

G.A.P.'s 5-Step[®] Animal Welfare Standards Audit Prep Tool Farmed Atlantic Salmon v1.0

When Should I Use the Audit Prep Tool?

The purpose of this tool is to provide farmed Atlantic salmon producers with a simple checklist to help farms identify where they may have issues with compliance to the G.A.P. 5-Step[®] Program for Farmed Atlantic Salmon v1.0. While this Audit Prep Tool covers many of the key requirements in our Farmed Atlantic Salmon Standards, it does not cover every standard. Using this tool does not guarantee that you will pass an audit but should help you prepare for one. This tool can be used if you are preparing for a new audit or if you are getting ready for a renewal audit. Being prepared for the audit helps to identify and resolve issues before the auditor visits your operation, which, in turn, helps the certification process go more smoothly.

Who Should Complete It?

Since this Audit Prep Tool was designed to help you organize for your audit, it would be most beneficial if it were completed by the person(s) responsible for managing the operation and/or fish caretaker.

How Do I Use this Document?

This tool has been divided into sections so that you only need to focus on the sections relevant to your operation. The first section covers the core requirements for ALL Step levels. From there, the document is divided up by Step level – this allows you to skip to the section that's relevant to the level you're looking to be certified to. If you're looking to move up the Steps, this tool can also be used to help identify what your operation would need to do. Finally, we have provided a checklist for written records and documents that you'll need to have. The auditor will be looking for these documents during the audit, so if you're missing any, please check the Farmed Atlantic Salmon area of our website for templates to get you started.

How Do I Know if My Operation Might Have Issues with Compliance?

If you tick the shaded green boxes, then there is a good chance that you are in compliance with the standard. In certain circumstances, a specific standard may not apply to your system, in which case you will also have the option to tick the 'NA' box. If you tick any non-shaded boxes, or are uncertain about any of the questions, we recommend reviewing our resources in the Farmed Atlantic Salmon area of the G.A.P. website or checking in with your certifier for additional help before scheduling the audit.

Where Can I Get More Help?

You can find additional information, including additional resources and templates, on the Farmed Atlantic Salmon area of the G.A.P. website. If you have any questions, feel free to reach out to your certifier or the Farm Animal Welfare team (standards@globalanimalpartnership.org) at G.A.P.

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Requirements for ALL Steps

All operations, no matter which Step level you are applying for, should complete this section.

		Yes	No	NA
1 FISH SOURCE				
1.1	Source/Breed/Lines			
1.1.1	Do you raise cloned or genetically modified salmon?	<input type="radio"/>	<input type="radio"/>	
1.1.2	Do you raise triploid salmon?	<input type="radio"/>	<input type="radio"/>	
1.1.4	If juvenile fish are sourced from separate facilities, are those facilities G.A.P.-Certified?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

		Yes	No	NA
2 FISH HEALTH				
2.3	Medication			
2.3.1, 2.3.2, 2.3.3	If salmon are treated with antibiotics, organophosphates, and/or growth hormones, do you market them as non-G.A.P.?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2.3.8	Are salmon on your operation ever given clove oil?	<input type="radio"/>	<input type="radio"/>	
2.4	Vaccination			
2.4.2	If salmon are vaccinated via needle injection, are all salmon anesthetized prior to vaccination?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2.4.3, 2.4.4	If salmon are vaccinated via needle injection, does the slaughter plant conduct and provide you with a Vaccination Adhesion Assessment for every shipment of salmon?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2.5	Anesthesia			
2.5.2	If salmon are anesthetized, are any of the following drugs used? a. Tricaine methanesulfonate (MS-222); b. Isoeugenol; c. Benzocaine; or d. Metomidate.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2.6	Culling			
2.6.1	Do you cull any salmon meeting the following criteria? a. Emaciated; b. Severe jaw deformity; c. Severe opercular deformity; d. Severe spinal deformity; and/or e. Runts	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	
2.7	On-Farm Euthanasia			
2.7.1	Are the staff who perform euthanasia trained?	<input type="radio"/>	<input type="radio"/>	
2.7.4	Do you euthanize salmon using one or more of the following methods: a. a manual percussive blow followed immediately by a secondary method which ensures death (i.e. gill cutting or exsanguination); b. automated percussive stunning followed immediately by a secondary method (i.e. gill cutting or exsanguination) which ensures death; and/or c. anesthetic overdose.	<input type="radio"/>	<input type="radio"/>	

