

AQUACULTURE LICENCE

LICENCE NUMBER: AQ15-LIC-0886

NAME: Northern Harvest Sea Farms Newfoundland Ltd.

ADDRESS: 183 Main Street, P.O. Box 190, St. Alban's NL A0H2E0

Is duly authorized to culture the species of marine plants and/or animals stated herein.

LICENCE	SPECIES
Commercial	Atlantic Salmon
Commercial	Atlantic Cod
Commercial	Lumpfish
Commercial	Cunners

This licence is issued in accordance with the Aquaculture Act, Chapter A-13 of The Revised Statutes of Newfoundland and Labrador, 1990, and the regulations made thereunder, as well as departmental policy documents. It is subject to the following terms and conditions.

- That an annual fee of \$2,900.00 to be paid each year;
- That culture of the above listed species be confined to:

McGrath Cove North, Belle Bay

Latitude: 47.6639°

Longitude: 55.3794°

Hectares: 20

(General description of site location)

and as specified by Water Use Approval document No. MAWUL-19-10407 as issued by Department of Municipal Affairs and Environment.

and as specified by NPP Approval No. BWA 8200-08-1066 as issued by Transport Canada.

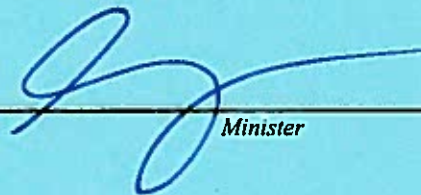
and as specified by Lease No. C-118703 as issued by Department of Fisheries and Land Resources.

- That aquaculture shall be conducted with due diligence, in a reasonable manner and in accordance with good husbandry practices, and;
- Any other terms and conditions attached.

This licence expires 03/31/2025

APR 01 2020

Issued Date



Minister

AQUACULTURE LICENCE

LICENCE NUMBER: AQ15-LIC-0886

Licence Conditions:

1. Licensees must comply with all directives, policies and/or management strategies issued by the Department of Fisheries and Land Resources.
2. Prior to October 2020, licensees must implement mitigation measures to prevent mortality events. Mitigation measures must be approved by Fisheries and Land Resources and include, but are not limited to, installation of nets that are a minimum of 20m, aeration devices and optimal farmed fish stocking density. Stocking of sites must not commence until departmental approval is granted. Licensees requesting a variance of less than 20m net depth must submit supporting evidence of geophysical and biophysical site characteristics and proof of alternate mitigation measures to Fisheries and Land Resources for review and approval.
3. For any abnormal mortality events, licensees must provide written updates to the Chief Aquaculture Veterinarian and the Director of Aquaculture Development every 10 days following the initial report. When the incident event and removal operations are complete the final numbers of fish removed are to be reported in writing to the CAV and the Director of Aquaculture Development, and any other information deemed by the department to be reportable.
4. Licensees must update the department within 30 days of any production changes due to a depopulation, mass mortality or other incident event.
5. Licensees are required to submit quarterly biophysical data to both the Aquaculture Development and the Aquatic Animal Health Divisions of the Department of Fisheries and Land Resources. Biophysical data submitted must include daily records for all active aquaculture marine sites which includes dissolved oxygen, temperature and salinity at different depths.
6. Licensees are required to publicly report suspected escapes within 24 hours of the detection on their corporate or industry association website.
7. Licensees are required to publicly report the detection of federally Reportable Diseases within 24 hours of the detection on their corporate or industry association website.
8. As of January 1, 2021, licensees are required to report sea lice abundance numbers to the department on a monthly basis and post sea lice abundance numbers publicly on a monthly basis on the industry association or corporate website. Further details as to sea lice reporting parameters will be determined through stakeholder engagement, prior to this date.
9. The Department of Fisheries and Land Resources retains the right to disclose any or all information collected from licensees.
10. Licensees must provide proof of an Incident Management System. This Incident Management System must be effective, and include processes for internal reporting and analysis of hazards, incident events and for taking corrective actions to prevent their reoccurrence. The system must be reviewed and approved by applicable agencies with jurisdictional authority and the department.
11. Licensees must report to the Assistant Deputy Minister, Fisheries and Aquaculture immediately through verbal notification and in writing, no later than 24 hours, all events that cause abnormal mortality, harm or an imminent threat to farmed finfish, marine installations or structures or vessels including any event that impairs the function of any equipment required to sustain aquatic fish health and prevention of escape, and any other event deemed to be reportable by the department.

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12. Licensees must report any abnormal mortality events within 24 hours of the event occurring to the Aquatic Animal Health Division and the Aquaculture Development Division of the Department of Fisheries and Land Resources. The operator is required to submit to the Chief Aquaculture Veterinarian (CAV) and the Director of Aquaculture Development, Standard Operating Procedures (SOPs) for abnormal mortality removal for departmental review and approval, and must demonstrate that other agencies with jurisdictional responsibilities have approved the SOPs.
13. Licensees must publicly report within 24 hours through public communication acceptable to the department, and their corporate or industry association website, all events that cause abnormal mortality, harm or an imminent threat to farmed finfish, marine installations or structures or vessels including any event that impairs the function of any equipment required to sustain aquatic fish health and prevention of escape, and any other event deemed to be reportable by the department.
14. Licensees may allow access to their sites to licensed commercial lobster fishers with the exception of when a site is quarantined. An access agreement is to be established with fishers involved with the traditional lobster fishery.
15. Licensees are required to ensure that all feed bags are secured to prevent loss at sea immediately after being emptied of feed as per departmental policy on feed bag handling.
16. Licensees must ensure any transfer of fish into Newfoundland and Labrador via well boat, vessel or vehicle adhere to biosecurity policies contained within the Aquaculture Policy and Procedures Manual.
17. Licensees must ensure any transfer of equipment into Newfoundland and Labrador adhere to biosecurity policies contained within the Aquaculture Policy and Procedures Manual.
18. Licensee must complete and maintain records for below surface cage inspections every 30 days.
19. Licensees must provide to Fisheries and Land Resources, an Emergency Recapture Licence issued by Fisheries and Oceans Canada, prior to the recapture of cultured fish.
20. Licensees must ensure that all required plans are approved by the department. These plans include, but are not limited to: Environmental and Waste Management Plan; Integrated Pest Management Plan; Biosecurity Plan; and Fish Health Management Plan.
21. Licensees must report all escape events, quarantine or depopulation orders or directives issued by the Provincial Government to the public on their corporate or industry association website within 24 hours of escape confirmation or the quarantine or depopulation orders or directive being given. Licensees are required to maintain record of escape events.
22. Licensees must ensure that a security bond is established and in accordance with departmental requirements.
23. Licensees must abide by the requirements of the Bay Management Area Agreement.
24. Licensees must abide by the requirements of The Code of Containment for the Culture of Salmonids in Newfoundland and Labrador.
25. Licensees must ensure product harvested from sites is processed in a facility licensed in accordance with the requirements of the Fish Inspection Act (RSNL 1990 Chapter F-12) and regulations.

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26. Licensees must ensure finfish aquaculture cage and bird stands are marked in accordance with appropriate coding NHSF. The code markings must be legible, with white letters on a black background, with each letter being a minimum 15 cm in height and 7.5 cm in width. Cage and bird stand markings must be located vertically on the outside of 4 stanchions that are equidistant apart.
27. Licensees must mark finfish aquaculture cage and bird stands with a 10 cm by 60 cm band of yellow retroreflective tape in 4 locations on the outside of the top rail, equidistant apart.
28. Licensees must complete an annual report as per the Federal Aquaculture Activities Regulations, Section 16 (detailed on the Aquaculture Activities Regulations Guidance Document, Annex 1: AAR Reporting Template).
29. Licensees must ensure that all fish transferred from hatcheries to aquaculture sites/facilities are vaccinated against known fish pathogens.
30. Licensees must complete and return annual statistics to the Aquaculture Licensing Administrator before the Licence will be considered for renewal.
31. Licensees must provide all required annual reports, statistics, and any other reports required by the department within the timelines directed by the department in order for the licence to be considered for annual validation and renewal.

AQUACULTURE LICENCE

LICENCE NUMBER: AQ20-LIC-1142

NAME: Grieg Marine NL Ltd.

ADDRESS: 205 McGettigan Blvd., P.O. Box 457, Marystown NL A0E 2M0

Is duly authorized to culture the species of marine plants and/or animals stated herein.

LICENCE	SPECIES
Commercial	Atlantic Salmon

This licence is issued in accordance with the Aquaculture Act, Chapter A-13 of The Revised Statutes of Newfoundland and Labrador, 1990, and the regulations made thereunder, as well as departmental policy documents. It is subject to the following terms and conditions.

- That an annual fee of \$47,440.23 to be paid each year;
- That culture of the above listed species be confined to:

Valen Island

Latitude: 47.5242°

Longitude: -54.3901°

Hectares: 327.174

(General description of site location)

and as specified by Water Use Approval document No. MAWUL-22-12303 as issued by Department of Environment and Climate Change.

and as specified by NPP Approval No. 2020-201909 as issued by Transport Canada.

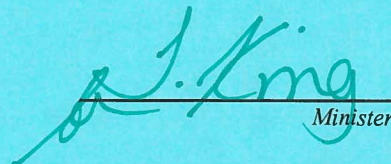
and as specified by Lease No. 156632 as issued by Department of Fisheries, Forestry and Agriculture.

- That aquaculture shall be conducted with due diligence, in a reasonable manner and in accordance with good husbandry practices, and;
- Any other terms and conditions attached.

This licence expires 03/31/2026

APR 19 2022

Issued Date



Minister

AQUACULTURE LICENCE

LICENCE NUMBER: AQ20-LIC-1142

Licence Conditions:

1. Licensees must comply with all directives, policies and/or management strategies issued by the Department of Fisheries, Forestry and Agriculture.
2. Licensees must abide by the requirements of the Bay Management Area Agreement.
3. Licensees must abide by the requirements of The Code of Containment for the Culture of Salmonids in Newfoundland and Labrador.
4. Licensees are required to have a Licensed Designated Veterinarian and follow the Aquatic Animal Health Surveillance Plans as outlined in the Aquaculture Policy and Procedures Manual.
5. Licensees must provide to Fisheries, Forestry and Agriculture, an Emergency Recapture Licence issued by Fisheries and Oceans Canada, prior to the recapture of cultured fish.
6. Licensees must implement mitigation measures to prevent mortality events. Mitigation measures must be approved by Fisheries, Forestry and Agriculture and include, but are not limited to, installation of nets that are a minimum of 20m, aeration devices and optimal farmed fish stocking density. Stocking of sites must not commence until departmental approval is granted. Licensees requesting a variance of less than 20m net depth must submit supporting evidence of geophysical and biophysical site characteristics and proof of alternate mitigation measures to Fisheries, Forestry and Agriculture for review and approval.
7. Licensees must report to the Assistant Deputy Minister, Fisheries and Aquaculture, immediately through verbal notification and in writing, no later than 24 hours, all events that cause abnormal mortality, harm or an imminent threat to farmed finfish, hatchery equipment, installations or structures including any event that impairs the function of any equipment required to sustain aquatic fish health and any other event deemed to be reportable by the department.
8. Licensees must report any abnormal mortality events, including the number of fish mortalities, within 24 hours of the event occurring to the Aquatic Animal Health Division and the Aquaculture Development Division of the Department of Fisheries, Forestry and Agriculture. The operator is required to submit to the Chief Aquaculture Veterinarian (CAV) and the Director of Aquaculture Development, Standard Operating Procedures (SOPs) for abnormal mortality removal for departmental review and approval. It is the licensees responsibility to seek approval of SOPs from other agencies with jurisdictional responsibilities. Public reporting is not dependent upon SOP approval.
9. For any abnormal mortality events, licensees must provide written updates to the Chief Aquaculture Veterinarian and the Director of Aquaculture Development every 10 days following the initial report. When the abnormal mortality event and removal operations are complete the final numbers of fish removed are to be reported in writing to the CAV and the Director of Aquaculture Development, and any other information deemed by the department to be reportable.
10. Licensees must update the department within 30 days of any production changes due to a depopulation, mass mortality or other incident event.
11. Licensees are required to publicly report suspected escapes within 24 hours of the detection on their corporate or industry association website.
12. Licensees are required to publicly report confirmed federally Reportable Diseases within 24 hours of the confirmation on their corporate or industry association website.

