 2.02, this is below the requirement of 3.00. As this is a repeated finding, and no additional evidence has been provided, the NC is graded as major.</p>	Major	<p>Sampling station C3 has a Shannon Wiener Index Score of 2.02, this is below the requirement of 3.00. Sampling performed and reported by Akvaplan niva (Report: Cermaq Norway AS. ASC- og C-undersøkelse 33457 Ånderbakk 2020, date: 29.04.2020). As this is a repeated finding, and no additional evidence has been provided, the NC is graded as major.</p>	11-jun-21	09-sep-21	09-sep-21	Closed						<p>This is not a repeated finding and therefore not a major NC. The survey reviewed at the previous audit (done by Akvaplan Niva on 14-11-2018) did not show a Shannon-Wiener score below the requirement. During this audit, results from peak production loading (done by Akvaplan Niva on 14-01-2020) did show a Shannon-Wiener score below the requirement. The rootcause is higher production loading due to the additional biomass moved to the site during the algea outbreak in 2019.</p>	<p>The site has been fallowed since 29-04-2020 and will not recieve fish until autumn 2022 at the earliest. An additional survey was done 16-06-2021, which showed that the site has recovered and the Shannon-Wiener score (H') is above the requirement for station C3.</p>	<p>The site will be fallowed for at least 2.5 years and the maximum allowed biomass (MTB) will most likely not be exploited, giving less production loading at Ånderbakk.</p>	<p>The additional survey results from 16-06-2021 are documented in "Ekstra undersøkelse Ånderbakk, 16.06.2021" report by Akvaplan niva. The new samples demonstrate the sample locations C2 and C3 are compliant with ASC requirements, with a shannon weiner scores of 4.10 and 4.64 respectively. This demonstrates the root cause of the issue has been appropriately addressed by Cermaq, the site is compliant and the NC is now closed.</p>				
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>Sampling stations outside the AZE (C1 and C5) had 2 and 2 highly abundant taxa respectively, as documented in the environmental report for Ånderbakk ("Cermaq Norway AS. ASC- og C-undersøkelse 33457 Ånderbakk 2020", Report no.: 61792.02, Sampling Date: 14-01-2020, Report Date:29-04-2021). Sampling was performed at peak biomass by third party Akvaplan niva. Akvaplan Niva have Norwegian Accreditation for TEST 079 (collection and analysis of sediment and fauna, compliant to NS-EN ISO/IEC 17025).</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>Figure on page 4 of the environmental report for Ånderbakk ("Cermaq Norway AS. ASC- og C-undersøkelse 33457 Ånderbakk 2020", Report no.: 61792.02, Sampling Date: 14-01-2020, Report Date:29-04-20210) outlines the site's AZE. The AZE is based on monitoring current velocity and directions and modelling sedimentation. Sampling regime follows the Norwegian Standard NS9410:2016. Sampling was performed by third party Akvaplan niva. Akvaplan Niva have Norwegian Accreditation for TEST 079 (collection and analysis of sediment and fauna, compliant to NS-EN ISO/IEC 17025).</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>Oxygen and temperature are measured at 5m and 10m using RealFish sensors, with results being recorded in the FishTalk database. Sensors measure continuously and are serviced/calibrated by RealFish, therefore it was not possible, nor necessary, to review onsite calibration. No weekly average percent saturation of dissolved oxygen dropped below 70%.</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>	Results were compliant and above 2mg/L	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>	The Norwegian water jurisdiction has national and regional coastal water quality targets. The official survey methods harmonize with the EU water directive. The classification has five grades: very good, good, moderate, moderate poor and very poor. The area classified as Møravikfjorden is graded as "good". Source: Classification of environmental stage in water. Veileder 02. 2015. 230 pages. On-line PDF report at in Norwegian Vannportalen.no. Data based on bottom fauna assessment, occurrence of metals and impact from municipal water treatment and fish farming.	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 as the farm is located in an area covered by national and regional coastal water quality targets.	Compliant															
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>	Biochemical Oxygen Demand (BOD) for the last complete production cycle is given in Transparency sheet BOD = 2958.82mTO2	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>	The farm maintains hygiene on site by following the procedures as outlined in their internal regulation (Hygieneenreglement - Matfisk. Version 07. Last Update: 13-01-21, ID:127). It describes all areas of work for the staff; from working clothes, chemicals and safety equipment, to what to do if their is a suspicion of disease on site. All chemicals and veterinary drugs are stored appropriately as demonstrated through photographs of storage areas and interviews with the farm manager and fish health personnel. Workers on site have also documented training in hygiene procedures. To ensure additional safe and hygienic practices during the COVID-19 outbreak, the farm has a procedure specific to COVID-19 safe working practices covering daily activities to meeting external visitors (COVID-19 - Korona-Veiledning for Ansatte. Updated: March 2021).	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 farm follows Cermaq's internal procedure for receiving, storing and controls of feed (Prosedyre for formottak , lagring og kontroll av for. V.10. Update: 23-03-2020). Feed is manually measured for fines each month and follows ASC requirements as outlined in Appendix I-2, for example, sampling performed 24-02-21 reviewed. All measurements were compliant, and all feed was received from BioMar.</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>The farm provided a documented assesment of it's potential impacts in the report "Konsekvensutredning ytre miljø: Martnesvika, Ånderbakk, Hellarvika, Flehammar og Hjartøya" (date: 01-08-2019). The report identifies species in the area and details measures to be taken to prevent and mitigate potential risks. The document is demonstrates compliance with the requirements outlined in Appendix I-3.</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>The farm is not in a HCVA, validated through Norwegian regulation websites and via ASC GIS data.</p> <p>The location of the farm relative to nearby protected areas or HCVAs is visualized on interactive maps from The Environmental Directorate:</p> <p>1) https://kart.naturbase.no/.</p> <p>2) «The salmon register» https://laksekart.fylkesmannen.no/</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>The site does not use ADDs or AHDs. Statement from Cermaq informing that no sites in Nordland use ADDs or AHDs for predator control (date:21-02-2019, signed by the Sustainability Manager). Photographs provided of the site and cages do not show ADDs/AHDs onsite.</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>There have been no mortalities of red-listed marine mammals or birds on site during the current generation.</p> <p>Internal procedure "Prosedyre for samspill med dyr og fugler" (date:30-10-2019, version:16) describes how to respond to mortalities onsite. However, it does not include information on how to record the species of the dead animal, and consequently the site is at risk of incorrectly registering animals which may have been hared. The UoC has recorded mortalities and made them publicly available, therefore if it not seen as a systemic issue and is raised as a minor.</p>	Minor	<p>"Prosedyre for samspill med dyr og fugler, date:30-10-2019, version:16." does not include information on how to record the species of the dead animal. The UoC has recorded mortalities and made them publicly available, therefore if it not seen as a systemic issue and is raised as a minor.</p>	11-jun-21	09-sep-21	09-sep-21	Closed				<p>The procedure was updated several months ago, but was missing a few approvals from management</p>	<p>The responsible coordinator has reminded the management to approve, and the updated procedure is now uploaded in Intellex.</p>	<p>Coordinator responsible for closing NC's in Intellex previously closed it when the procedure had been updated, but it had'nt been uploaded yet due to the missing approvals. Corrective action is to make sure changes in procedures is published before closing to make sure the process doesn't stop.</p>	<p>The updated procedure ("Prosedyre for samspill med dyr og fugler", version 17, date:09-04-21) meets ASC requirements. Additional evidence provided (Snarvei_Intellex6_5_147_0_2021-07-08-14-03-32.pdf) demonstrates the now updated procedure is available on the internal Intellex system. The root cause of the NC has been addressed and the Nc can now be closed.</p>			