		Yes	No	NA
3 FISH CARE AND MANAGEMENT				
3.1	Daily Monitoring			
3.1.1	Are fish observed daily, whether in tanks or pens?	<input type="radio"/>	<input type="radio"/>	
3.1.2	Are any dead fish in pens and tanks removed immediately upon discovery?	<input type="radio"/>	<input type="radio"/>	
3.2	Handling			
3.2.3	Are fish that are not anesthetized handled out of water for longer than 10 seconds?	<input type="radio"/>	<input type="radio"/>	
3.2.4, 3.2.5	Are knotted nets or dry brail nets used to handle fish?	<input type="radio"/>	<input type="radio"/>	
3.3	Physical Alterations			
3.3.1	Are salmon's skin or fins removed or altered in any way?	<input type="radio"/>	<input type="radio"/>	
3.3.2	Are salmon physically marked or branded?	<input type="radio"/>	<input type="radio"/>	
3.4	Crowding			
3.4.1	Are salmon ever crowded more than 3 times in a 30-day period?	<input type="radio"/>	<input type="radio"/>	
3.4.3	Are salmon ever crowded for longer than 2 hours?	<input type="radio"/>	<input type="radio"/>	
3.4.4	Are crowding events recorded?	<input type="radio"/>	<input type="radio"/>	
3.5	Pumping			
3.5.1	Are sick or injured fish ever pumped?	<input type="radio"/>	<input type="radio"/>	
3.5.2	Is there a system in place to observe fish during pumping?	<input type="radio"/>	<input type="radio"/>	
3.5.4	Is water quality monitored at the intake and outflow of the pipe during pumping?	<input type="radio"/>	<input type="radio"/>	
3.5.7	Is the pipe fully flushed at the end of each pumping event?	<input type="radio"/>	<input type="radio"/>	
3.6	Grading			
3.6.2	Does the operation grade any salmon under 3g?	<input type="radio"/>	<input type="radio"/>	
3.6.5	Does the operation use active grading systems for salmon greater than 50g?	<input type="radio"/>	<input type="radio"/>	
3.7	Skin, Fin, and Body Condition			
3.7.1	Do you monitor for the following at all life stages? a. Skin injuries or damage, including ulcers and wounds; b. Fin damage; and c. Body condition.	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	
3.7.2, 3.7.8	Do you sample salmon weekly for the skin, fin and body conditions listed above and keep records of the results?	<input type="radio"/>	<input type="radio"/>	

		Yes	No	NA
4 SMOLTIFICATION				
4.1	Smolt Health			
4.1.1	Do you test smolt status using hypertonic water (water with salinity above 35 ppt)?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
4.2.1	Is feed withheld for longer than 24 hours prior to transferring smolts to seawater?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

		Yes	No	NA
5 OPEN WATER PENS / TANKS / RACEWAYS				
5.1	Stocking Density			
5.1.1	Do you stock at densities higher than 45kg/m ³ during freshwater production?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5.2	Water Quality			
5.2.1	For salmon reared in open water pens, are the following water quality parameters monitored on a daily basis? a. Temperature; b. Oxygen saturation (%); and c. Salinity.	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>
5.2.2	For salmon reared in tanks, are the following water quality parameter monitored on a daily basis? a. Temperature; b. Oxygen saturation (%); c. CO ₂ ; d. pH; e. Ammonia; f. Nitrate levels; and g. Nitrite levels.	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>
5.2.5	Do you provide supplemental aeration if oxygen saturation is below 80%?	<input type="radio"/>	<input type="radio"/>	
5.3	Water Temperature			
5.3.1	Is tank water temperature maintained between 8-16°C (46-60°F).	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5.4	Environmental Enrichment			
5.4.1	Are enrichments provided for salmon from the time of first feed onward?	<input type="radio"/>	<input type="radio"/>	
5.5	Equipment and Hazards Management			
5.5.3	Are tanks disinfected between re-stockings?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

		Yes	No	NA
6 ESCAPES				
<input type="checkbox"/> If you only raise salmon in a RAS facility, check this box and move to Section 7				
6.1	General Requirements			
6.1.1	Does the operation have a written escape prevention plan that includes at least the following criteria: a. what the operation is doing to prevent escapes (e.g. regular net maintenance, alarm systems, etc.), and b. how the operation will address possible escape events (e.g. if a net collapses or if there is a predator attack, how will the operation minimize the damage and recapture fish if possible?).	<input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/>	
6.1.3	Do you record all escape events (whether actual or suspected) and include in your record the following information: a. cause (or suspected cause) of the escape; b. total number of escaped fish (including cleaner fish); and c. date of escape or date of escape event discovery.	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	

		Yes	No	NA
7 FEED				
7.1	Feed Regime			
7.1.1	Are salmon fed daily?	<input type="radio"/>	<input type="radio"/>	

		Yes	No	NA
7.3	Additives or Ingredients in Feed			
7.3.1	Do you feed salmon with feed containing insects?	<input type="radio"/>	<input type="radio"/>	
7.3.2	Do you feed salmon with feed containing salmon or salmon by-products?	<input type="radio"/>	<input type="radio"/>	
7.3.3	Do you keep feed tags or feed ingredient lists?	<input type="radio"/>	<input type="radio"/>	
7.4	Fish In/Fish Out (FIFO) Ratio			
7.4.1	Do you record the average FIFO ratio per year class of salmon?	<input type="radio"/>	<input type="radio"/>	
7.5	Feed Withdrawal Requirements			
7.5.1	Do you ever withdraw feed for longer than 24 hours preceding any treatment, vaccination, crowding, pumping or handling event?	<input type="radio"/>	<input type="radio"/>	