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LICENCE NUMBER: AQ20-LIC-1142

13. Licensees must follow the Aquaculture Operator Incident Reporting Guidelines as prescribed by the department.
14. Licensees must report all escape events, quarantine or depopulation orders or directives issued by the Provincial Government to the public on their corporate or industry association website within 24 hours of escape confirmation or the quarantine or depopulation orders or directive being given. Licensees are required to maintain record of escape events.
15. Licensees are required to submit sea lice abundance numbers to the Aquatic Animal Health Division using an agreed upon third party database on a monthly basis starting at spring of each year and report sea lice abundance numbers publicly on a monthly basis on the industry association or corporate website.
16. Licensees must abide by the Incident Management System plan approved and on file with the department. This Incident Management System plan must be effective, and include processes for internal reporting and analysis of hazards, incident events and for taking corrective actions to prevent their reoccurrence. Any changes to the system must be reviewed and approved by applicable agencies with jurisdictional authority and the department.
17. Licensees must abide by all required plans that are approved and on file with the department. These plans include, but are not limited to: Environmental and Waste Management Plan; Fish Disposal Plan, and Fish Health Management Plan (includes Biosecurity Plan and Integrated Pest Management Plan).
18. Licensees must complete an annual report as per the Federal Aquaculture Activities Regulations, Section 16 (detailed on the Aquaculture Activities Regulations Guidance Document, Annex 1: AAR Reporting Template).
19. Licensees must ensure any transfer of fish into Newfoundland and Labrador via well boat, vessel or vehicle adhere to biosecurity policies contained within the Aquaculture Policy and Procedures Manual.
20. Licensees must ensure any transfer of equipment into Newfoundland and Labrador adhere to biosecurity policies contained within the Aquaculture Policy and Procedures Manual.
21. Licensees must ensure that all fish transferred from hatcheries to aquaculture sites/facilities are vaccinated against known fish pathogens of concern.
22. Licensees must ensure that all feed bags are secured to prevent loss at sea immediately after being emptied of feed as per departmental policy on feed bag handling.
23. Licensees must ensure that a security bond is established and in accordance with departmental requirements.
24. Licensees may allow access to their sites to licensed commercial lobster fishers with the exception of when a site is quarantined. An access agreement is to be established with fishers involved with the traditional lobster fishery.
25. Licensees must ensure product harvested from sites is processed in a facility licensed in accordance with the requirements of the Fish Inspection Act (RSNL 1990 Chapter F-12) and regulations.

AQUACULTURE LICENCE

LICENCE NUMBER: AQ20-LIC-1142

26. Licensees must ensure finfish aquaculture cage and bird stands are marked in accordance with appropriate coding GSF. The code markings must be legible, with white letters on a black background, with each letter being a minimum 15 cm in height and 7.5 cm in width. Cage and bird stand markings must be located vertically on the outside of 4 stanchions that are equidistant apart.
27. Licensees must mark finfish aquaculture cage and bird stands with a 10 cm by 60 cm band of yellow retroreflective tape in 4 locations on the outside of the top rail, equidistant apart.
28. Licensees are required to submit quarterly biophysical data to both the Aquaculture Development and the Aquatic Animal Health Divisions of the Department of Fisheries, Forestry and Agriculture. Biophysical data submitted must include daily records for all active aquaculture marine sites which includes dissolved oxygen, temperature and salinity at different depths.
29. Licensee must complete and maintain records for below surface cage inspections every 30 days.
30. Licensees shall comply with all environmental release terms and conditions as advised by the Minister of Environment and Climate Change and approved by the Lieutenant Governor in Council under the Environmental Protection Act in Reg. 1834.
31. Licensees must complete and return annual statistics to the Aquaculture Licensing Administrator before the Licence will be considered for renewal.
32. Licensees must provide all required annual reports, statistics, and any other reports required by the department within the timelines directed by the department in order for the licence to be considered for annual validation and renewal.
33. The Department of Fisheries, Forestry and Agriculture retains the right to disclose any or all information collected from licensees.

AQUACULTURE LICENCE

LICENCE NUMBER: AQ15-LIC-1054

NAME: Cold Ocean Salmon Inc.

ADDRESS: 1 Boys Road, P.O. Box 59, Hermitage NL A0H1S0

Is duly authorized to culture the species of marine plants and/or animals stated herein.

LICENCE	SPECIES
Commercial	Steelhead

This licence is issued in accordance with the Aquaculture Act, Chapter A-13 of The Revised Statutes of Newfoundland and Labrador, 1990, and the regulations made thereunder, as well as departmental policy documents. It is subject to the following terms and conditions.

- That an annual fee of **\$3,120.55** to be paid each year;
- That culture of the above listed species be confined to:

Northwest Cove, Bay d'Espoir

Latitude: 47.7659° Longitude: 55.9585° Hectares: 21.521

(General description of site location)

and as specified by Water Use Approval document No. WUL-08-084 as issued by Department of Municipal Affairs and Environment.

and as specified by NPP Approval No. BWA 8200-08-1224 as issued by Transport Canada.

and as specified by Lease No. 132673 as issued by Department of Fisheries and Land Resources.

- That aquaculture shall be conducted with due diligence, in a reasonable manner and in accordance with good husbandry practices, and;
- Any other terms and conditions attached.

This licence expires 03/31/2025

APR 09 2019

Issued Date



Minister

AQUACULTURE LICENCE

LICENCE NUMBER: AQ15-LIC-1054

Licence Conditions:

1. The licensee must adhere to the Department of Fisheries and Land Resources Code of Containment and any other Management Plans in effect for the area or species noted.
2. All fish transferred from hatcheries to this site must be vaccinated against known fish pathogens and in a manner approved by the AAHD.
3. Product harvested from this site must be processed in a facility licensed in accordance with the requirements of the Fish Inspection Act (RSNL 1990 Chapter F-12) and Regulations.
4. The licensee is required to complete an annual report as per the Federal Aquaculture Activity Regulations, Section 16 (detailed on the Aquaculture Activity Regulations Guidance Document, Annex 1: AAR Reporting Template).
5. The licensee must provide access to lobster fishers who have traditionally fished on this site.
6. Mortality and morbidity events greater than 0.05% per day for three consecutive days or greater than 4000 kg or 2% of the inventory over a 24 hour period or greater than 10,000 kg or 5% of the inventory over a 5 day period are to be immediately reported to the AAHD.
7. Any transfer of fish into Newfoundland and Labrador via well boat or truck will require the licensee to follow all biosecurity protocols established by the AAHD. The licensee must allow on-site auditing of the well boat or truck for protocol adherence by AAHD staff. Well boat transfers must have a well-defined course of navigation to minimize interactions with adjacent aquaculture operations. The navigation course may be subject to review by the AAHD.
8. The licensee is required to advise the AAHD of any used equipment or material being brought into the province for use on the farm site. The licensee is required to clean and disinfect this equipment according to disinfection protocols as outlined and specified by the AAHD.
9. Each finfish aquaculture cage and bird stand must be marked with the following three letter code CAI. The code markings must be legible, with white letters on a black background, with each letter being a minimum 15 cm in height and 7.5 cm in width. Cage and bird stand markings must be located vertically on the outside of 4 stanchions that are equidistant apart.
10. Each finfish aquaculture cage and bird stand must be marked with a 10 cm by 60 cm band of yellow retro-reflective tape in 4 locations on the outside of the top rail, equidistant apart.
11. Annual statistics are to be completed and returned to the Aquaculture Licensing Administrator before this license will be considered for renewal.

AQUACULTURE LICENCE

LICENCE NUMBER: AQ15-LIC-0842

NAME: Cold Ocean Salmon Inc.
 ADDRESS: 1 Boys Road, P.O. Box 59, Hermitage NL A0H1S0

Is duly authorized to culture the species of marine plants and/or animals stated herein.

LICENCE	SPECIES
Commercial	Steelhead
Commercial	Atlantic Salmon
Research	Lumpfish
Research	Cunners

This licence is issued in accordance with the Aquaculture Act, Chapter A-13 of The Revised Statutes of Newfoundland and Labrador, 1990, and the regulations made thereunder, as well as departmental policy documents. It is subject to the following terms and conditions.

- That an annual fee of **\$5,939.78** to be paid each year;
- That culture of the above listed species be confined to:

Manuel Arm, Bay d'Espoir

Latitude: 47.6779° Longitude: 56.1781° Hectares: 40.964

(General description of site location)

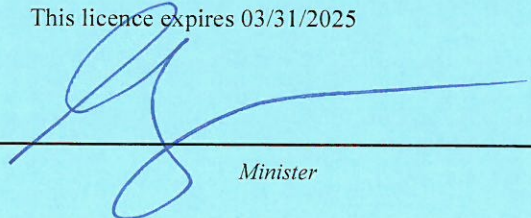
and as specified by Water Use Approval document No. MAWUL/P-18-9892 as issued by Department of Municipal Affairs and Environment.
 and as specified by NPP Approval No. 8200-2008-70002 (8200-01-1047) as issued by Transport Canada.
 and as specified by Lease No. 137506 as issued by Department of Fisheries and Land Resources.

- That aquaculture shall be conducted with due diligence, in a reasonable manner and in accordance with good husbandry practices, and;
- Any other terms and conditions attached.

This licence expires 03/31/2025

MAR 06 2019

Issued Date



Minister

AQUACULTURE LICENCE

LICENCE NUMBER: AQ15-LIC-0842

Licence Conditions:

1. The licensee shall comply with all directives, policies and/or management strategies issued by the Department of Fisheries and Land Resources.
2. All fish transferred from hatcheries to this site must be vaccinated against known fish pathogens and in a manner approved by the AAHD.
3. Product harvested from this site must be processed in a facility licensed in accordance with the requirements of the Fish Inspection Act (RSNL 1990 Chapter F-12) and Regulations.
4. The licensee is required to complete an annual report as per the Federal Aquaculture Activity Regulations, Section 16 (detailed on the Aquaculture Activity Regulations Guidance Document, Annex 1: AAR Reporting Template).
5. The licensee must provide access to lobster fishers who have traditionally fished on this site.
6. Mortality and morbidity events greater than 0.05% per day for three consecutive days or greater than 4000 kg or 2% of the inventory over a 24 hour period or greater than 10,000 kg or 5% of the inventory over a 5 day period are to be immediately reported to the AAHD.
7. Any transfer of fish into Newfoundland and Labrador via well boat or truck will require the licensee to follow all biosecurity protocols established by the AAHD. The licensee must allow on-site auditing of the well boat or truck for protocol adherence by AAHD staff. Well boat transfers must have a well-defined course of navigation to minimize interactions with adjacent aquaculture operations. The navigation course may be subject to review by the AAHD.
8. The licensee is required to advise the AAHD of any used equipment or material being brought into the province for use on the farm site. The licensee is required to clean and disinfect this equipment according to disinfection protocols as outlined and specified by the AAHD.
9. The licensee must abide by the requirements of the Bay Management Areas Agreement for the South Coast of NL.
10. Each finfish aquaculture cage and bird stand must be marked with the following three letter code CAI. The code markings must be legible, with white letters on a black background, with each letter being a minimum 15 cm in height and 7.5 cm in width. Cage and bird stand markings must be located vertically on the outside of 4 stanchions that are equidistant apart.
11. Each finfish aquaculture cage and bird stand must be marked with a 10 cm by 60 cm band of yellow retro-reflective tape in 4 locations on the outside of the top rail, equidistant apart.
12. Annual statistics are to be completed and returned to the Aquaculture Licensing Administrator before this licence will be considered for renewal.