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>There have been no lethal actions taken during the current cycle.</p> <p>Should a lethal action be requirement, the procedure "Prosedyre for samspill med dyr og fugler" (date:30-10-2019, version:16) is followed. The procedure outlines the need to have approval from the area manager prior to killing any animal.</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>All information rearding lethal incidents are made publicly available via the Cermaq website:</p> <p>https://www.cermaq.no/baerekraft/mlj/%C3%BBresultater</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>There have been no lethal incidents in the previous two years. All information rearding lethal incidents are made publicaly available via the Cermaq website:</p> <p>https://www.cermaq.no/baerekraft/mlj/%C3%BBresultater</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>The procedure "Prosedyre for samspill med dyr og fugler" (date:30-10-2019, version:16) describes the actions that shall be taken in the case of a lethal incident onsite. This includes performing a risk assessment to prevent reoccurrence. Following a lethal incident, it is registered internally in Cermaq's Intelelex database and a risk assessment is performed to address the case.</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, fallowing, 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>Ånderbakk is part of an ABM for the region of Steigen. The ABM is organised and led by fish health company, Labora. The ABM agreement (Samordnet plan for juse bekejnpelse for region Nordland Nord, valid from 01-11-20 to 01-11-21, Vedlegg for sone 4 Steigen) was reviewed during the audit. The ABM focuses on sealice management, information sharing regarding disease (email from Cermaq to ABM, dated: 18-05-2020, regarding notification of diseases), stocking, fallowing and treatments. Maximum sea lice levels and fallow periods follow national requirements. Meeting notes from 18-06-2020 for the meeting of Subregion Nordland Nord reviewed. The meeting covered the topics of sealice and disease notifications to follow company contingency plans. All sites in the region Steigen are part of the ABM and are compliant with Appendix II-1 requirements.</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:</p> <ul style="list-style-type: none">- Varpa project, providing financial support for monitoring the health of wild salmonids in Nordland, active since 2019. Agreement between Cermaq and other parties reviewed (signed 10-07-2019).- GSI member, active since 2018- Kompetansekylnge laks (Knowledge-cluster Salmon), leading by a commites where Cermaq is included, active since 2018. Including several subprojects, year to year perspective. (https://kompetansekyngelaks.no/om-oss/).- 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. (https://climefish.eu/cermaq/).- CtrialAQUA , looking into closed aquaculture systems. Cermaq are participating as a stakeholder and financially (https://ctrilaqua.no/)	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>Weekly reports on sealice levels are sent around the ABM by the coordinating company. The ABM follows the Norwegian Sea Lice Order (FOR-2012-12-05-1140) that maximim sea lice (Lepeophtheirus salmonis) load is 0.5 adult female lice on average per salmon except in the sensitive smolt migration period weeks 21 to 26.</p> <p>Governmental research institutes (Institute of Marine Research) monitor sea lice load on wild salmon for developing a predictive model published as the sea lice map (https://www.hi.no/forskning/marine-data-forskningdata/lakseluskart/html/lakseluskart.html). 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. Information on current sealice status across the region is shared during the weekly meetings, as demonstrated in the meeting notes from 18-06-2020.</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 schedule for sea lice testing follow the Norwegian sea lice order (FOR-2012-12-05-1140): counting at least weekly at sea water temperature of 4 degrees or above and at least every 14 day, when temperatures are below 4 degrees. Information publically available every 7 days at http://barentswatch.no</p> <p>Annex 1 in the sea lice order outlines the precise methodology. Briefly, the farm randomly samples 20 salmon from each cage, registering lice as adult female, mobile or stationary sea lice. It is a statutory requirement to report sea lice counts to the Norwegian Foodsafty Authority (FOR-2012-12-05-1140).</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>There are three species in the area: Atlantic salmon (<i>Salmo salar</i>), Sea trout, <i>Salmo trutta</i> and Arctic char (<i>Salvelinus alpinus</i>).</p> <p>The life history and migration routes of wild salmonids is well known and reported by official sources.</p> <p>1. The The Norwegian Environmental Directorate publish map of Norwegian salmon rivers, https://miljostatus.miljodirektoratet.no/tema/ferskvann/laks/nasjonale-lakevassdrag-og-laksefjorder/</p> <p>2. The Norwegian Environment Agency maintain public information: https://lakseregisteret.fylkesmannen.no/ and a map depicting location of national salmonid rivers: https://laksekart.fylkesmannen.no/</p> <p>3. The Norwegian Environmental Directorate: A summary of knowledge on smolts "Smolt - en kunnskapsoppsummering" M136-2014. 128 pp.</p> <p>4. The Institute of Marine Research published the report entitled the risk assessment report for Norwegian fish farming - "Risikorapport norsk fiskeoppdrett 2018". Fiskei & havet, 1, 2018. 184 pp.</p> <p>According to the Norwegian Sea Lice Order (FOR-2012-12-05-1140) sensitive periods are weeks 21 to 26, coinciding with natural outward smolt migration.</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>Atlantic salmon (<i>Salmo salar</i>), sea trout (<i>Salmo trutta</i>) and Arctic char (<i>Salvelinus alpinus</i>) are naturally occurring in the area.</p> <p>Fish health managers are aware of when the sensitive period occurs, and are aware of reports and research performed by the government on salmon migration periods. They utilise the information given on the status of sea lice on wild salmon available on Vternskapelig Råd website. They also receive additional information via the NINA Newsletter.</p> <p>Governmental regulatory bodies survey sea lice levels on wild salmonids. The Institute of Marine Research (IMR) publish reports covering a Risk Assessment for Norway. IMR report on wild stock sea lice situation "Smolt - kunnskapsoppsummering" M1-36-2017, and "Risikovurdering av Norsk Fiskeoppdrett IMR and the Veterinary Institute report on measuring environmental effects on wild salmon". This is in accordance with VR 136, as Norwegian legislation does not allow for private research on wild salmonids</p>	Compliant															