		Yes	No	NA
8 SEA LICE				
<input type="checkbox"/> If you only raise salmon in the freshwater stage or in a RAS facility, check this box and move to Section 10				
8.1	Monitoring			
8.1.1	Is each pen at the site sampled individually for sea lice levels?	<input type="radio"/>	<input type="radio"/>	
	Do sea lice counts occur on a weekly basis?	<input type="radio"/>	<input type="radio"/>	
8.1.2	Are a minimum of 10 salmon per pen or tank sampled for lice counts?	<input type="radio"/>	<input type="radio"/>	
8.1.3	Is a record kept of weekly sea lice monitoring that includes the following information:			
	a. date of sample;	<input type="radio"/>	<input type="radio"/>	
	b. number of sea lice per fish;	<input type="radio"/>	<input type="radio"/>	
	c. if treatment of the pen was necessary; and	<input type="radio"/>	<input type="radio"/>	
	d. type of treatment used.	<input type="radio"/>	<input type="radio"/>	
Sea Lice Prevention				
8.2.1, 8.2.2	Does your operation use ultrasound as a sea lice prevention method?	<input type="radio"/>	<input type="radio"/>	
8.3	Sea Lice Treatment			
8.3.1	Do you use thermal treatments (water above 20°C/68°F), hydrogen peroxide (H ₂ O ₂), scrubbers, or ultraviolet-C light to treat salmon infected with sea lice?	<input type="radio"/>	<input type="radio"/>	

		Yes	No	NA
9 CLEANER FISH WELFARE				
These questions will be covered later in the additional questions for individual Step-levels.				

		Yes	No	NA
10 PREDATOR AND RODENT CONTROL				
10.1	Rodent Control Program			
<input type="checkbox"/> If you do not consider rodents a problem on your operation, check this box and move to Section 10.2				
10.1.2	Does your rodent control program include:			
	a. Methods that only target rodents,	<input type="radio"/>	<input type="radio"/>	
	b. An assessment of different methods of lethal control,	<input type="radio"/>	<input type="radio"/>	
	c. Traps that are species specific, appropriately located, and designed to cause rapid death (if used), and	<input type="radio"/>	<input type="radio"/>	
	d. Licensed rodenticides used only in areas where traps will be ineffective.	<input type="radio"/>	<input type="radio"/>	
10.1.2	Are glue board, drowning, or drowning traps used to control rodents?	<input type="radio"/>	<input type="radio"/>	
10.2	Predator Control Program			
<input type="checkbox"/> If you do not consider predators a problem on your operation, check this box and move to Section 11				
10.2.1	If predators are a problem, is there a control program in place?	<input type="radio"/>	<input type="radio"/>	

		Yes	No	NA
10.2.2, 10.2.3	Is non-lethal exclusion the only level of predator control?	<input type="radio"/>	<input type="radio"/>	
10.2.7	Do you use any of the following predator deterrents: a. snares, b. any trap besides a live trap, c. predator nets below the surface, d. emetics, e. chasing/pursuit, f. warning shots, and/or g. floodlights.	<input type="radio"/>	<input type="radio"/>	

		Yes	No	N A
11 TRANSPORT (i.e., any fish movement off of the operation)				
<input type="checkbox"/> If you do not transport live fish off of your operation check this box and move to Section 12				
11.2	Water Quality During Transport			
11.2.1	Does the transport vessel have a water quality monitoring system that can also: a. Maintain oxygen saturation $\geq 80\%$; b. Maintain water temperatures at 8-16°C (46-60.8°F); and c. Alert the transport operator if water quality does not adhere to a. and b. above.	<input type="radio"/>	<input type="radio"/>	
11.3	Feed Withdrawal at Transport			
11.3.1	Is feed ever withheld for longer than 30-degree days?	<input type="radio"/>	<input type="radio"/>	
11.3.2	If average water temperatures are below 5°C for 3 or more days, is feed withheld for longer than 15 degree days?	<input type="radio"/>	<input type="radio"/>	
11.3.3	Are records of feed withdrawal times kept?	<input type="radio"/>	<input type="radio"/>	
11.5	Transport and Pumping Equipment			
11.5.3	Is transport water disinfected prior to discharge?	<input type="radio"/>	<input type="radio"/>	
11.5.4	Are transport operators able to visually observe fish at least every 2 hours during transport?	<input type="radio"/>	<input type="radio"/>	
11.5.5	Are wellboats or tanks cleaned and disinfected after transporting fish?	<input type="radio"/>	<input type="radio"/>	
11.5.7	Are fish from different facilities or farm sites ever transported together in the same transport unit?	<input type="radio"/>	<input type="radio"/>	
11.7	Air Transport			
11.7.1	Does stocking density on air transport containers exceed 60kg/m ³ ?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
11.7.2	Does transport by air exceed 15 minutes?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
11.8	Overland Transport			
11.8.1	Does stocking density via overland transport exceed 60kg/m ³ ?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
11.8.2	If fish are transported via truck, does transport time ever exceed 15 hours?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
11.9	Wellboat Transport			
11.9.1	Does stocking density via wellboat transport exceed 60kg/m ³ ?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
11.9.2	Do wellboats discharge ballast water within 10 km of an aquaculture site?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
11.9.3	Do wellboats operate with an open-valve system within 10 km of an aquaculture site?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
11.9.4	If fish are transported via wellboat, does transport time ever exceed 24 hours?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
11.12	Transport Records			
11.12.1	Are transport records kept?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