AQUACULTURE LICENCE

LICENCE NUMBER: AQ15-LIC-0939

NAME: Cold Ocean Salmon Inc.

ADDRESS: 1 Boys Road, P.O. Box 59, Hermitage NL A0H1S0

Is duly authorized to culture the species of marine plants and/or animals stated herein.

LICENCE	SPECIES
Commercial	Atlantic Salmon
Commercial	Lumpfish
Commercial	Cunners

This licence is issued in accordance with the Aquaculture Act, Chapter A-13 of The Revised Statutes of Newfoundland and Labrador, 1990, and the regulations made thereunder, as well as departmental policy documents. It is subject to the following terms and conditions.

- That an annual fee of **\$3,524.37** to be paid each year;
- That culture of the above listed species be confined to:

Olive Cove, Hermitage Bay

Latitude: 47.6446°

Longitude: -55.7353°

Hectares: 24.306

(General description of site location)

and as specified by Water Use Approval document No. MAWUL-18-9894 as issued by Department of Environment and Climate Change.

and as specified by NPP Approval No. 8200-02-1296 as issued by Transport Canada.

and as specified by Lease No. 122940 as issued by Department of Fisheries, Forestry and Agriculture.

- That aquaculture shall be conducted with due diligence, in a reasonable manner and in accordance with good husbandry practices, and;
- Any other terms and conditions attached.

This licence expires 03/31/2025

JUN 08 2021

Issued Date


Minister

AQUACULTURE LICENCE

LICENCE NUMBER: AQ15-LIC-0939

Licence Conditions:

1. Licensees must comply with all directives, policies and/or management strategies issued by the Department of Fisheries, Forestry and Agriculture.
2. Prior to October 2020, licensees must implement mitigation measures to prevent mortality events. Mitigation measures must be approved by Fisheries, Forestry and Agriculture and include, but are not limited to, installation of nets that are a minimum of 20m, aeration devices and optimal farmed fish stocking density. Stocking of sites must not commence until departmental approval is granted. Licensees requesting a variance of less than 20m net depth must submit supporting evidence of geophysical and biophysical site characteristics and proof of alternate mitigation measures to Fisheries, Forestry and Agriculture for review and approval.
3. For any abnormal mortality events, licensees must provide written updates to the Chief Aquaculture Veterinarian and the Director of Aquaculture Development every 10 days following the initial report. When the incident event and removal operations are complete the final numbers of fish removed are to be reported in writing to the CAV and the Director of Aquaculture Development, and any other information deemed by the department to be reportable.
4. Licensees must update the department within 30 days of any production changes due to a depopulation, mass mortality or other incident event.
5. Licensees are required to submit quarterly biophysical data to both the Aquaculture Development and the Aquatic Animal Health Divisions of the Department of Fisheries, Forestry and Agriculture. Biophysical data submitted must include daily records for all active aquaculture marine sites which includes dissolved oxygen, temperature and salinity at different depths.
6. Licensees are required to publicly report suspected escapes within 24 hours of the detection on their corporate or industry association website.
7. Licensees are required to publicly report the detection of federally Reportable Diseases within 24 hours of the detection on their corporate or industry association website.
8. As of January 1, 2021, licensees are required to report sea lice abundance numbers to the department on a monthly basis and post sea lice abundance numbers publicly on a monthly basis on the industry association or corporate website. Further details as to sea lice reporting parameters will be determined through stakeholder engagement, prior to this date.
9. The Department of Fisheries, Forestry and Agriculture retains the right to disclose any or all information collected from licensees.
10. Licensees must provide proof of an Incident Management System. This Incident Management System must be effective, and include processes for internal reporting and analysis of hazards, incident events and for taking corrective actions to prevent their reoccurrence. The system must be reviewed and approved by applicable agencies with jurisdictional authority and the department.
11. Licensees must report to the Assistant Deputy Minister, Fisheries and Aquaculture immediately through verbal notification and in writing, no later than 24 hours, all events that cause abnormal mortality, harm or an imminent threat to farmed finfish, marine installations or structures or vessels including any event that impairs the function of any equipment required to sustain aquatic fish health and prevention of escape, and any other event deemed to be reportable by the department.

AQUACULTURE LICENCE

LICENCE NUMBER: AQ15-LIC-0939

12. Licensees must report any abnormal mortality events within 24 hours of the event occurring to the Aquatic Animal Health Division and the Aquaculture Development Division of the Department of Fisheries, Forestry and Agriculture. The operator is required to submit to the Chief Aquaculture Veterinarian (CAV) and the Director of Aquaculture Development, Standard Operating Procedures (SOPs) for abnormal mortality removal for departmental review and approval, and must demonstrate that other agencies with jurisdictional responsibilities have approved the SOPs.
13. Licensees must publicly report within 24 hours through public communication acceptable to the department, and their corporate or industry association website, all events that cause abnormal mortality, harm or an imminent threat to farmed finfish, marine installations or structures or vessels including any event that impairs the function of any equipment required to sustain aquatic fish health and prevention of escape, and any other event deemed to be reportable by the department.
14. Licensees may allow access to their sites to licensed commercial lobster fishers with the exception of when a site is quarantined. An access agreement is to be established with fishers involved with the traditional lobster fishery.
15. Licensees are required to ensure that all feed bags are secured to prevent loss at sea immediately after being emptied of feed as per departmental policy on feed bag handling.
16. Licensees must ensure any transfer of fish into Newfoundland and Labrador via well boat, vessel or vehicle adhere to biosecurity policies contained within the Aquaculture Policy and Procedures Manual.
17. Licensees must ensure any transfer of equipment into Newfoundland and Labrador adhere to biosecurity policies contained within the Aquaculture Policy and Procedures Manual.
18. Licensee must complete and maintain records for below surface cage inspections every 30 days.
19. Licensees must provide to Fisheries, Forestry and Agriculture, an Emergency Recapture Licence issued by Fisheries and Oceans Canada, prior to the recapture of cultured fish.
20. Licensees must ensure that all required plans are approved by the department. These plans include, but are not limited to: Environmental and Waste Management Plan; Integrated Pest Management Plan; Biosecurity Plan; and Fish Health Management Plan.
21. Licensees must report all escape events, quarantine or depopulation orders or directives issued by the Provincial Government to the public on their corporate or industry association website within 24 hours of escape confirmation or the quarantine or depopulation orders or directive being given. Licensees are required to maintain record of escape events.
22. Licensees must ensure that a security bond is established and in accordance with departmental requirements.
23. Licensees must abide by the requirements of the Bay Management Area Agreement.
24. Licensees must abide by the requirements of The Code of Containment for the Culture of Salmonids in Newfoundland and Labrador.
25. Licensees must ensure product harvested from sites is processed in a facility licensed in accordance with the requirements of the Fish Inspection Act (RSNL 1990 Chapter F-12) and regulations.

AQUACULTURE LICENCE

LICENCE NUMBER: AQ15-LIC-0939

26. Licensees must ensure finfish aquaculture cage and bird stands are marked in accordance with appropriate coding CAI. The code markings must be legible, with white letters on a black background, with each letter being a minimum 15 cm in height and 7.5 cm in width. Cage and bird stand markings must be located vertically on the outside of 4 stanchions that are equidistant apart.
27. Licensees must mark finfish aquaculture cage and bird stands with a 10 cm by 60 cm band of yellow retroreflective tape in 4 locations on the outside of the top rail, equidistant apart.
28. Licensees must complete an annual report as per the Federal Aquaculture Activities Regulations, Section 16 (detailed on the Aquaculture Activities Regulations Guidance Document, Annex 1: AAR Reporting Template).
29. Licensees must ensure that all fish transferred from hatcheries to aquaculture sites/facilities are vaccinated against known fish pathogens.
30. Licensees must complete and return annual statistics to the Aquaculture Licensing Administrator before the Licence will be considered for renewal.
31. Licensees must provide all required annual reports, statistics, and any other reports required by the department within the timelines directed by the department in order for the licence to be considered for annual validation and renewal.

AQUACULTURE LICENCE

LICENCE NUMBER: AQ15-LIC-0840

NAME: Cold Ocean Salmon Inc.

ADDRESS: 1 Boys Road, P.O. Box 59, Hermitage NL A0H1S0

Is duly authorized to culture the species of marine plants and/or animals stated herein.

LICENCE	SPECIES
Commercial	Atlantic Salmon
Commercial	Steelhead
Research	Cunners
Research	Lumpfish

This licence is issued in accordance with the Aquaculture Act, Chapter A-13 of The Revised Statutes of Newfoundland and Labrador, 1990, and the regulations made thereunder, as well as departmental policy documents. It is subject to the following terms and conditions.

- That an annual fee of **\$5,234.50** to be paid each year;
- That culture of the above listed species be confined to:

Sugarloaf Island, Great Cuiller Bay

Latitude: 47.7276° Longitude: 56.1625° Hectares: 36.1

(General description of site location)

and as specified by Water Use Approval document No. WUL-11-066 as issued by Department of Municipal Affairs and Environment.

and as specified by NPP Approval No. 8200-01-1058 as issued by Transport Canada.

and as specified by Lease No. 118395 as issued by Department of Fisheries and Land Resources.

- That aquaculture shall be conducted with due diligence, in a reasonable manner and in accordance with good husbandry practices, and;
- Any other terms and conditions attached.

This licence expires 03/31/2025

MAR 06 2019

Issued Date

Minister

AQUACULTURE LICENCE

LICENCE NUMBER: AQ15-LIC-0840

Licence Conditions:

1. The licensee shall comply with all directives, policies and/or management strategies issued by the Department of Fisheries and Land Resources.
2. All fish transferred from hatcheries to this site must be vaccinated against known fish pathogens and in a manner approved by the AAHD.
3. Product harvested from this site must be processed in a facility licensed in accordance with the requirements of the Fish Inspection Act (RSNL 1990 Chapter F-12) and Regulations.
4. The licensee is required to complete an annual report as per the Federal Aquaculture Activity Regulations, Section 16 (detailed on the Aquaculture Activity Regulations Guidance Document, Annex 1: AAR Reporting Template).
5. The licensee must provide access to lobster fishers who have traditionally fished on this site.
6. Mortality and morbidity events greater than 0.05% per day for three consecutive days or greater than 4000 kg or 2% of the inventory over a 24 hour period or greater than 10,000 kg or 5% of the inventory over a 5 day period are to be immediately reported to the AAHD.
7. Any transfer of fish into Newfoundland and Labrador via well boat or truck will require the licensee to follow all biosecurity protocols established by the AAHD. The licensee must allow on-site auditing of the well boat or truck for protocol adherence by AAHD staff. Well boat transfers must have a well-defined course of navigation to minimize interactions with adjacent aquaculture operations. The navigation course may be subject to review by the AAHD.
8. The licensee is required to advise the AAHD of any used equipment or material being brought into the province for use on the farm site. The licensee is required to clean and disinfect this equipment according to disinfection protocols as outlined and specified by the AAHD.
9. The licensee must abide by the requirements of the Bay Management Areas Agreement for the South Coast of NL.
10. The company Waste Management Plan must be amended to include cleaner fish.
11. Three letter code CAI on a sign hanging from the steel cage rail on all four sides of each cage. Lettering on the signs must be 15cm in height and 7.5 cm in width and be white letter on a black background. A band of reflective tape 10 cm thick must surround the sign on all sides.
12. Each finfish aquaculture cage and bird stand must be marked with a 10 cm by 60 cm band of yellow retro-reflective tape in 4 locations on the outside of the top rail, equidistant apart.
13. The licensee must establish a health surveillance program at the facility by consulting with the Aquatic Animal Health Division (AAHD).
14. Annual statistics are to be completed and returned to the Aquaculture Licensing Administrator before this licence will be considered for renewal.