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>Atlantic salmon (<i>Salmo salar</i>), sea trout (<i>Salmo trutta</i>) and Arctic char (<i>Salvelinus alpinus</i>) are naturally occurring in the area.</p> <p>The site is compliant with VR227 which allows for 0.2 mature female lice during the sensitive period as set by Norwegian regulations. The sensitive period for this area is between weeks 21 - 26. IMR provide the feedback loop in that their sea lice monitoring enter a predictive model for estimating sea lice levels in areas with wild salmonids and farming activities. IMR publish results on the sea lice map (https://www.hi.no/forskning/marine-data-forskningsdata/lakseluskart/html/lakseluskart.html) which the fish health managers then use when creating sea lice treatment plans.</p>	Compliant															
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 (<i>Salmo Salar</i>) is native in the area.</p>	Compliant															
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 (<i>Salmo Salar</i>) is native in the area.</p>	Compliant															
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>Lumpfish are currently being used on site. Fish delivered from Mørkvedbukta AS to Cermaq Hellarvika via Wellboat: Clean Ocean. Total number of fish: 78900. Date 20-08-2020.</p>	Compliant															
3.3	<p>Indicator: Use of transgenic (54) salmon by the farm</p> <p>Requirement: None</p> <p>Applicability: All</p>	<p>The current fish stocked come from AquaGen broodstock (as demonstrated in Fish CV and on FishTalk database). Statement from egg supplier AquaGen ("Erklæring om GMO", signed 06-01-2020, Trondheim 06-01-2020) stating all eggs are non-GMO. Declaration from Cermaq (Date 20-11-2019) stating there are no GMO fish, and that all fish are traceable back to broodstock provider.</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>There have been no escapes at Ånderbakk.</p> <p>It is statutory to report escapes to the Fisheries Directorate. The directorate verify data and ultimately report escape numbers: https://www.fiskeridir.no/Akvakultur/Tall-og-analyse/Roemningsstatistikk</p> <p>Farm information was cross-checked and verified with Fisheries Directorate reports, and confirmed no escapes.</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>Fish are counted during vaccination and when loaded onto the transport vessel via to being transferred to site. Once the fish are harvest, the harvest vessel/well boats count the fish loading.</p> <p>During vaccination, the fish are counted using Aqua Scan Unit CSF4000 which has 98 - 100% accuracy.</p> <p>Fish counting technology on well boats varies depending on vessel, but all counters used have 98-100% accuracy. For example: VAKI MACRO EXEL has over 99% accurate, AquaScan Unit CSE1600 has 98 - 100% accuracy.</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>18G: EUL: -1,19%</p> <p>Input: 1103276</p> <p>Dead: 84305</p> <p>Harvest: 1032068</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>Pursuant to the Norwegian Aquaculture Act (LOV-2005-06-17-79), fish farms must have escape risk analysis-based preventive and response plans in place. Contingency Plan for Cermaq Norway ("Beredskapsplan Cermaq Norway", date: 14-12-2020 ,version:8, ID:1154) describes how the site is to respond to a suspected or confirmed escape incident. The site performs escape training exercises following the Cermaq procedure for implementation of exercises ("Prosedyre for gjennomføring av øvelser", date: 02-10-2018, version: 2), as shown by the escape training which took place 04-12-2020 with 3 of the site employees.</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>The most recent completed production cycle and most current cycle source feed from the supplier BioMar.The company can demonstrate traceability of the feed for all ingredients which make up more than 1% of the feed, and is Global GAP certified.</p> <p>BioMar Global GAP certification: GGN: 4050373810030 Certification Number: 00084-NPKHN-0003 Product Scope: Compound Feed Manufacturing Validity: 17-12-2020 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>For the most reent completed cycle 18G: eFCR=1.13 FFDRm=0.40</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) Requirement: FFDRo < 2.52 or (EPA + DHA) < 30 g/kg feed Applicability: All</p>	<p>For the most recent completed cycle 18G: eFCR=1.13 FFDRo=1.91</p>	Compliant															
4.3.1	<p>Indicator: Timeframe for all fishmeal and fish oil used in feed to come from fisheries(66) certified under a scheme that is an ISEAL member (67) and has guidelines that specifically promote responsible environmental management of small pelagic fisheries Requirement: Not required Applicability: N/A</p>	N/A	Compliant															
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 Requirement: All individual scores ≥ 6, and biomass score ≥ 6 Applicability: All</p>	<p>All fish sources used by Biomar during 2020 are publicly available (https://www.biomar.com/globalassets/global/sustainability-report/biomar-marine-ingredients-2020.pdf) and demonstrate 74.9% of all feed produced by BioMar is ASC compliant. Amount of ASC compliant feed claimed by ASC Farms: 21.89%, Surplus ASC Feed: 56.41%. Proof of Mass Balance Compliance for BioMar Norway 2020 (20-02-2021) reviewed. "Average Fishery Composition of BioMar Norway Marine Ingredients in 2020" Table shows 78.3% for fish oil of all feed ingredients are ASC Compliant. Fish meal : 93.7.%, None are classified as IUU or endangered or critically endangered.</p>	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 Requirement: Yes Applicability: All</p>	<p>The supplier can demonstrate third party verification of chain of custody and traceability through Global GAP certification: BioMar Global GAP certificate: GGN: 4050373810030 Certification Number: 00084-NPKHN-0003 Product Scope: Compound Feed Manufacturing Validity: 17-12-2020 to 20-08-2023</p>	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 Requirement: None (72) 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>	<p>Cermaq Statement: regarding fish feed source states in their "Code of Conduct - Feed Suppliers" (2019) states that all fish are to be responsibly sourced; no use of fishmeal or fishoil from IUU catch or of vulnerable, endangered or critically endangered IUCN red listed species. Statements from the feed suppliers 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. 20G: Statements from Biomar: Trondheim - February 16th, 2021 MARINE INGREDIENTS1 COMPOSITION BIOMAR NORWAY 2020 Key points related to ASC Salmon Standard v1.3 Criterion 4.3 – with more information in the BioMar Sustainable Sourcing Policy 4.3.5 – 4.4.1a BioMar: Raw Materials Purchasing Policy for BioMar Norway 2020, Date: 18-01-2021. No IUU , no critically or endangered by IUCN. All vegetable ingredients: No palm oil being used. No more than GMO. Soya shall only be from a certified source.</p>	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) Requirement: Yes Applicability: All</p>	<p>Raw Materials Purchasing Policy for BioMar Norway 2020, Date: 18-01-2021, states no IUU , no critically or endangered by IUCN. All vegetable ingredients: No palm oil being used. No more than GMO. All Soya shall be only from certified sources. BioMar AS Public Statement on sustainability: https://www.biomar.com/no/norway/historier/barekraft/er-sjomat-fra-oppdrett-barekraftig/</p>	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>	<p>BioMar is Global GAP certified. "Innkjøpspolicy for Fôrråvarer" (12-09-2018) states that BioMar's production of vegetable produce follows international and national laws. They do not purchase goods sourced from vulnerable habitats.</p> <p>BioMar Raw Materials Purchasing Policy for BioMar Norway 2020. Date: 18-01-2021. No IUU , no critically or endangered by IUCN. All vegetable ingredients: No palm oil being used. No more than GMO. Soya shall only be from certified sources.</p>	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>BioMar Soya products will only be sourced from certified ProTerra and RTRS, or equivalent known standards (BioMar Statement "Innkjøpspolicy for Fôrråvarer" dated 12-09-2018). Proterra Certificate from BioMar supplier Selecta S.A. Araguani Unit (Validity: 30-04-2020 to 05-05-2021)</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>All salmon produced on site are sold with information related to feed sources in the form of Product CVs (for example: Product and Quality Control Cermaq, Farm: Ånderbakk, Cage: 04, harvested:27-01-2020).</p>	Compliant															