		Yes	No	NA
12 PLANS, PROTOCOLS, PROCEDURES, TRAINING, RECORDS AND TRACEABILITY				
12.1	General Records Requirements			
12.1.1, 12.1.2	Are all records and documents listed in the “Records and Documents” section of this Audit Prep Tool organized and ready for the auditor to review?	<input type="radio"/>	<input type="radio"/>	
12.1.3	Do you keep all records, reports, and G.A.P. certificates for at least 18 months?	<input type="radio"/>	<input type="radio"/>	
12.5	Alternative Power Supply			
12.5.1	If your operation requires power for heating, cooling, water filtration, or feeding systems, do you have: <ul style="list-style-type: none"> a. An alternative power supply b. A way to be notified if there is power failure 	<input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/>	
12.6	Training			
12.6.1	Do you have a training program for all fish caregivers that: <ul style="list-style-type: none"> a. Is written and/or hands-on b. Is presented in employees’ language c. Describes normal and abnormal fish behavior d. Covers individual’s responsibilities e. Covers emergency and biosecurity procedures f. Reviews the Farm and Fish Health Plan g. Is provided before the individual handles fish h. Covers the G.A.P. Farmed Atlantic Salmon Standards i. Is on-going 	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	
12.6.2	Do you keep records of the training given to caregivers?	<input type="radio"/>	<input type="radio"/>	

		Yes	No	NA
13 SLAUGHTER REQUIREMENTS				
13.1	General Requirements			
13.1.1	Does your operation use a G.A.P. Certified slaughter facility to slaughter salmon?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
13.2	Quality Grading Records at Slaughter			
13.2.1	Does your operation receive quality grading records from the slaughter facility?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Additional Step 1 Requirements

Only operations aiming to achieve a Step 1 should fill out this section. If you plan to apply for a different Step-level, you can jump to the Requirements section for the associated Step level.

		Yes	No	NA
2 FISH HEALTH				
2.8	Mortality			
2.8.3	Does the average monthly mortality exceed 1.0% during freshwater production?	<input type="radio"/>	<input type="radio"/>	
2.8.5	Does the average monthly mortality exceed 0.50% during seawater production?	<input type="radio"/>	<input type="radio"/>	

		Yes	No	NA
5 OPEN WATER PENS/TANKS/RACEWAYS				
5.1	Stocking Density			
5.1.2	Does salmon stocking density in seawater exceed 17kg/m ³ (37lbs/ft ³) per pen at any given time?	<input type="radio"/>	<input type="radio"/>	
5.4	Environmental Enrichment			
5.4.2	Are fry and parr provided with at least 1 Type A enrichment (<i>See Appendix VII in the Farmed Atlantic Salmon Welfare Standard</i>) per pen/tank?	<input type="radio"/>	<input type="radio"/>	
5.4.6	Are adult salmon provided with 1 Type A enrichment (<i>See Appendix VII in the Farmed Atlantic Salmon Welfare Standard</i>) per pen/tank?	<input type="radio"/>	<input type="radio"/>	

		Yes	No	NA
7 FEED				
7.4	Fish In/Fish Out (FIFO) Ratio			
7.4.2	Does the average annual FIFO ratio exceed 1.5:1 per year class?	<input type="radio"/>	<input type="radio"/>	

		Yes	No	NA
8 SEA LICE				
<input type="checkbox"/> If you only raise salmon in the freshwater stage or in a RAS facility, check this box and move to Section 10				
8.2	Sea Lice Prevention			
8.2.3	Does your operation use at least 1 acceptable lice prevention method at any given time (<i>see Appendix IX in the Farmed Atlantic Salmon Welfare Standard</i>)?	<input type="radio"/>	<input type="radio"/>	