AQUACULTURE LICENCE

LICENCE NUMBER: AQ22-LIC-1156

NAME: Grieg Marine NL Ltd.

ADDRESS: 205 McGettigan Blvd., P.O. Box 457, Marystown NL A0E 2M0

Is duly authorized to culture the species of marine plants and/or animals stated herein.

LICENCE	SPECIES
Commercial	Atlantic Salmon

This licence is issued in accordance with the Aquaculture Act, Chapter A-13 of The Revised Statutes of Newfoundland and Labrador, 1990, and the regulations made thereunder, as well as departmental policy documents. It is subject to the following terms and conditions.

- That an annual fee of **\$42,050.00** to be paid each year;
- That culture of the above listed species be confined to:

Jude Island

Latitude: 47.2789°

Longitude: -54.7963°

Hectares: 290

(General description of site location)

and as specified by Water Use Approval document No. MAWUL-21-11731 as issued by Department of Environment and Climate Change.

and as specified by NPP Approval No. 2021-203788 as issued by Transport Canada.

and as specified by Lease No. 157989 as issued by Department of Fisheries, Forestry and Agriculture.

- That aquaculture shall be conducted with due diligence, in a reasonable manner and in accordance with good husbandry practices, and;
- Any other terms and conditions attached.

This licence expires 03/31/2028

JUL 05 2022

Issued Date


Minister

AQUACULTURE LICENCE

LICENCE NUMBER: AQ22-LIC-1156

Licence Conditions:

1. Licensees must comply with all directives, policies and/or management strategies issued by the Department of Fisheries, Forestry and Agriculture.
2. Licensees must abide by the requirements of the Bay Management Area Agreement.
3. Licensees must abide by the requirements of The Code of Containment for the Culture of Salmonids in Newfoundland and Labrador.
4. Licensees are required to have a Licensed Designated Veterinarian and follow the Aquatic Animal Health Surveillance Plans as outlined in the Aquaculture Policy and Procedures Manual.
5. Licensees must provide to Fisheries, Forestry and Agriculture, an Emergency Recapture Licence issued by Fisheries and Oceans Canada, prior to the recapture of cultured fish.
6. Licensees must implement mitigation measures to prevent mortality events. Mitigation measures must be approved by Fisheries, Forestry and Agriculture and include, but are not limited to, installation of nets that are a minimum of 20m, aeration devices and optimal farmed fish stocking density. Stocking of sites must not commence until departmental approval is granted. Licensees requesting a variance of less than 20m net depth must submit supporting evidence of geophysical and biophysical site characteristics and proof of alternate mitigation measures to Fisheries, Forestry and Agriculture for review and approval.
7. Licensees must report to the Assistant Deputy Minister, Fisheries and Aquaculture, immediately through verbal notification and in writing, no later than 24 hours, all incident events that cause harm or an imminent threat to farmed finfish, marine installations or structures or vessels including any event that impairs the function of any equipment required to sustain aquatic fish health and prevention of escape, and any other event deemed to be reportable by the department.
8. Licensees must report any abnormal mortality events, including the number of fish mortalities, within 24 hours of the event occurring to the Aquatic Animal Health Division and the Aquaculture Development Division of the Department of Fisheries, Forestry and Agriculture. The operator is required to submit to the Chief Aquaculture Veterinarian (CAV) and the Director of Aquaculture Development, Standard Operating Procedures (SOPs) for abnormal mortality removal for departmental review and approval. It is the licensees responsibility to seek approval of SOPs from other agencies with jurisdictional responsibilities. Public reporting is not dependent upon SOP approval.
9. For any abnormal mortality events, licensees must provide written updates to the Chief Aquaculture Veterinarian and the Director of Aquaculture Development every 10 days following the initial report. When the abnormal mortality event and removal operations are complete the final numbers of fish removed are to be reported in writing to the CAV and the Director of Aquaculture Development, and any other information deemed by the department to be reportable.
10. Licensees must update the department within 30 days of any production changes due to a depopulation, mass mortality or other incident event.
11. Licensees are required to publicly report suspected escapes within 24 hours of the detection on their corporate or industry association website.
12. Licensees are required to publicly report confirmed federally Reportable Diseases within 24 hours of the confirmation on their corporate or industry association website.

AQUACULTURE LICENCE

LICENCE NUMBER: AQ22-LIC-1156

13. Licensees must follow the Aquaculture Operator Incident Reporting Guidelines as prescribed by the department.
14. Licensees must report all escape events, quarantine or depopulation orders or directives issued by the Provincial Government to the public on their corporate or industry association website within 24 hours of escape confirmation or the quarantine or depopulation orders or directive being given. Licensees are required to maintain record of escape events.
15. Licensees are required to submit sea lice abundance numbers to the Aquatic Animal Health Division using an agreed upon third party database on a monthly basis starting at spring of each year and report sea lice abundance numbers publicly on a monthly basis on the industry association or corporate website.
16. Licensees must abide by the Incident Management System plan approved and on file with the department. This Incident Management System plan must be effective, and include processes for internal reporting and analysis of hazards, incident events and for taking corrective actions to prevent their reoccurrence. Any changes to the system must be reviewed and approved by applicable agencies with jurisdictional authority and the department.
17. Licensees must abide by all required plans that are approved and on file with the department. These plans include, but are not limited to: Environmental and Waste Management Plan; Fish Disposal Plan, and Fish Health Management Plan (includes Biosecurity Plan and Integrated Pest Management Plan).
18. Licensees must complete an annual report as per the Federal Aquaculture Activities Regulations, Section 16 (detailed on the Aquaculture Activities Regulations Guidance Document, Annex 1: AAR Reporting Template).
19. Licensees must ensure any transfer of fish into Newfoundland and Labrador via well boat, vessel or vehicle adhere to biosecurity policies contained within the Aquaculture Policy and Procedures Manual.
20. Licensees must ensure any transfer of equipment into Newfoundland and Labrador adhere to biosecurity policies contained within the Aquaculture Policy and Procedures Manual.
21. Licensees must ensure that all fish transferred from hatcheries to aquaculture sites/facilities are vaccinated against known fish pathogens of concern.
22. Licensees must ensure that all feed bags are secured to prevent loss at sea immediately after being emptied of feed as per departmental policy on feed bag handling.
23. Licensees must ensure that a security bond is established and in accordance with departmental requirements.
24. Licensees may allow access to their sites to licensed commercial lobster fishers with the exception of when a site is quarantined. An access agreement is to be established with fishers involved with the traditional lobster fishery.
25. Licensees must ensure product harvested from sites is processed in a facility licensed in accordance with the requirements of the Fish Inspection Act (RSNL 1990 Chapter F-12) and regulations.

AQUACULTURE LICENCE

LICENCE NUMBER: AQ22-LIC-1156

26. Licensees must ensure finfish aquaculture cage and bird stands are marked in accordance with appropriate coding GSF. The code markings must be legible, with white letters on a black background, with each letter being a minimum 15 cm in height and 7.5 cm in width. Cage and bird stand markings must be located vertically on the outside of 4 stanchions that are equidistant apart.
27. Licensees must mark finfish aquaculture cage and bird stands with a 10 cm by 60 cm band of yellow retroreflective tape in 4 locations on the outside of the top rail, equidistant apart.
28. Licensees are required to submit quarterly biophysical data to both the Aquaculture Development and the Aquatic Animal Health Divisions of the Department of Fisheries, Forestry and Agriculture. Biophysical data submitted must include daily records for all active aquaculture marine sites which includes dissolved oxygen, temperature and salinity at different depths.
29. Licensee must complete and maintain records for below surface cage inspections every 30 days.
30. Licensees shall comply with all environmental release terms and conditions as advised by the Minister of Environment and Climate Change and approved by the Lieutenant Governor in Council under the Environmental Protection Act in Reg. 1834.
31. Licensees must complete and return annual statistics to the Aquaculture Licensing Administrator before the Licence will be considered for renewal.
32. Licensees must provide all required annual reports, statistics, and any other reports required by the department within the timelines directed by the department in order for the licence to be considered for annual validation and renewal.
33. The Department of Fisheries, Forestry and Agriculture retains the right to disclose any or all information collected from licensees.

AQUACULTURE LICENCE

LICENCE NUMBER: AQ22-LIC-1157

NAME: Grieg Marine NL Ltd.

ADDRESS: 205 McGettigan Blvd., P.O. Box 457, Marystown NL A0E 2M0

Is duly authorized to culture the species of marine plants and/or animals stated herein.

LICENCE	SPECIES
Commercial	Atlantic Salmon

This licence is issued in accordance with the Aquaculture Act, Chapter A-13 of The Revised Statutes of Newfoundland and Labrador, 1990, and the regulations made thereunder, as well as departmental policy documents. It is subject to the following terms and conditions.

- That an annual fee of **\$46,980.00** to be paid each year;
- That culture of the above listed species be confined to:

Paradise Sound

Latitude: 47.4538°

Longitude: -54.5389°

Hectares: 324

(General description of site location)

and as specified by Water Use Approval document No. MAWUL-21-11730 as issued by Department of Environment and Climate Change.

and as specified by NPP Approval No. 2021-203790 as issued by Transport Canada.

and as specified by Lease No. 157978 as issued by Department of Fisheries, Forestry and Agriculture.

- That aquaculture shall be conducted with due diligence, in a reasonable manner and in accordance with good husbandry practices, and;
- Any other terms and conditions attached.