4.5.1	<p>Indicator: Presence and evidence of a functioning policy for proper and responsible(82) treatment of non-biological waste from production (e.g., disposal and recycling)</p> <p>Requirement: Yes</p> <p>Applicability: All</p>	<p>Cermaq procedure for handling waste ("Prosedyre for avfallshåndtering", version 13, date: 07-06-2018) describes the types of waste onsite, where to delive it to, and extra information for specific disposal (for example: plastic, paper, chemicals, work clothes). Ånderbakk delivers its waste to the shorebase at Nordfold for collecting.</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>Cermaq procedure for handling waste ("Prosedyre for avfallshåndtering", version 13, date: 07-06-2018) describes the types of waste onsite, where to delive it to, and extra information for specific disposal (for example: plastic, paper, chemicals, work clothes). Ånderbakk delivers its waste to the shorebase at Nordfold for collecting.</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>Cermaq are ISO14001:2015 certified (Cermaq Multi site certificate for production of atlantic salmon. Valid 21-02-2010 to 18-02-2022, last audit: June 2020. Certificate no.: DK0110005.)</p> <p>Last complete production cycle 18G: 2170516kJ/mT</p> <p>Scope 1: Diesel, fuel oil, crude oil, petrol, propane</p> <p>Scope 2: Electricity</p> <p>Source for conversion rates: IEA, SSB, EIA and IPCC.</p> <p>All calculations were reviewed during the audit, and are compliant with ASC requirements.</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>Annual emissions as calculated and shown in "Energibruk 2020" excel file:</p> <p>Annual assessment 2020: 153.23 CO2e/t</p> <p>Scope 1: Diesel, fuel oil, crude oil, petrol, propane</p> <p>Scope 2: Electricity</p> <p>Source for conversion rates: IEA, SSB, EIA and IPCC,</p> <p>All calculations were reviewed during the audit, and are compliant with ASC requirements.</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>For the previous production cycle 186 production cycle for feed from BioMar: 107781t CO2ekv</p> <p>All calculations were reviewed during the audit, and are compliant with ASC requirements.</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>Net certificates show the nets are coated with AquaNet Protect by Steen-Hansen. This coating does not contain copper, it has the active ingrediaten Econea (a zinc based substance). Therefore indicator 4.7.1 is N/A.</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>Net cleaning takes place on site, with all Cermaq sites in the Steigen area having a dedicated boat and staff for net cleaning.</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>N/A as the farm does not use copper treated nets.</p>	Compliant															
4.7.4	<p>Indicator: Evidence that copper levels(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>N/A as the farm does not use copper treated nets.</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 use of the biocide is included in the Norwegian biocide order (FOR-2017-04-18-480) of 18-04-17, Ministry of Climate and Environment. Source: EU 2016/1089. Approving zinc as an existing active substance for use in biocidal products</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: Ånderbakk, Hellarvika, Hjertøy and Martnesvika). 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. 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 metoder", 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 when fish are stocked on site.</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>All dead fish are removed and disposed of via ensilage, removed by Hordafor. There are currently no fish on site.</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 FishTalk. Detailed information given in the transparency data submitted to ASC 04-06-2021. All site staff have taken training in fish health and classifying mortalities. During fish health visits, health personnel ensure staff are appropriately categorising mortalities. In addition to this, a selection of dead fish are sampled and tested for disease.</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: Total mortality = 7.64% Virus + Unspecified = 5.61%</p> <p>Detailed information given in the transparency data submitted to ASC 04-06-2021.</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: Total unexplained mortality = 5.61% The number of unexplained mortalities is below 6%, therefore indicator 5.1.6 is N/A.</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>The Production Coordinator and Fish Health Manager assess mortality data from previous cycles to decide on the upcoming cycles mortality goals, aiming to reduce mortalities on site with each cycle. Ånderbakk 186 had a mortality goal of <4%.</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 doing, 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. Prescriptions 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. All information given in the Product CVs (for example: Product and Quality Control Cernaq, Farm: Ånderbakk, Cage: 04, harvested:27-01-2020).</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 (Fiskehelseplan: Ånderbakk, Hellarvika, Hjertøy og Martnesvika) 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 MØWi 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 Cernaq are registered in the legal registration system (https://register.helsedirektoratet.no/hpr) by The Norwegian Food Safety Authority. All information given in the Product CVs (for example: Product and Quality Control Cernaq, Farm: Ånderbakk, Cage: 04, harvested:27-01-2020).</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>The previous 18G cycle had 1 WNMt with Slice from27-06-2019 to 10-07-2019. All information submitted to ASC in the transparency data 04-06-2021.</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	<p>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)</p> <p>Requirement: Yes</p> <p>Applicability: All</p>	<p>The current generation has had 1 WNMt, this is below the global entry level of 3 treatments.</p>	Compliant															
5.2.8	<p>Indicator: The farm shall implement Integrated Pest Management (IPM) according to the guidance in Appendix VII of the Salmon standard v.1.3</p> <p>Requirement: Yes</p> <p>Applicability: All</p>	<p>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.</p> <p>The IPM is compliant with the guidance given in Appendix VII.</p>	Compliant															
5.2.9	<p>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</p> <p>Requirement: Yes</p> <p>Applicability: All</p>	<p>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.</p>	Compliant															
5.2.10	<p>Indicator: The farm shall monitor parasiticide residue levels annually in the benthic sediment directly outside the AZE</p> <p>Requirement: Yes</p> <p>Applicability: All</p>	<p>N/A in accordance with Q&A0111</p>	Compliant															