		Yes	No	NA
9 CLEANER FISH WELFARE				
<input type="checkbox"/> If you only raise salmon in the freshwater stage or in a RAS facility, check this box and move to Section 10				
9.1	Cleaner Fish Management			
9.1.1	Are at least 50% of cleaner fish stocked on farm, farm-raised?	<input type="radio"/>	<input type="radio"/>	
9.1.2	Does the number of cleaner fish stocked exceed 10% of the population of salmon in the sea pen at any one time?	<input type="radio"/>	<input type="radio"/>	
9.1.4	Do you re-stock cleaner fish more than two times per salmon production cycle? (<i>this is two times after initial stocking</i>)	<input type="radio"/>	<input type="radio"/>	
9.1.7	Are records kept of cleaner fish stocking?	<input type="radio"/>	<input type="radio"/>	
9.2	Cleaner Fish Provisions			
9.2.1	Are hides or refuges provided at all times within sea pens for cleaner fish?	<input type="radio"/>	<input type="radio"/>	

		Yes	No	NA
9.3	Cleaner Fish Feed			
9.3.1	Is supplemental feed for cleaner fish provided on a daily basis?	<input type="radio"/>	<input type="radio"/>	
9.4	Cleaner Fish Slaughter			
9.4.1	At the end of the salmon production cycle, are all cleaner fish slaughtered in accordance with G.A.P.'s Farmed Atlantic Salmon Animal Welfare Slaughter Facility Standard v1.0.	<input type="radio"/>	<input type="radio"/>	

		Yes	No	NA
10 PREDATOR AND RODENT CONTROL				
<input type="checkbox"/> If you do not consider predators a problem on your operation, check this box and move to Section 11				
10.2	Predator Control Program			
10.2.4	Do you use auditory acoustic deterrents (ADDs) or auditory harassment devices (AHDs) on-site?	<input type="radio"/>	<input type="radio"/>	
	IF YES: Do they emit a signal for more than 10 hours per 24-hour period?	<input type="radio"/>	<input type="radio"/>	
	Are they active for longer than the equivalent of 90 days during a 12-month period?	<input type="radio"/>	<input type="radio"/>	
	By January 1, 2024 Will the use of ADDs or AHDs cease?	<input type="radio"/>	<input type="radio"/>	

		Yes	No	NA
11 TRANSPORT				
<input type="checkbox"/> If you do not transport live fish off of your operation check this box and move to Records and Documents				
11.6	Transport Duration			
11.6.2	Does the total duration of any transport event exceed 36 hours?	<input type="radio"/>	<input type="radio"/>	

Additional Step 3 Requirements

Only operations aiming to achieve a Step 3 should fill out this section. If you plan to apply for a different Step-level, you can jump to the Requirements section for the associated Step level.

		Yes	No	NA
2 FISH HEALTH				
2.8	Mortality			
2.8.3	Does the average monthly mortality exceed 1.0% during freshwater production?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2.8.5	Does the average monthly mortality exceed 0.50% during seawater production?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

		Yes	No	NA
4 SMOLTIFICATION				
4.3	Smolt Handling			
4.3.1	Are newly transferred smolts pumped, crowded, or graded during their first 90 days at sea?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

		Yes	No	NA
5 OPEN WATER PENS / TANKS / RACEWAYS				
5.1	Stocking Density			
5.1.2	Does salmon stocking density in seawater exceed 17kg/m ³ (37lbs/ft ³) per pen at any given time?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5.3	Water Temperature			
5.3.2	If the operation is situated in waters which experience water temperatures above 18°C for more than 4 consecutive days a year, are the net pens at least 18m deep?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5.4	Environmental Enrichment			
5.4.3	Are fry and parr provided with at least 1 Type A and 1 Type B enrichment (See Appendix VII) per pen/tank?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5.4.7	Are adult salmon provided with 2 types of enrichments (See Appendix VII) per pen/tank?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

		Yes	No	NA
7 FEED				
7.4	Fish In/Fish Out (FIFO) Ratio			
7.4.3	Does the average annual FIFO ratio exceed 1:1 per year class?	<input type="radio"/>	<input type="radio"/>	

		Yes	No	NA
8 SEA LICE				
<input type="checkbox"/> If you only raise salmon in the freshwater stage or in a RAS facility, check this box and move to Section 9				
8.2	Sea Lice Prevention			
8.2.4	Does the operation use at least 2 different acceptable lice prevention methods at any given time (see Appendix IX for further details on acceptable/unacceptable prevention methods)?	<input type="radio"/>	<input type="radio"/>	

		Yes	No	NA
9 CLEANER FISH WELFARE				
<input type="checkbox"/> If you only raise salmon in the freshwater stage or in a RAS facility, check this box and move to Section 9				
9.1	Cleaner Fish Management			
9.1.1	Are at least 50% of cleaner fish stocked on farm, farm-raised?	<input type="radio"/>	<input type="radio"/>	
9.1.2	Does the number of cleaner fish stocked exceed 10% of the population of salmon in the sea pen at any one time?	<input type="radio"/>	<input type="radio"/>	
9.1.5	Do you re-stock cleaner fish more than one time per salmon production cycle? <i>(this is one time after initial stocking)</i>	<input type="radio"/>	<input type="radio"/>	
9.1.7	Are records kept of cleaner fish stocking?	<input type="radio"/>	<input type="radio"/>	
9.2	Cleaner Fish Provisions			
9.2.1	Are hides or refuges provided at all times within sea pens for cleaner fish?	<input type="radio"/>	<input type="radio"/>	
9.3	Cleaner Fish Feed			
9.3.1	Is supplemental feed for cleaner fish provided on a daily basis?	<input type="radio"/>	<input type="radio"/>	
9.4	Cleaner Fish Slaughter			
9.4.1	At the end of the salmon production cycle, are all cleaner fish slaughtered in accordance with G.A.P.'s Farmed Atlantic Salmon Animal Welfare Slaughter Facility Standard v1.0.	<input type="radio"/>	<input type="radio"/>	