This licence expires 03/31/2028

JUL 05 2022

Issued Date



Minister

AQUACULTURE LICENCE

LICENCE NUMBER: AQ22-LIC-1157

Licence Conditions:

1. Licensees must comply with all directives, policies and/or management strategies issued by the Department of Fisheries, Forestry and Agriculture.
2. Licensees must abide by the requirements of the Bay Management Area Agreement.
3. Licensees must abide by the requirements of The Code of Containment for the Culture of Salmonids in Newfoundland and Labrador.
4. Licensees are required to have a Licensed Designated Veterinarian and follow the Aquatic Animal Health Surveillance Plans as outlined in the Aquaculture Policy and Procedures Manual.
5. Licensees must provide to Fisheries, Forestry and Agriculture, an Emergency Recapture Licence issued by Fisheries and Oceans Canada, prior to the recapture of cultured fish.
6. Licensees must implement mitigation measures to prevent mortality events. Mitigation measures must be approved by Fisheries, Forestry and Agriculture and include, but are not limited to, installation of nets that are a minimum of 20m, aeration devices and optimal farmed fish stocking density. Stocking of sites must not commence until departmental approval is granted. Licensees requesting a variance of less than 20m net depth must submit supporting evidence of geophysical and biophysical site characteristics and proof of alternate mitigation measures to Fisheries, Forestry and Agriculture for review and approval.
7. Licensees must report to the Assistant Deputy Minister, Fisheries and Aquaculture, immediately through verbal notification and in writing, no later than 24 hours, all incident events that cause harm or an imminent threat to farmed finfish, marine installations or structures or vessels including any event that impairs the function of any equipment required to sustain aquatic fish health and prevention of escape, and any other event deemed to be reportable by the department.
8. Licensees must report any abnormal mortality events, including the number of fish mortalities, within 24 hours of the event occurring to the Aquatic Animal Health Division and the Aquaculture Development Division of the Department of Fisheries, Forestry and Agriculture. The operator is required to submit to the Chief Aquaculture Veterinarian (CAV) and the Director of Aquaculture Development, Standard Operating Procedures (SOPs) for abnormal mortality removal for departmental review and approval. It is the licensees responsibility to seek approval of SOPs from other agencies with jurisdictional responsibilities. Public reporting is not dependent upon SOP approval.
9. For any abnormal mortality events, licensees must provide written updates to the Chief Aquaculture Veterinarian and the Director of Aquaculture Development every 10 days following the initial report. When the abnormal mortality event and removal operations are complete the final numbers of fish removed are to be reported in writing to the CAV and the Director of Aquaculture Development, and any other information deemed by the department to be reportable.
10. Licensees must update the department within 30 days of any production changes due to a depopulation, mass mortality or other incident event.
11. Licensees are required to publicly report suspected escapes within 24 hours of the detection on their corporate or industry association website.
12. Licensees are required to publicly report confirmed federally Reportable Diseases within 24 hours of the confirmation on their corporate or industry association website.

AQUACULTURE LICENCE

LICENCE NUMBER: AQ22-LIC-1157

13. Licensees must follow the Aquaculture Operator Incident Reporting Guidelines as prescribed by the department.
14. Licensees must report all escape events, quarantine or depopulation orders or directives issued by the Provincial Government to the public on their corporate or industry association website within 24 hours of escape confirmation or the quarantine or depopulation orders or directive being given. Licensees are required to maintain record of escape events.
15. Licensees are required to submit sea lice abundance numbers to the Aquatic Animal Health Division using an agreed upon third party database on a monthly basis starting at spring of each year and report sea lice abundance numbers publicly on a monthly basis on the industry association or corporate website.
16. Licensees must abide by the Incident Management System plan approved and on file with the department. This Incident Management System plan must be effective, and include processes for internal reporting and analysis of hazards, incident events and for taking corrective actions to prevent their reoccurrence. Any changes to the system must be reviewed and approved by applicable agencies with jurisdictional authority and the department.
17. Licensees must abide by all required plans that are approved and on file with the department. These plans include, but are not limited to: Environmental and Waste Management Plan; Fish Disposal Plan, and Fish Health Management Plan (includes Biosecurity Plan and Integrated Pest Management Plan).
18. Licensees must complete an annual report as per the Federal Aquaculture Activities Regulations, Section 16 (detailed on the Aquaculture Activities Regulations Guidance Document, Annex 1: AAR Reporting Template).
19. Licensees must ensure any transfer of fish into Newfoundland and Labrador via well boat, vessel or vehicle adhere to biosecurity policies contained within the Aquaculture Policy and Procedures Manual.
20. Licensees must ensure any transfer of equipment into Newfoundland and Labrador adhere to biosecurity policies contained within the Aquaculture Policy and Procedures Manual.
21. Licensees must ensure that all fish transferred from hatcheries to aquaculture sites/facilities are vaccinated against known fish pathogens of concern.
22. Licensees must ensure that all feed bags are secured to prevent loss at sea immediately after being emptied of feed as per departmental policy on feed bag handling.
23. Licensees must ensure that a security bond is established and in accordance with departmental requirements.
24. Licensees may allow access to their sites to licensed commercial lobster fishers with the exception of when a site is quarantined. An access agreement is to be established with fishers involved with the traditional lobster fishery.
25. Licensees must ensure product harvested from sites is processed in a facility licensed in accordance with the requirements of the Fish Inspection Act (RSNL 1990 Chapter F-12) and regulations.

AQUACULTURE LICENCE

LICENCE NUMBER: AQ22-LIC-1157

26. Licensees must ensure finfish aquaculture cage and bird stands are marked in accordance with appropriate coding GSF. The code markings must be legible, with white letters on a black background, with each letter being a minimum 15 cm in height and 7.5 cm in width. Cage and bird stand markings must be located vertically on the outside of 4 stanchions that are equidistant apart.
27. Licensees must mark finfish aquaculture cage and bird stands with a 10 cm by 60 cm band of yellow retroreflective tape in 4 locations on the outside of the top rail, equidistant apart.
28. Licensees are required to submit quarterly biophysical data to both the Aquaculture Development and the Aquatic Animal Health Divisions of the Department of Fisheries, Forestry and Agriculture. Biophysical data submitted must include daily records for all active aquaculture marine sites which includes dissolved oxygen, temperature and salinity at different depths.
29. Licensee must complete and maintain records for below surface cage inspections every 30 days.
30. Licensees shall comply with all environmental release terms and conditions as advised by the Minister of Environment and Climate Change and approved by the Lieutenant Governor in Council under the Environmental Protection Act in Reg. 1834.
31. Licensees must complete and return annual statistics to the Aquaculture Licensing Administrator before the Licence will be considered for renewal.
32. Licensees must provide all required annual reports, statistics, and any other reports required by the department within the timelines directed by the department in order for the licence to be considered for annual validation and renewal.
33. The Department of Fisheries, Forestry and Agriculture retains the right to disclose any or all information collected from licensees.

AQUACULTURE LICENCE

LICENCE NUMBER: AQ22-LIC-1158

NAME: Grieg Marine NL Ltd.

ADDRESS: 205 McGettigan Blvd., P.O. Box 457, Marystown NL A0E 2M0

Is duly authorized to culture the species of marine plants and/or animals stated herein.

LICENCE	SPECIES
Commercial	Atlantic Salmon

This licence is issued in accordance with the Aquaculture Act, Chapter A-13 of The Revised Statutes of Newfoundland and Labrador, 1990, and the regulations made thereunder, as well as departmental policy documents. It is subject to the following terms and conditions.

- That an annual fee of **\$25,085.00** to be paid each year;
- That culture of the above listed species be confined to:

St. Leonard's

Latitude: 47.4669° Longitude: -54.4197° Hectares: 173
(General description of site location)

and as specified by Water Use Approval document No. MAWUL-21-11729 as issued by Department of Environment and Climate Change.

and as specified by NPP Approval No. 2021-203782 as issued by Transport Canada.

and as specified by Lease No. 157988 as issued by Department of Fisheries, Forestry and Agriculture.

- That aquaculture shall be conducted with due diligence, in a reasonable manner and in accordance with good husbandry practices, and;
- Any other terms and conditions attached.

This licence expires 03/31/2028

JUL 05 2022

Issued Date


Minister

AQUACULTURE LICENCE

LICENCE NUMBER: AQ22-LIC-1158

Licence Conditions:

1. Licensees must comply with all directives, policies and/or management strategies issued by the Department of Fisheries, Forestry and Agriculture.
2. Licensees must abide by the requirements of the Bay Management Area Agreement.
3. Licensees must abide by the requirements of The Code of Containment for the Culture of Salmonids in Newfoundland and Labrador.
4. Licensees are required to have a Licensed Designated Veterinarian and follow the Aquatic Animal Health Surveillance Plans as outlined in the Aquaculture Policy and Procedures Manual.
5. Licensees must provide to Fisheries, Forestry and Agriculture, an Emergency Recapture Licence issued by Fisheries and Oceans Canada, prior to the recapture of cultured fish.
6. Licensees must implement mitigation measures to prevent mortality events. Mitigation measures must be approved by Fisheries, Forestry and Agriculture and include, but are not limited to, installation of nets that are a minimum of 20m, aeration devices and optimal farmed fish stocking density. Stocking of sites must not commence until departmental approval is granted. Licensees requesting a variance of less than 20m net depth must submit supporting evidence of geophysical and biophysical site characteristics and proof of alternate mitigation measures to Fisheries, Forestry and Agriculture for review and approval.
7. Licensees must report to the Assistant Deputy Minister, Fisheries and Aquaculture, immediately through verbal notification and in writing, no later than 24 hours, all incident events that cause harm or an imminent threat to farmed finfish, marine installations or structures or vessels including any event that impairs the function of any equipment required to sustain aquatic fish health and prevention of escape, and any other event deemed to be reportable by the department.
8. Licensees must report any abnormal mortality events, including the number of fish mortalities, within 24 hours of the event occurring to the Aquatic Animal Health Division and the Aquaculture Development Division of the Department of Fisheries, Forestry and Agriculture. The operator is required to submit to the Chief Aquaculture Veterinarian (CAV) and the Director of Aquaculture Development, Standard Operating Procedures (SOPs) for abnormal mortality removal for departmental review and approval. It is the licensees responsibility to seek approval of SOPs from other agencies with jurisdictional responsibilities. Public reporting is not dependent upon SOP approval.
9. For any abnormal mortality events, licensees must provide written updates to the Chief Aquaculture Veterinarian and the Director of Aquaculture Development every 10 days following the initial report. When the abnormal mortality event and removal operations are complete the final numbers of fish removed are to be reported in writing to the CAV and the Director of Aquaculture Development, and any other information deemed by the department to be reportable.
10. Licensees must update the department within 30 days of any production changes due to a depopulation, mass mortality or other incident event.
11. Licensees are required to publicly report suspected escapes within 24 hours of the detection on their corporate or industry association website.
12. Licensees are required to publicly report confirmed federally Reportable Diseases within 24 hours of the confirmation on their corporate or industry association website.

AQUACULTURE LICENCE

LICENCE NUMBER: AQ22-LIC-1158

13. Licensees must follow the Aquaculture Operator Incident Reporting Guidelines as prescribed by the department.
14. Licensees must report all escape events, quarantine or depopulation orders or directives issued by the Provincial Government to the public on their corporate or industry association website within 24 hours of escape confirmation or the quarantine or depopulation orders or directive being given. Licensees are required to maintain record of escape events.
15. Licensees are required to submit sea lice abundance numbers to the Aquatic Animal Health Division using an agreed upon third party database on a monthly basis starting at spring of each year and report sea lice abundance numbers publicly on a monthly basis on the industry association or corporate website.
16. Licensees must abide by the Incident Management System plan approved and on file with the department. This Incident Management System plan must be effective, and include processes for internal reporting and analysis of hazards, incident events and for taking corrective actions to prevent their reoccurrence. Any changes to the system must be reviewed and approved by applicable agencies with jurisdictional authority and the department.
17. Licensees must abide by all required plans that are approved and on file with the department. These plans include, but are not limited to: Environmental and Waste Management Plan; Fish Disposal Plan, and Fish Health Management Plan (includes Biosecurity Plan and Integrated Pest Management Plan).
18. Licensees must complete an annual report as per the Federal Aquaculture Activities Regulations, Section 16 (detailed on the Aquaculture Activities Regulations Guidance Document, Annex 1: AAR Reporting Template).
19. Licensees must ensure any transfer of fish into Newfoundland and Labrador via well boat, vessel or vehicle adhere to biosecurity policies contained within the Aquaculture Policy and Procedures Manual.
20. Licensees must ensure any transfer of equipment into Newfoundland and Labrador adhere to biosecurity policies contained within the Aquaculture Policy and Procedures Manual.
21. Licensees must ensure that all fish transferred from hatcheries to aquaculture sites/facilities are vaccinated against known fish pathogens of concern.
22. Licensees must ensure that all feed bags are secured to prevent loss at sea immediately after being emptied of feed as per departmental policy on feed bag handling.
23. Licensees must ensure that a security bond is established and in accordance with departmental requirements.
24. Licensees may allow access to their sites to licensed commercial lobster fishers with the exception of when a site is quarantined. An access agreement is to be established with fishers involved with the traditional lobster fishery.
25. Licensees must ensure product harvested from sites is processed in a facility licensed in accordance with the requirements of the Fish Inspection Act (RSNL 1990 Chapter F-12) and regulations.