5.2.11	<div>Indicator: Allowance for prophylactic use of antimicrobial treatments(104)</div> <div>Requirement: None</div> <div>Applicability: All</div>	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	<div>Indicator: Allowance for use of antibiotics listed as critically important for human medicine by the World Health Organization (WHO)(105)</div> <div>Requirement: None(106)</div> <div>Applicability: All</div>	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	<div>Indicator: Number of treatments(107) of antibiotics over the most recent production cycle</div> <div>Requirement: ≤ 3</div> <div>Applicability: All</div>	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	<div>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</div> <div>Requirement: Yes (109)</div> <div>Applicability: All</div>	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	<div>Indicator: Presence of documents demonstrating that the farm has provided buyers(110) of its salmon a list of all therapeutants used in production</div> <div>Requirement: Yes</div> <div>Applicability: All</div>	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 example: Product and Quality Control Cermaq, Farm: Änderbakk, Cage: 04, harvested-27-01-2020.	Compliant															
5.3.1	<div>Indicator: Bio-assay analysis to determine resistance when two applications of a treatment have not produced the expected effect</div> <div>Requirement: Yes</div> <div>Applicability: All</div>	There have been no treatments 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 LiceAdvisor report (report ID: PG064083, date: 14-09-2020) which tested for Azamethiphos and Pyretroider.	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 have been no treatments 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 have been no treatments during the cycle, therefore there has been no need to perform specific bio-assay analysis as the treatment gave the desired effect.</p>	Compliant															
5.4.1	<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>Smolt were input to site between 16-08-2018to 24-09-2018 , 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 Cermaq Norway (Beredskapsplan Cermaq 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 fiskevefferd/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: 1. the farm, at a minimum, immediately culled the pen(s) in which the disease was detected 2. the farm immediately notified the other farms in the ABM (120) 3. the farm and the ABM enhanced monitoring and conducted rigorous testing for the disease 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 indicator was not audited at the current audit as it was audited during last audit.	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 indicator was not audited at the current audit as it was audited during last audit.	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 indicator was not audited at the current audit as it was audited during last audit.	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 indicator was not audited at the current audit as it was audited during last audit.	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 indicator was not audited at the current audit as it was audited during last audit.	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 indicator was not audited at the current audit as it was audited during last audit.	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 indicator was not audited at the current audit as it was audited during last audit.	Not audited																