		Yes	No	NA
10 PREDATOR AND RODENT CONTROL				
<input type="checkbox"/> If you do not consider predators a problem on your operation, check this box and move to Section 11				
10.2	Predator Control Program			
10.2.5	Does your operation use auditory acoustic deterrents (ADDs) or auditory harassment devices (AHDs)?	<input type="radio"/>	<input type="radio"/>	

		Yes	No	NA
11 TRANSPORT				
<input type="checkbox"/> If you do not transport live fish off of your operation check this box and move to Records and Documents				
11.6	Transport Duration			
11.6.3	Does the total duration of any transport event exceed 24 hours?	<input type="radio"/>	<input type="radio"/>	

Additional Step 5+ Requirements

Only operations aiming to achieve a Step 5+ should fill out this section. If you plan to apply for a different Step-level, you can jump to the Requirements section for the associated Step level.

		Yes	No	NA
2 FISH HEALTH				
2.8	Mortality			
2.8.4	Does the average monthly mortality exceed 0.70% during freshwater production?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2.8.6	Does the average monthly mortality exceed 0.30% during seawater production?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

		Yes	No	NA
3 FISH CARE AND MANAGEMENT				
3.3	Physical Alterations			
3.3.4	Does your operation use Passive Integrated Transponders (PIT) tags on salmon?	<input type="radio"/>	<input type="radio"/>	
3.6	Grading			
3.6.4	Does your operation use only passive grading systems to grade salmon between 3-50g?	<input type="radio"/>	<input type="radio"/>	
3.7	Fin, Skin and Body Condition			
3.7.3	Are fin, skin and body condition monitoring and scoring carried out without needing to handle fish or remove them from water?	<input type="radio"/>	<input type="radio"/>	

		Yes	No	NA
4 SMOLTIFICATION				
4.3	Smolt Handling			
4.3.1	Are newly transferred smolts pumped, crowded, or graded during their first 90 days at sea?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

		Yes	No	NA
5 OPEN WATER PENS / TANKS / RACEWAYS				
5.1	Stocking Density			
5.1.3	Does salmon stocking density in seawater exceed 10kg/m ³ (33lbs/ft ³) per pen or tank at any given time?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5.3.2	If the operation is situated in waters which experience water temperatures above 18°C for more than 4 consecutive days a year, are the net pens at least 18m deep?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5.4	Environmental Enrichment			
5.4.4	Are fry and parr provided with at least 2 Type A and 1 Type B enrichments (See Appendix VII) per pen/tank?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5.4.7	Are adult salmon provided with 2 types of enrichments (See Appendix VII) per pen/tank?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

		Yes	No	NA
7 FEED				
7.4	Fish In/Fish Out (FIFO) Ratio			
7.4.3	Does the average annual FIFO ratio exceed 1:1 per year class?	<input type="radio"/>	<input type="radio"/>	

		Yes	No	NA
8 Sea Lice				
<input type="checkbox"/> If you only raise salmon in the freshwater stage or in a RAS facility, check this box and move to Section 10				
8.1	Monitoring			
8.1.4	Does your operation conduct sea lice counts without removing salmon from water?	<input type="radio"/>	<input type="radio"/>	
8.2	Sea Lice Prevention			
8.2.4	Does the operation use at least 2 different acceptable lice prevention methods at any given time (see Appendix IX for further details on acceptable/unacceptable prevention methods)?	<input type="radio"/>	<input type="radio"/>	

		Yes	No	NA
9 CLEANER FISH WELFARE				
<input type="checkbox"/> If you only raise salmon in the freshwater stage or in a RAS facility, check this box and move to Section 10				
	Does your operation use cleaner fish?	<input type="radio"/>	<input type="radio"/>	

		Yes	No	NA
10 PREDATOR AND RODENT CONTROL				
<input type="checkbox"/> If you do not consider predators a problem on your operation, check this box and move to Section 11				
10.2	Predator Control Program			
10.2.5	Does your operation use auditory acoustic deterrents (ADDs) or auditory harassment devices (AHDs)?	<input type="radio"/>	<input type="radio"/>	

		Yes	No	NA
11 TRANSPORT				
<input type="checkbox"/> If you do not transport live fish off of your operation check this box and move to Records and Documents				
11.6	Transport Duration			
11.6.3	Does the total duration of any transport event exceed 24 hours?	<input type="radio"/>	<input type="radio"/>	

		Yes	No	NA
13 Slaughter Requirements				
13.1	General Requirements			
13.1.2	Are salmon slaughtered on-site (beside the sea pen or at the RAS facility)?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Records and Documents

All operations, no matter which Step level you are applying for, should complete this section.