AQUACULTURE LICENCE

LICENCE NUMBER: AQ22-LIC-1158

26. Licensees must ensure finfish aquaculture cage and bird stands are marked in accordance with appropriate coding GSF. The code markings must be legible, with white letters on a black background, with each letter being a minimum 15 cm in height and 7.5 cm in width. Cage and bird stand markings must be located vertically on the outside of 4 stanchions that are equidistant apart.
27. Licensees must mark finfish aquaculture cage and bird stands with a 10 cm by 60 cm band of yellow retroreflective tape in 4 locations on the outside of the top rail, equidistant apart.
28. Licensees are required to submit quarterly biophysical data to both the Aquaculture Development and the Aquatic Animal Health Divisions of the Department of Fisheries, Forestry and Agriculture. Biophysical data submitted must include daily records for all active aquaculture marine sites which includes dissolved oxygen, temperature and salinity at different depths.
29. Licensee must complete and maintain records for below surface cage inspections every 30 days.
30. Licensees shall comply with all environmental release terms and conditions as advised by the Minister of Environment and Climate Change and approved by the Lieutenant Governor in Council under the Environmental Protection Act in Reg. 1834.
31. Licensees must complete and return annual statistics to the Aquaculture Licensing Administrator before the Licence will be considered for renewal.
32. Licensees must provide all required annual reports, statistics, and any other reports required by the department within the timelines directed by the department in order for the licence to be considered for annual validation and renewal.
33. The Department of Fisheries, Forestry and Agriculture retains the right to disclose any or all information collected from licensees.

AQUACULTURE LICENCE

LICENCE NUMBER: AQ22-LIC-1155

NAME: Grieg Marine NL Ltd.

ADDRESS: 205 McGettigan Blvd., P.O. Box 457, Marystown NL A0E2M0

Is duly authorized to culture the species of marine plants and/or animals stated herein.

LICENCE	SPECIES
Commercial	Atlantic Salmon

This licence is issued in accordance with the Aquaculture Act, Chapter A-13 of The Revised Statutes of Newfoundland and Labrador, 1990, and the regulations made thereunder, as well as departmental policy documents. It is subject to the following terms and conditions.

- That an annual fee of \$29,580.00 to be paid each year;
- That culture of the above listed species be confined to:

Gilbert's Cove

Latitude: 47.4268°

Longitude: -54.5699°

Hectares: 204

(General description of site location)

and as specified by Water Use Approval document No. MAWUL-21-11732 as issued by Department of Environment and Climate Change.

and as specified by NPP Approval No. 2021-203800 as issued by Transport Canada.

and as specified by Lease No. 157713 as issued by Department of Fisheries, Forestry and Agriculture.

- That aquaculture shall be conducted with due diligence, in a reasonable manner and in accordance with good husbandry practices, and;
- Any other terms and conditions attached.

This licence expires 03/31/2028

JUL 05 2022

Issued Date



Minister

AQUACULTURE LICENCE

LICENCE NUMBER: AQ22-LIC-1155

Licence Conditions:

1. Licensees must comply with all directives, policies and/or management strategies issued by the Department of Fisheries, Forestry and Agriculture.
2. Licensees must abide by the requirements of the Bay Management Area Agreement.
3. Licensees must abide by the requirements of The Code of Containment for the Culture of Salmonids in Newfoundland and Labrador.
4. Licensees are required to have a Licensed Designated Veterinarian and follow the Aquatic Animal Health Surveillance Plans as outlined in the Aquaculture Policy and Procedures Manual.
5. Licensees must provide to Fisheries, Forestry and Agriculture, an Emergency Recapture Licence issued by Fisheries and Oceans Canada, prior to the recapture of cultured fish.
6. Licensees must implement mitigation measures to prevent mortality events. Mitigation measures must be approved by Fisheries, Forestry and Agriculture and include, but are not limited to, installation of nets that are a minimum of 20m, aeration devices and optimal farmed fish stocking density. Stocking of sites must not commence until departmental approval is granted. Licensees requesting a variance of less than 20m net depth must submit supporting evidence of geophysical and biophysical site characteristics and proof of alternate mitigation measures to Fisheries, Forestry and Agriculture for review and approval.
7. Licensees must report to the Assistant Deputy Minister, Fisheries and Aquaculture, immediately through verbal notification and in writing, no later than 24 hours, all incident events that cause harm or an imminent threat to farmed finfish, marine installations or structures or vessels including any event that impairs the function of any equipment required to sustain aquatic fish health and prevention of escape, and any other event deemed to be reportable by the department.
8. Licensees must report any abnormal mortality events, including the number of fish mortalities, within 24 hours of the event occurring to the Aquatic Animal Health Division and the Aquaculture Development Division of the Department of Fisheries, Forestry and Agriculture. The operator is required to submit to the Chief Aquaculture Veterinarian (CAV) and the Director of Aquaculture Development, Standard Operating Procedures (SOPs) for abnormal mortality removal for departmental review and approval. It is the licensees responsibility to seek approval of SOPs from other agencies with jurisdictional responsibilities. Public reporting is not dependent upon SOP approval.
9. For any abnormal mortality events, licensees must provide written updates to the Chief Aquaculture Veterinarian and the Director of Aquaculture Development every 10 days following the initial report. When the abnormal mortality event and removal operations are complete the final numbers of fish removed are to be reported in writing to the CAV and the Director of Aquaculture Development, and any other information deemed by the department to be reportable.
10. Licensees must update the department within 30 days of any production changes due to a depopulation, mass mortality or other incident event.
11. Licensees are required to publicly report suspected escapes within 24 hours of the detection on their corporate or industry association website.
12. Licensees are required to publicly report confirmed federally Reportable Diseases within 24 hours of the confirmation on their corporate or industry association website.

AQUACULTURE LICENCE

LICENCE NUMBER: AQ22-LIC-1155

13. Licensees must follow the Aquaculture Operator Incident Reporting Guidelines as prescribed by the department.
14. Licensees must report all escape events, quarantine or depopulation orders or directives issued by the Provincial Government to the public on their corporate or industry association website within 24 hours of escape confirmation or the quarantine or depopulation orders or directive being given. Licensees are required to maintain record of escape events.
15. Licensees are required to submit sea lice abundance numbers to the Aquatic Animal Health Division using an agreed upon third party database on a monthly basis starting at spring of each year and report sea lice abundance numbers publicly on a monthly basis on the industry association or corporate website.
16. Licensees must abide by the Incident Management System plan approved and on file with the department. This Incident Management System plan must be effective, and include processes for internal reporting and analysis of hazards, incident events and for taking corrective actions to prevent their reoccurrence. Any changes to the system must be reviewed and approved by applicable agencies with jurisdictional authority and the department.
17. Licensees must abide by all required plans that are approved and on file with the department. These plans include, but are not limited to: Environmental and Waste Management Plan; Fish Disposal Plan, and Fish Health Management Plan (includes Biosecurity Plan and Integrated Pest Management Plan).
18. Licensees must complete an annual report as per the Federal Aquaculture Activities Regulations, Section 16 (detailed on the Aquaculture Activities Regulations Guidance Document, Annex 1: AAR Reporting Template).
19. Licensees must ensure any transfer of fish into Newfoundland and Labrador via well boat, vessel or vehicle adhere to biosecurity policies contained within the Aquaculture Policy and Procedures Manual.
20. Licensees must ensure any transfer of equipment into Newfoundland and Labrador adhere to biosecurity policies contained within the Aquaculture Policy and Procedures Manual.
21. Licensees must ensure that all fish transferred from hatcheries to aquaculture sites/facilities are vaccinated against known fish pathogens of concern.
22. Licensees must ensure that all feed bags are secured to prevent loss at sea immediately after being emptied of feed as per departmental policy on feed bag handling.
23. Licensees must ensure that a security bond is established and in accordance with departmental requirements.
24. Licensees may allow access to their sites to licensed commercial lobster fishers with the exception of when a site is quarantined. An access agreement is to be established with fishers involved with the traditional lobster fishery.
25. Licensees must ensure product harvested from sites is processed in a facility licensed in accordance with the requirements of the Fish Inspection Act (RSNL 1990 Chapter F-12) and regulations.

AQUACULTURE LICENCE

LICENCE NUMBER: AQ22-LIC-1155

26. Licensees must ensure finfish aquaculture cage and bird stands are marked in accordance with appropriate coding GSF. The code markings must be legible, with white letters on a black background, with each letter being a minimum 15 cm in height and 7.5 cm in width. Cage and bird stand markings must be located vertically on the outside of 4 stanchions that are equidistant apart.
27. Licensees must mark finfish aquaculture cage and bird stands with a 10 cm by 60 cm band of yellow retroreflective tape in 4 locations on the outside of the top rail, equidistant apart.
28. Licensees are required to submit quarterly biophysical data to both the Aquaculture Development and the Aquatic Animal Health Divisions of the Department of Fisheries, Forestry and Agriculture. Biophysical data submitted must include daily records for all active aquaculture marine sites which includes dissolved oxygen, temperature and salinity at different depths.
29. Licensee must complete and maintain records for below surface cage inspections every 30 days.
30. Licensees shall comply with all environmental release terms and conditions as advised by the Minister of Environment and Climate Change and approved by the Lieutenant Governor in Council under the Environmental Protection Act in Reg. 1834.
31. Licensees must complete and return annual statistics to the Aquaculture Licensing Administrator before the Licence will be considered for renewal.
32. Licensees must provide all required annual reports, statistics, and any other reports required by the department within the timelines directed by the department in order for the licence to be considered for annual validation and renewal.
33. The Department of Fisheries, Forestry and Agriculture retains the right to disclose any or all information collected from licensees.

AQUACULTURE LICENCE

LICENCE NUMBER: AQ20-LIC-1143

NAME: Grieg Marine NL Ltd.

ADDRESS: 205 McGettigan Blvd., P.O. Box 457, Marystown NL A0E 2M0

Is duly authorized to culture the species of marine plants and/or animals stated herein.

LICENCE	SPECIES
Commercial	Atlantic Salmon

This licence is issued in accordance with the Aquaculture Act, Chapter A-13 of The Revised Statutes of Newfoundland and Labrador, 1990, and the regulations made thereunder, as well as departmental policy documents. It is subject to the following terms and conditions.

- That an annual fee of \$36,474.03 to be paid each year;
- That culture of the above listed species be confined to:

Chamber Island

Latitude: 47.5778°

Longitude: -54.3505°

Hectares: 251.545

(General description of site location)

and as specified by Water Use Approval document No. MAWUL-22-12297 as issued by Department of Environment and Climate Change.

and as specified by NPP Approval No. 2020-201904 as issued by Transport Canada.

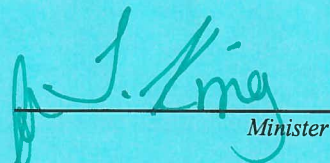
and as specified by Lease No. 156630 as issued by Department of Fisheries, Forestry and Agriculture.