6.4.2	<div>Indicator: Number of incidences of discrimination</div> <div>Requirement: None</div> <div>Applicability: All</div>	This indicator was not audited at the current audit as it was audited during last audit.	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 indicator was not audited at the current audit as it was audited during last audit.	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 indicator was not audited at the current audit as it was audited during last audit.	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 indicator was not audited at the current audit as it was audited during last audit.	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 indicator was not audited at the current audit as it was audited during last audit.	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 indicator was not audited at the current audit as it was audited during last audit.	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 indicator was not audited at the current audit as it was audited during last audit.	Not audited															

6.6.1	Indicator: The percentage of workers whose basic wage(134) (before overtime and bonuses) is below the minimum wage(135) Requirement: 0 (None) Applicability: All	This indicator was not audited at the current audit as it was audited during last audit.	Not audited																
6.6.2	Indicator: Evidence that the employer is working toward the payment of basic needs wage(136) Requirement: Yes Applicability: All	This indicator was not audited at the current audit as it was audited during last audit.	Not audited																
6.6.3	Indicator: Evidence of transparency in wage-setting and rendering(137) Requirement: Yes Applicability: All	This indicator was not audited at the current audit as it was audited during last audit.	Not audited																
6.7.1	Indicator: Percentage of workers who have contracts(139) Requirement: 100% Applicability: All	This indicator was not audited at the current audit as it was audited during last audit.	Not audited																
6.7.2	Indicator: Evidence of a policy to ensure social compliance of its suppliers and contractors Requirement: Yes Applicability: All	This indicator was not audited at the current audit as it was audited during last audit. However, the closure of the previous NC was confirmed during current audit.	Not audited																
6.8.1	Indicator: Evidence of worker access to effective, fair and confidential grievance procedures Requirement: Yes Applicability: All	This indicator was not audited at the current audit as it was audited during last audit.	Not audited																
6.8.2	Indicator: Percentage of grievances handled that are addressed(140) within a 90-day timeframe Requirement: 100% Applicability: All	This indicator was not audited at the current audit as it was audited during last audit.	Not audited																
6.9.1	Indicator: Incidences of excessive or abusive disciplinary actions Requirement: None Applicability: All	This indicator was not audited at the current audit as it was audited during last audit.	Not audited																