Records and documents should be written and organized. Acceptable formats include, but are not limited to, record sheets and cards, calendars, notebooks, and computer documents. If you do not have any records or documents listed here, please check the Farmed Atlantic Salmon area of the G.A.P. website for templates to get you started.

Std #	Document needed for auditor to review	Yes	No	NA
1.1.1	Do you keep records showing the source of salmon eggs?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2.1.1	Does the operation maintain a Veterinarian-Client-Patient Relationship (VCPR) letter?	<input type="radio"/>	<input type="radio"/>	
2.2.2	Do you keep treatment (medication, vaccinations, alternative remedies, probiotics etc.) records?	<input type="radio"/>	<input type="radio"/>	
	If Yes Do your records include: <ul style="list-style-type: none"> a. year class/stock identification b. any substance administered and its batch number c. date and method of administration d. name of administrator e. withdrawal period 	<input type="radio"/>	<input type="radio"/>	
2.2.4	Do you keep records of disease outbreaks?	<input type="radio"/>	<input type="radio"/>	
	If Yes Do your records include: <ul style="list-style-type: none"> a. Date of outbreak b. Percentage of infected salmon per pen or tank c. Actions taken to address the outbreak d. Outcomes of the actions taken to address the outbreak 	<input type="radio"/>	<input type="radio"/>	
2.3.4	Do you keep a record of any salmon given antibiotics, organophosphates, or growth hormones?	<input type="radio"/>	<input type="radio"/>	
2.4.4	Do you keep a record of Vaccination Adhesion scores sent from the slaughter facility?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2.7.7	Do you keep records of salmon that are culled?	<input type="radio"/>	<input type="radio"/>	
	If Yes Do your records include: <ul style="list-style-type: none"> a. Total number of fish culled b. Reason for culling 	<input type="radio"/>	<input type="radio"/>	
	Do you note the reason for culling?	<input type="radio"/>	<input type="radio"/>	
2.8.1	Do you keep daily mortality records?	<input type="radio"/>	<input type="radio"/>	
	If Yes Do you record mortality separately for: <ul style="list-style-type: none"> c. Each pen or tank during freshwater production d. Each pen or tank during seawater production 	<input type="radio"/>	<input type="radio"/>	
	Do you note the cause of death if known?	<input type="radio"/>	<input type="radio"/>	
3.1.1	Do you keep daily salmon monitoring records?	<input type="radio"/>	<input type="radio"/>	
3.4.4	Do you keep crowding records?	<input type="radio"/>	<input type="radio"/>	
	If Yes Do your records include: <ul style="list-style-type: none"> a. Date b. Crowd start and end times c. Crowding score (see Appendix V) for each crowd d. Oxygen saturation levels e. Reasons for any delays or stops 	<input type="radio"/>	<input type="radio"/>	

Std #	Document needed for auditor to review	Yes	No	NA
3.7.8	Do you keep fin, skin and body condition records?	<input type="radio"/>	<input type="radio"/>	
	If Yes Do your records include scores for: a. Skin condition (including wounds and ulcers) b. Fin condition (dorsal, pectoral and caudal fins) c. Body condition (emaciation state)	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	
5.2.1	Do you assess and record water quality daily in open water pens?	<input type="radio"/>	<input type="radio"/>	
	If Yes Do you monitor the following: a. temperature b. oxygen saturation (%) c. CO ₂	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	
5.2.2	Do you assess and record water quality daily in tanks?	<input type="radio"/>	<input type="radio"/>	
	If Yes Do you monitor the following: a. temperature b. oxygen saturation (%) c. CO ₂ d. pH	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	
5.6.2	Do you record any instances of net collapse or net deformation?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	If Yes Do those records include: a. Date of net collapse or deformation b. Reason for net collapse or deformation (if known) c. Action taken	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	
6.1.1	Do you have a written escape prevention plan?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	If Yes Does the plan include: a. what the operation is doing to prevent escapes (e.g. regular net maintenance, alarm systems, etc.) b. how the operation will address possible escape events (e.g. if a net collapses or if there is a predator attack, how will the operation minimize the damage and recapture fish if possible?)	<input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/>	
6.1.3	Do you record all escape events (whether actual or suspected)?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	If Yes Do your records include: a. cause (or suspected cause) of the escape; b. total number of escaped fish (including cleaner fish); and, c. date of escape or date of escape event discovery.	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	
7.3.3	Do you keep copies of all feed tags/ingredient lists, including functional feeds or feeds which contain parasiticides?	<input type="radio"/>	<input type="radio"/>	
7.4.1	Do you record the average annual fish in/fish out (FIFO) ratio for each year class?	<input type="radio"/>	<input type="radio"/>	
8.1.3	Do you keep records of sea lice counts and levels?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	If Yes Do your records include: a. Date that sea lice count took place b. The number of sea lice per fish (adult females only) c. If treatment was necessary as a result of sea lice count d. Type of treatment used	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	