- That aquaculture shall be conducted with due diligence, in a reasonable manner and in accordance with good husbandry practices, and;
- Any other terms and conditions attached.

This licence expires 03/31/2026

APR 19 2022

Issued Date



Minister

AQUACULTURE LICENCE

LICENCE NUMBER: AQ20-LIC-1143

Licence Conditions:

1. Licensees must comply with all directives, policies and/or management strategies issued by the Department of Fisheries, Forestry and Agriculture.
2. Licensees must abide by the requirements of the Bay Management Area Agreement.
3. Licensees must abide by the requirements of The Code of Containment for the Culture of Salmonids in Newfoundland and Labrador.
4. Licensees are required to have a Licensed Designated Veterinarian and follow the Aquatic Animal Health Surveillance Plans as outlined in the Aquaculture Policy and Procedures Manual.
5. Licensees must provide to Fisheries, Forestry and Agriculture, an Emergency Recapture Licence issued by Fisheries and Oceans Canada, prior to the recapture of cultured fish.
6. Licensees must implement mitigation measures to prevent mortality events. Mitigation measures must be approved by Fisheries, Forestry and Agriculture and include, but are not limited to, installation of nets that are a minimum of 20m, aeration devices and optimal farmed fish stocking density. Stocking of sites must not commence until departmental approval is granted. Licensees requesting a variance of less than 20m net depth must submit supporting evidence of geophysical and biophysical site characteristics and proof of alternate mitigation measures to Fisheries, Forestry and Agriculture for review and approval.
7. Licensees must report to the Assistant Deputy Minister, Fisheries and Aquaculture, immediately through verbal notification and in writing, no later than 24 hours, all incident events that cause harm or an imminent threat to farmed finfish, marine installations or structures or vessels including any event that impairs the function of any equipment required to sustain aquatic fish health and prevention of escape, and any other event deemed to be reportable by the department.
8. Licensees must report any abnormal mortality events, including the number of fish mortalities, within 24 hours of the event occurring to the Aquatic Animal Health Division and the Aquaculture Development Division of the Department of Fisheries, Forestry and Agriculture. The operator is required to submit to the Chief Aquaculture Veterinarian (CAV) and the Director of Aquaculture Development, Standard Operating Procedures (SOPs) for abnormal mortality removal for departmental review and approval. It is the licensees responsibility to seek approval of SOPs from other agencies with jurisdictional responsibilities. Public reporting is not dependent upon SOP approval.
9. For any abnormal mortality events, licensees must provide written updates to the Chief Aquaculture Veterinarian and the Director of Aquaculture Development every 10 days following the initial report. When the abnormal mortality event and removal operations are complete the final numbers of fish removed are to be reported in writing to the CAV and the Director of Aquaculture Development, and any other information deemed by the department to be reportable.
10. Licensees must update the department within 30 days of any production changes due to a depopulation, mass mortality or other incident event.
11. Licensees are required to publicly report suspected escapes within 24 hours of the detection on their corporate or industry association website.
12. Licensees are required to publicly report confirmed federally Reportable Diseases within 24 hours of the confirmation on their corporate or industry association website.

AQUACULTURE LICENCE

LICENCE NUMBER: AQ20-LIC-1143

13. Licensees must follow the Aquaculture Operator Incident Reporting Guidelines as prescribed by the department.
14. Licensees must report all escape events, quarantine or depopulation orders or directives issued by the Provincial Government to the public on their corporate or industry association website within 24 hours of escape confirmation or the quarantine or depopulation orders or directive being given. Licensees are required to maintain record of escape events.
15. Licensees are required to submit sea lice abundance numbers to the Aquatic Animal Health Division using an agreed upon third party database on a monthly basis starting at spring of each year and report sea lice abundance numbers publicly on a monthly basis on the industry association or corporate website.
16. Licensees must abide by the Incident Management System plan approved and on file with the department. This Incident Management System plan must be effective, and include processes for internal reporting and analysis of hazards, incident events and for taking corrective actions to prevent their reoccurrence. Any changes to the system must be reviewed and approved by applicable agencies with jurisdictional authority and the department.
17. Licensees must abide by all required plans that are approved and on file with the department. These plans include, but are not limited to: Environmental and Waste Management Plan; Fish Disposal Plan, and Fish Health Management Plan (includes Biosecurity Plan and Integrated Pest Management Plan).
18. Licensees must complete an annual report as per the Federal Aquaculture Activities Regulations, Section 16 (detailed on the Aquaculture Activities Regulations Guidance Document, Annex 1: AAR Reporting Template).
19. Licensees must ensure any transfer of fish into Newfoundland and Labrador via well boat, vessel or vehicle adhere to biosecurity policies contained within the Aquaculture Policy and Procedures Manual.
20. Licensees must ensure any transfer of equipment into Newfoundland and Labrador adhere to biosecurity policies contained within the Aquaculture Policy and Procedures Manual.
21. Licensees must ensure that all fish transferred from hatcheries to aquaculture sites/facilities are vaccinated against known fish pathogens of concern.
22. Licensees must ensure that all feed bags are secured to prevent loss at sea immediately after being emptied of feed as per departmental policy on feed bag handling.
23. Licensees must ensure that a security bond is established and in accordance with departmental requirements.
24. Licensees may allow access to their sites to licensed commercial lobster fishers with the exception of when a site is quarantined. An access agreement is to be established with fishers involved with the traditional lobster fishery.
25. Licensees must ensure product harvested from sites is processed in a facility licensed in accordance with the requirements of the Fish Inspection Act (RSNL 1990 Chapter F-12) and regulations.

AQUACULTURE LICENCE

LICENCE NUMBER: AQ20-LIC-1143

26. Licensees must ensure finfish aquaculture cage and bird stands are marked in accordance with appropriate coding GSF. The code markings must be legible, with white letters on a black background, with each letter being a minimum 15 cm in height and 7.5 cm in width. Cage and bird stand markings must be located vertically on the outside of 4 stanchions that are equidistant apart.
27. Licensees must mark finfish aquaculture cage and bird stands with a 10 cm by 60 cm band of yellow retroreflective tape in 4 locations on the outside of the top rail, equidistant apart.
28. Licensees are required to submit quarterly biophysical data to both the Aquaculture Development and the Aquatic Animal Health Divisions of the Department of Fisheries, Forestry and Agriculture. Biophysical data submitted must include daily records for all active aquaculture marine sites which includes dissolved oxygen, temperature and salinity at different depths.
29. Licensee must complete and maintain records for below surface cage inspections every 30 days.
30. Licensees shall comply with all environmental release terms and conditions as advised by the Minister of Environment and Climate Change and approved by the Lieutenant Governor in Council under the Environmental Protection Act in Reg. 1834.
31. Licensees must complete and return annual statistics to the Aquaculture Licensing Administrator before the Licence will be considered for renewal.
32. Licensees must provide all required annual reports, statistics, and any other reports required by the department within the timelines directed by the department in order for the licence to be considered for annual validation and renewal.
33. The Department of Fisheries, Forestry and Agriculture retains the right to disclose any or all information collected from licensees.

AQUACULTURE LICENCE

LICENCE NUMBER: AQ15-LIC-0865

NAME: Northern Harvest Sea Farms Newfoundland Ltd.

ADDRESS: 183 Main Street, P.O. Box 190, St. Alban's NL A0H2E0

Is duly authorized to culture the species of marine plants and/or animals stated herein.

LICENCE	SPECIES
Commercial	Atlantic Cod
Commercial	Atlantic Salmon
Commercial	Lumpfish
Commercial	Cunners

This licence is issued in accordance with the Aquaculture Act, Chapter A-13 of The Revised Statutes of Newfoundland and Labrador, 1990, and the regulations made thereunder, as well as departmental policy documents. It is subject to the following terms and conditions.

- That an annual fee of **\$4,489.20** to be paid each year;
- That culture of the above listed species be confined to:

Ironskull Point

Latitude: 47.5681°

Longitude: 55.4032°

Hectares: 30.96

(General description of site location)

and as specified by Water Use Approval document No. MAWUL-19-10405 as issued by Department of Municipal Affairs and Environment.

and as specified by NPP Approval No. BWA 8200-08-1065 as issued by Transport Canada.

and as specified by Lease No. C-118647 as issued by Department of Fisheries and Land Resources.

- That aquaculture shall be conducted with due diligence, in a reasonable manner and in accordance with good husbandry practices, and;
- Any other terms and conditions attached.

This licence expires 03/31/2025

FEB 10 2020

Issued Date

Minister

AQUACULTURE LICENCE

LICENCE NUMBER: AQ15-LIC-0865

Licence Conditions:

1. Licensees must comply with all directives, policies and/or management strategies issued by the Department of Fisheries and Land Resources.
2. Prior to October 2020, licensees must implement mitigation measures to prevent mortality events. Mitigation measures must be approved by Fisheries and Land Resources and include, but are not limited to, installation of nets that are a minimum of 20m, aeration devices and optimal farmed fish stocking density. Stocking of sites must not commence until departmental approval is granted. Licensees requesting a variance of less than 20m net depth must submit supporting evidence of geophysical and biophysical site characteristics and proof of alternate mitigation measures to Fisheries and Land Resources for review and approval.
3. For any abnormal mortality events, licensees must provide written updates to the Chief Aquaculture Veterinarian and the Director of Aquaculture Development every 10 days following the initial report. When the incident event and removal operations are complete the final numbers of fish removed are to be reported in writing to the CAV and the Director of Aquaculture Development, and any other information deemed by the department to be reportable.
4. Licensees must update the department within 30 days of any production changes due to a depopulation, mass mortality or other incident event.
5. Licensees are required to submit quarterly biophysical data to both the Aquaculture Development and the Aquatic Animal Health Divisions of the Department of Fisheries and Land Resources. Biophysical data submitted must include daily records for all active aquaculture marine sites which includes dissolved oxygen, temperature and salinity at different depths.
6. Licensees are required to publicly report suspected escapes within 24 hours of the detection on their corporate or industry association website.
7. Licensees are required to publicly report the detection of federally Reportable Diseases within 24 hours of the detection on their corporate or industry association website.
8. As of January 1, 2021, licensees are required to report sea lice abundance numbers to the department on a monthly basis and post sea lice abundance numbers publicly on a monthly basis on the industry association or corporate website. Further details as to sea lice reporting parameters will be determined through stakeholder engagement, prior to this date.
9. The Department of Fisheries and Land Resources retains the right to disclose any or all information collected from licensees.
10. Licensees must provide proof of an Incident Management System. This Incident Management System must be effective, and include processes for internal reporting and analysis of hazards, incident events and for taking corrective actions to prevent their reoccurrence. The system must be reviewed and approved by applicable agencies with jurisdictional authority and the department.
11. Licensees must report to the Assistant Deputy Minister, Fisheries and Aquaculture immediately through verbal notification and in writing, no later than 24 hours, all events that cause abnormal mortality, harm or an imminent threat to farmed finfish, marine installations or structures or vessels including any event that impairs the function of any equipment required to sustain aquatic fish health and prevention of escape, and any other event deemed to be reportable by the department.