6.9.2	<p>Indicator: Evidence of a functioning disciplinary action policy whose aim is to improve the worker (141)</p> <p>Requirement: Yes</p> <p>Applicability: All</p>	This indicator was not audited at the current audit as it was audited during last audit.	Not audited															
6.10.1	<p>Indicator: Incidences, violations or abuse of working hours(143) and overtime laws</p> <p>Requirement: None</p> <p>Applicability: All</p>	This indicator was not audited at the current audit as it was audited during last audit.	Not audited															
6.10.2	<p>Indicator: Overtime is limited, voluntary(144), paid at a premium rate and restricted to exceptional circumstances</p> <p>Requirement: Yes</p> <p>Applicability: All</p>	This indicator was not audited at the current audit as it was audited during last audit.	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 indicator was not audited at the current audit as it was audited during last audit.	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 indicator was not audited at the current audit as it was audited during last audit.	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 indicator was not audited at the current audit as it was audited during last audit.	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 indicator was not audited at the current audit as it was audited during last audit.	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 indicator was not audited at the current audit as it was audited during last audit.	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 indicator was not audited at the current audit as it was audited during last audit.	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 indicator was not audited at the current audit as it was audited during last audit.	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 indicator was not audited at the current audit as it was audited during last audit.	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>	This indicator was not audited at the current audit as it was audited during last audit.	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>	This indicator was not audited at the current audit as it was audited during last audit.	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>	This indicator was not audited at the current audit as it was audited during last audit.	Not audited															

8.2	<p>Indicator: Compliance with labour laws and regulations</p> <p>Requirement: Yes</p> <p>Applicability: All Smolt Producers</p>	This indicator was not audited at the current audit as it was audited during last audit.	Not audited															
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>	This indicator was not audited at the current audit as it was audited during last audit.	Not audited															
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>	This indicator was not audited at the current audit as it was audited during last audit.	Not audited															
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>	This indicator was not audited at the current audit as it was audited during last audit.	Not audited															
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>	This indicator was not audited at the current audit as it was audited during last audit.	Not audited															
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>	This indicator was not audited at the current audit as it was audited during last audit.	Not audited															
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>	This indicator was not audited at the current audit as it was audited during last audit.	Not audited															

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>	This indicator was not audited at the current audit as it was audited during last audit.	Not audited															
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>	This indicator was not audited at the current audit as it was audited during last audit.	Not audited															
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>	This indicator was not audited at the current audit as it was audited during last audit.	Not audited															
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>	This indicator was not audited at the current audit as it was audited during last audit.	Not audited															
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>	This indicator was not audited at the current audit as it was audited during last audit.	Not audited															
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>	This indicator was not audited at the current audit as it was audited during last audit.	Not audited															
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>	This indicator was not audited at the current audit as it was audited during last audit.	Not audited															

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>	This indicator was not audited at the current audit as it was audited during last audit.	Not audited															
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>	This indicator was not audited at the current audit as it was audited during last audit.	Not audited															
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>	This indicator was not audited at the current audit as it was audited during last audit.	Not audited															
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>	This indicator was not audited at the current audit as it was audited during last 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>	This indicator was not audited at the current audit as it was audited during last 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>	This indicator was not audited at the current audit as it was audited during last 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>	This indicator was not audited at the current audit as it was audited during last 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>	This indicator was not audited at the current audit as it was audited during last audit.	Not audited															

8.25	<div>Indicator: Allowance for stocking smolts produced in cage-culture</div> <div>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</div> <div>Applicability: open (net-pen) production of smolt</div>	This indicator was not audited at the current audit as it was audited during last audit.	Not audited															
8.26	<div>Indicator: Water quality monitoring matrix completed and submitted to ASC (see Appendix VIII of the Salmon standard v.1.3)</div> <div>Requirement: Yes(171)</div> <div>Applicability: open (net-pen) production of smolt</div>	This indicator was not audited at the current audit as it was audited during last audit.	Not audited															
8.27	<div>Indicator: Minimum oxygen saturation in the outflow (methodology in Appendix VIII of the Salmon standard v.1.3)</div> <div>Requirement: 60%(172, 173)</div> <div>Applicability: All Smolt Producers Using Semi-Closed or Closed Production Systems</div>	This indicator was not audited at the current audit as it was audited during last audit.	Not audited															
8.28	<div>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)</div> <div>Requirement: Yes</div> <div>Applicability: All Smolt Producers Using Semi-Closed or Closed Production Systems</div>	This indicator was not audited at the current audit as it was audited during last audit.	Not audited															
8.29	<div>Indicator: Evidence of implementation of biosolids (sludge) Best Management Practices (BMPs) (Appendix VII of the Salmon standard v.1.3)</div> <div>Requirement: Yes</div> <div>Applicability: All Smolt Producers Using Semi-Closed or Closed Production Systems</div>	This indicator was not audited at the current audit as it was audited during last audit.	Not audited															

[illegible]

[illegible]

Summary of Standard Non Conformities (NC)