Std #	Document needed for auditor to review	Yes	No	NA
9.1.7	For Step 1 and 3 only: Do you keep records of cleaner fish restocking?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	If Yes Do those records include: a. Source of cleaner fish stock b. date of stocking or restocking c. date of cleaner fish health screening d. Number of cleaner fish being stocked e. Species of cleaner fish being stocked	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
11.3.3	Do you keep a record of feed withdrawal times?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	If Yes Is that record kept in degree days? Does that record include: a. Date feed withdrawal began and ended b. Maximum and minimum water temperature values for each day feed was withheld	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
11.10.1	Do the drivers who transport your fish have a document that covers their responsibilities during transport?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
11.12.1	If you ship salmon off-farm, do you keep transport records?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	If Yes Do your records include: a. Date b. Number of fish transported c. pumping start and end times for each vehicle, helicopter, or boat transporting salmon to another operation and/or slaughter facility d. departure and arrival times for each vehicle, helicopter, or boat transporting salmon to another operation and/or slaughter facility e. Reasons for stops or delays en route f. Mortalities during transport	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
12.2.1	Do you have a written salmon farm plan?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	If Yes Does your plan include: a. an overview of the operation, including size, type/stage of production, location, applicable leases, titles, Area Management Agreements, and typical climatic conditions b. emergency procedures, including those for natural disasters, escapes, fire, water shut off, net collapse, and, if applicable, power failure c. operational practices and policies for farmed salmon production d. provision for daily feeding including feeding regime e. health programs (e.g. supplementation, vaccination and other preventative maintenance and/or health-promoting practices) f. a written sea lice prevention plan g. care of sick and/or injured salmon, including on-farm euthanasia policies h. management of open-water site (if applicable) i. predator control practices j. environmental management (e.g. escape records, incidences of algal blooms, benthic testing, effluent monitoring, etc.) k. vet recommendations of appropriate current speed and (if applicable) wave action in all tanks/pens regardless of production level l. a written escape prevention plan	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Std #	Document needed for auditor to review	Yes	No	NA
12.3.1	Do you have a biosecurity plan?	<input type="radio"/>	<input type="radio"/>	
	Does your plan include:			
	a. procedures for bringing any fish onto the site (including cleaner fish if applicable)	<input type="radio"/>	<input type="radio"/>	
	b. Procedures and policies for employees	<input type="radio"/>	<input type="radio"/>	
	c. Procedures and policies for visitors	<input type="radio"/>	<input type="radio"/>	
	d. Procedures for feed trucks and equipment delivery	<input type="radio"/>	<input type="radio"/>	
	e. escape mitigation and recapture procedure and policy	<input type="radio"/>	<input type="radio"/>	
12.4.1	f. minimizing risk of bringing infectious agents into tanks/pens	<input type="radio"/>	<input type="radio"/>	
	Do you have a written environmental sustainability plan that addresses one or more of the following?			
	a. Effluent and waste reduction;	<input type="radio"/>	<input type="radio"/>	
	b. Reduction of single-use plastics;			
	c. Increased use of renewable energy sources (e.g. solar, wind);			
12.6.2	d. Increased use of feeds that source fish meal and fish oil from certified sustainable fisheries;			
	e. Increased use of feeds that source soy from certified non-deforested regions.			
	Do you keep a record of the initial employee training?	<input type="radio"/>	<input type="radio"/>	
	Do you keep a record of any subsequent employee training/retraining?	<input type="radio"/>	<input type="radio"/>	
	If Yes	Do your training records include:		
12.7.1, 12.7.3	a. Date of training	<input type="radio"/>	<input type="radio"/>	
	b. Topics covered	<input type="radio"/>	<input type="radio"/>	
	Do you keep a chain of custody record for each shipment of salmon?	<input type="radio"/>	<input type="radio"/>	
	If Yes	Do your records include:		
	a. Date of transport	<input type="radio"/>	<input type="radio"/>	
	b. Age of salmon (months)	<input type="radio"/>	<input type="radio"/>	
	c. Step-level	<input type="radio"/>	<input type="radio"/>	
12.7.2	d. Certificate number	<input type="radio"/>	<input type="radio"/>	
	e. Certificate expiry date	<input type="radio"/>	<input type="radio"/>	
13.2.1	f. Next destination (i.e. operation, slaughter facility)	<input type="radio"/>	<input type="radio"/>	
	g. Any deviations granted	<input type="radio"/>	<input type="radio"/>	
12.7.2	If you buy salmon, do you keep a copy of the previous operation's G.A.P. certificate?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
13.2.1	Do you keep a record of quality grading from the slaughter or processing facility?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>