Standard: Salmon
Version: 1,3

NC Type	NC Totals
Major	1
Minor	2
Total	3

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

NC Code (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
	1.1.2	Indicator: Presence of documents demonstrating compliance with all tax laws Requirement: Yes Applicability: All	Authorised auditor report/statement for Cermaq Norway organisation number 980211282, dt.01.07.2019 by Deloitte Tax payment for 2020 to Tax collector in Steigen municipality registered 18.03.2020. The tax report for 2021 was not yet prepared at the time of audit. Proof of tax payments issued by the government body Skatteetaten was reviewed (date of issue: 27-04-2021). Cermaq Norway has collected electronic copies of all applicable laws, regulations and other requirements with updates and electronic links from Lovdata.no to their Quality Management System (QMS) Intellex. However, there is no evidence to show copies of laws related to tax are easily accessible, including on the internal Intellex system. This does not result in nonconforming products being produced, is limited in impact and therefore is graded as minor. Cermaq Norway is registered in The National Company register (Brønnøysundregistrene) with industry codes 03.211: Ocean and coastal based aquaculture, 03.222 Smoltproduction and 10.209 Processing of seafood.	Minor	There is no evidence to show copies of laws related to tax are easily accessible, including on the internal Intellex system. This does not result in nonconforming products being produced, is limited in impact and therefore is graded as minor.	11-jun-21	09-sep-21	09-sep-21	Closed					The tax laws should not be in Intellex since it's mostly laws and regulations regarding other procedures in Intellex. We do not have any procedures in connection with taxes.	In Cermaq Norway taxes are processed in connection with the calculation and payment of wages. Tax laws is therefore relevant for our employees in the payroll department, and they have access to Lovdata.no and also get notification from our payroll system Simployer when changes are done in regulations (attached example). In general for all laws and regulations we use the official web portal Lovdata.no. This portal is free and very easily accessible to anyone.	Cermaq Norway is checked for compliance with these rules at a 3rd party audit every year (government requirement).	Evidence provided (email dated 28-06-21, "Avvik lover og regler") demonstrates Cermaq employees have easy access to tax laws. Taking this into consideration with the annual third party audit, the farm is able to demonstrate knowledge and compliance with tax laws. The nonconformity is therefore closed.			
	2.1.2	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 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 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.	Sampling stations outside the AZE (C2, C3, C4) had Shannon Wiener Index scores of 4.33, 2.02 and 4.71 respectively,as documented in the environmental report for Ånderbakk ("Cermaq Norway AS. ASC- og C-undersøkelse 33457 Ånderbakk 2020", Report no.: 61792.02, Sampling Date: 14-01-2020, Report Date:29-04-20210. Sampling was performed at peak biomass by third party Akvaplan niva. Akvaplan Niva have Norwegian Accreditation for TEST 079 (collection and analysis of sediment and fauna, compliant to NS-EN ISO/IEC 17025). Sampling station C3 has a Shannon Wiener Index Score of 2.02, this is below the requirement of 3.00. As this is a repeated finding, and no additional evidence has been provided, the NC is graded as major.	Major	Sampling station C3 has a Shannon Wiener Index Score of 2.02, this is below the requirement of 3.00. Sampling performed and reported by Akvaplan niva (Report: Cermaq Norway AS. ASC- og C-undersøkelse 33457 Ånderbakk 2020, date: 29.04.2020). As this is a repeated finding, and no additional evidence has been provided, the NC is graded as major.	11-jun-21	09-sep-21	09-sep-21	Closed					This is not a repeated finding and therefore not a major NC. The survey reviewed at the previous audit (done by Akvaplan Niva on 14-11-2018) did not show a Shannon-Wiener score below the requirement. During this audit, results from peak production loading (done by Akvaplan Niva on 14-01-2020) did show a Shannon-Wiener score below the requirement. The rootcause is higher production loading due to the additional biomass moved to the site during the algae outbreak in 2019.	The site has been fallowed since 29-04-2020 and will not recieve fish until autumn 2022 at the earliest. An additional survey was done 16-06-2021, which showed that the site has recovered and the Shannon-Wiener score (H') is above the requirement for station C3.	The site will be fallowed for at least 2,5 years and the maximum allowed biomass (MTB) will most likely not be exploited, giving less production loading at Ånderbakk.	The additional survey results from 16-06-2021 are documented in "Ekstra undersøkelse Ånderbakk, 16.06.2021" report by Akvaplan niva. The new samples demonstrate the sample locations C2 and C3 are compliant with ASC requirements, with a shannon wiener scores of 4.10 and 4.64 respectively. This demonstrates the root cause of the issue has been appropriately addressed by Cermaq, the site is compliant and the NC is now closed.			
	2.5.2	Indicator: Number of mortalities (32) of endangered or red-listed (33) marine mammals or birds on the farm Requirement: 0 (zero) Applicability: All	There have been no mortalities of red-listed marine mammals or birds on site during the current generation. Internal procedure "Prosedyre for samspill med dyr og fugler" (date:30-10-2019, version:16) describes how to respond to mortalities onsite. However, it does not include information on how to record the species of the dead animal, and consequently the site is at risk of incorrectly registering animals which may have been hared. The UoC has recorded mortalities and made them publicly available, therefore if it not seen as a systemic issue and is raised as a minor.	Minor	"Prosedyre for samspill med dyr og fugler, date:30-10-2019, version:16." does not include information on how to record the species of the dead animal. The UoC has recorded mortalities and made them publicly available, therefore if it not seen as a systemic issue and is raised as a minor.	11-jun-21	09-sep-21	09-sep-21	Closed					The procedure was updated several months ago, but was missing a few approvals from management	The responsible coordinator has reminded the management to approve, and the updated procedure is now uploaded in Intellex.	Coordinator responsible for closing NC's in Intellex previously closed it when the procedure had been updated, but it had'nt been uploaded yet due to the missing approvals. Corrective action is to make sure changes in procedures is published before closing to make sure the process doesn't stop.	The updated procedure ("Prosedyre for samspill med dyr og fugler", version 17, date:09-04-21) meets ASC requirements. Additional evidence provided (Snarvei_Intellex6_5_147_0_2021-07-08-14-03-32.pdf) demonstrates the now updated procedure is available on the internal Intellex system. The root cause of the NC has been addressed and the Nc can now be closed.			