AQUACULTURE LICENCE

LICENCE NUMBER: AQ15-LIC-0865

12. Licensees must report any abnormal mortality events within 24 hours of the event occurring to the Aquatic Animal Health Division and the Aquaculture Development Division of the Department of Fisheries and Land Resources. The operator is required to submit to the Chief Aquaculture Veterinarian (CAV) and the Director of Aquaculture Development, Standard Operating Procedures (SOPs) for abnormal mortality removal for departmental review and approval, and must demonstrate that other agencies with jurisdictional responsibilities have approved the SOPs.
13. Licensees must publicly report within 24 hours through public communication acceptable to the department, and their corporate or industry association website, all events that cause abnormal mortality, harm or an imminent threat to farmed finfish, marine installations or structures or vessels including any event that impairs the function of any equipment required to sustain aquatic fish health and prevention of escape, and any other event deemed to be reportable by the department.
14. Licensees may allow access to their sites to licensed commercial lobster fishers with the exception of when a site is quarantined. An access agreement is to be established with fishers involved with the traditional lobster fishery.
15. Licensees are required to ensure that all feed bags are secured to prevent loss at sea immediately after being emptied of feed as per departmental policy on feed bag handling.
16. Licensees must ensure any transfer of fish into Newfoundland and Labrador via well boat, vessel or vehicle adhere to biosecurity policies contained within the Aquaculture Policy and Procedures Manual.
17. Licensees must ensure any transfer of equipment into Newfoundland and Labrador adhere to biosecurity policies contained within the Aquaculture Policy and Procedures Manual.
18. Licensee must complete and maintain records for below surface cage inspections every 30 days.
19. Licensees must provide to Fisheries and Land Resources, an Emergency Recapture Licence issued by Fisheries and Oceans Canada, prior to the recapture of cultured fish.
20. Licensees must ensure that all required plans are approved by the department. These plans include, but are not limited to: Environmental and Waste Management Plan; Integrated Pest Management Plan; Biosecurity Plan; and Fish Health Management Plan.
21. Licensees must report all escape events, quarantine or depopulation orders or directives issued by the Provincial Government to the public on their corporate or industry association website within 24 hours of escape confirmation or the quarantine or depopulation orders or directive being given. Licensees are required to maintain record of escape events.
22. Licensees must ensure that a security bond is established and in accordance with departmental requirements.
23. Licensees must abide by the requirements of the Bay Management Area Agreement.
24. Licensees must abide by the requirements of The Code of Containment for the Culture of Salmonids in Newfoundland and Labrador.
25. Licensees must ensure product harvested from sites is processed in a facility licensed in accordance with the requirements of the Fish Inspection Act (RSNL 1990 Chapter F-12) and regulations.

AQUACULTURE LICENCE

LICENCE NUMBER: AQ15-LIC-0865

26. Licensees must ensure finfish aquaculture cage and bird stands are marked in accordance with appropriate coding NHSF. The code markings must be legible, with white letters on a black background, with each letter being a minimum 15 cm in height and 7.5 cm in width. Cage and bird stand markings must be located vertically on the outside of 4 stanchions that are equidistant apart.
27. Licensees must mark finfish aquaculture cage and bird stands with a 10 cm by 60 cm band of yellow retroreflective tape in 4 locations on the outside of the top rail, equidistant apart.
28. Licensees must complete an annual report as per the Federal Aquaculture Activities Regulations, Section 16 (detailed on the Aquaculture Activities Regulations Guidance Document, Annex 1: AAR Reporting Template).
29. Licensees must ensure that all fish transferred from hatcheries to aquaculture sites/facilities are vaccinated against known fish pathogens.
30. Licensees must complete and return annual statistics to the Aquaculture Licensing Administrator before the Licence will be considered for renewal.
31. Licensees must provide all required annual reports, statistics, and any other reports required by the department within the timelines directed by the department in order for the licence to be considered for annual validation and renewal.

AQUACULTURE LICENCE

LICENCE NUMBER: AQ15-LIC-0883

NAME: Northern Harvest Sea Farms Newfoundland Ltd.

ADDRESS: 183 Main Street, P.O. Box 190, St. Alban's NL A0H2E0

Is duly authorized to culture the species of marine plants and/or animals stated herein.

LICENCE	SPECIES
Commercial	Atlantic Salmon
Commercial	Lumpfish
Commercial	Cunners

This licence is issued in accordance with the Aquaculture Act, Chapter A-13 of The Revised Statutes of Newfoundland and Labrador, 1990, and the regulations made thereunder, as well as departmental policy documents. It is subject to the following terms and conditions.

- That an annual fee of **\$2,900.00** to be paid each year;
- That culture of the above listed species be confined to:

Cinq Island Cove, Belle Bay

Latitude: 47.381°

Longitude: 55.279°

Hectares: 20

(General description of site location)

and as specified by Water Use Approval document No. MAWUL-19-10384 as issued by Department of Municipal Affairs and Environment.

and as specified by NPP Approval No. BWA 8200-01-1397 as issued by Transport Canada.

and as specified by Lease No. C-118707 as issued by Department of Fisheries and Land Resources.

- That aquaculture shall be conducted with due diligence, in a reasonable manner and in accordance with good husbandry practices, and;
- Any other terms and conditions attached.

This licence expires 03/31/2025

FEB 10 2020

Issued Date



Minister

AQUACULTURE LICENCE

LICENCE NUMBER: AQ15-LIC-0883

Licence Conditions:

1. Licensees must comply with all directives, policies and/or management strategies issued by the Department of Fisheries and Land Resources.
2. Prior to October 2020, licensees must implement mitigation measures to prevent mortality events. Mitigation measures must be approved by Fisheries and Land Resources and include, but are not limited to, installation of nets that are a minimum of 20m, aeration devices and optimal farmed fish stocking density. Stocking of sites must not commence until departmental approval is granted. Licensees requesting a variance of less than 20m net depth must submit supporting evidence of geophysical and biophysical site characteristics and proof of alternate mitigation measures to Fisheries and Land Resources for review and approval.
3. For any abnormal mortality events, licensees must provide written updates to the Chief Aquaculture Veterinarian and the Director of Aquaculture Development every 10 days following the initial report. When the incident event and removal operations are complete the final numbers of fish removed are to be reported in writing to the CAV and the Director of Aquaculture Development, and any other information deemed by the department to be reportable.
4. Licensees must update the department within 30 days of any production changes due to a depopulation, mass mortality or other incident event.
5. Licensees are required to submit quarterly biophysical data to both the Aquaculture Development and the Aquatic Animal Health Divisions of the Department of Fisheries and Land Resources. Biophysical data submitted must include daily records for all active aquaculture marine sites which includes dissolved oxygen, temperature and salinity at different depths.
6. Licensees are required to publicly report suspected escapes within 24 hours of the detection on their corporate or industry association website.
7. Licensees are required to publicly report the detection of federally Reportable Diseases within 24 hours of the detection on their corporate or industry association website.
8. As of January 1, 2021, licensees are required to report sea lice abundance numbers to the department on a monthly basis and post sea lice abundance numbers publicly on a monthly basis on the industry association or corporate website. Further details as to sea lice reporting parameters will be determined through stakeholder engagement, prior to this date.
9. The Department of Fisheries and Land Resources retains the right to disclose any or all information collected from licensees.
10. Licensees must provide proof of an Incident Management System. This Incident Management System must be effective, and include processes for internal reporting and analysis of hazards, incident events and for taking corrective actions to prevent their reoccurrence. The system must be reviewed and approved by applicable agencies with jurisdictional authority and the department.
11. Licensees must report to the Assistant Deputy Minister, Fisheries and Aquaculture immediately through verbal notification and in writing, no later than 24 hours, all events that cause abnormal mortality, harm or an imminent threat to farmed finfish, marine installations or structures or vessels including any event that impairs the function of any equipment required to sustain aquatic fish health and prevention of escape, and any other event deemed to be reportable by the department.

AQUACULTURE LICENCE

LICENCE NUMBER: AQ15-LIC-0883

12. Licensees must report any abnormal mortality events within 24 hours of the event occurring to the Aquatic Animal Health Division and the Aquaculture Development Division of the Department of Fisheries and Land Resources. The operator is required to submit to the Chief Aquaculture Veterinarian (CAV) and the Director of Aquaculture Development, Standard Operating Procedures (SOPs) for abnormal mortality removal for departmental review and approval, and must demonstrate that other agencies with jurisdictional responsibilities have approved the SOPs.
13. Licensees must publicly report within 24 hours through public communication acceptable to the department, and their corporate or industry association website, all events that cause abnormal mortality, harm or an imminent threat to farmed finfish, marine installations or structures or vessels including any event that impairs the function of any equipment required to sustain aquatic fish health and prevention of escape, and any other event deemed to be reportable by the department.
14. Licensees may allow access to their sites to licensed commercial lobster fishers with the exception of when a site is quarantined. An access agreement is to be established with fishers involved with the traditional lobster fishery.
15. Licensees are required to ensure that all feed bags are secured to prevent loss at sea immediately after being emptied of feed as per departmental policy on feed bag handling.
16. Licensees must ensure any transfer of fish into Newfoundland and Labrador via well boat, vessel or vehicle adhere to biosecurity policies contained within the Aquaculture Policy and Procedures Manual.
17. Licensees must ensure any transfer of equipment into Newfoundland and Labrador adhere to biosecurity policies contained within the Aquaculture Policy and Procedures Manual.
18. Licensee must complete and maintain records for below surface cage inspections every 30 days.
19. Licensees must provide to Fisheries and Land Resources, an Emergency Recapture Licence issued by Fisheries and Oceans Canada, prior to the recapture of cultured fish.
20. Licensees must ensure that all required plans are approved by the department. These plans include, but are not limited to: Environmental and Waste Management Plan; Integrated Pest Management Plan; Biosecurity Plan; and Fish Health Management Plan.
21. Licensees must report all escape events, quarantine or depopulation orders or directives issued by the Provincial Government to the public on their corporate or industry association website within 24 hours of escape confirmation or the quarantine or depopulation orders or directive being given. Licensees are required to maintain record of escape events.
22. Licensees must ensure that a security bond is established and in accordance with departmental requirements.
23. Licensees must abide by the requirements of the Bay Management Area Agreement.
24. Licensees must abide by the requirements of The Code of Containment for the Culture of Salmonids in Newfoundland and Labrador.
25. Licensees must ensure product harvested from sites is processed in a facility licensed in accordance with the requirements of the Fish Inspection Act (RSNL 1990 Chapter F-12) and regulations.

AQUACULTURE LICENCE

LICENCE NUMBER: AQ15-LIC-0883

26. Licensees must ensure finfish aquaculture cage and bird stands are marked in accordance with appropriate coding NHSF. The code markings must be legible, with white letters on a black background, with each letter being a minimum 15 cm in height and 7.5 cm in width. Cage and bird stand markings must be located vertically on the outside of 4 stanchions that are equidistant apart.
27. Licensees must mark finfish aquaculture cage and bird stands with a 10 cm by 60 cm band of yellow retroreflective tape in 4 locations on the outside of the top rail, equidistant apart.
28. Licensees must complete an annual report as per the Federal Aquaculture Activities Regulations, Section 16 (detailed on the Aquaculture Activities Regulations Guidance Document, Annex 1: AAR Reporting Template).
29. Licensees must ensure that all fish transferred from hatcheries to aquaculture sites/facilities are vaccinated against known fish pathogens.
30. Licensees must complete and return annual statistics to the Aquaculture Licensing Administrator before the Licence will be considered for renewal.
31. Licensees must provide all required annual reports, statistics, and any other reports required by the department within the timelines directed by the department in order for the licence to be considered for annual validation and renewal.

AQUACULTURE LICENCE

LICENCE NUMBER: AQ15-LIC-0944

NAME: Cold Ocean Salmon Inc.

ADDRESS: 1 Boys Road, P.O. Box 59, Hermitage NL A0H1S0

Is duly authorized to culture the species of marine plants and/or animals stated herein.

LICENCE	SPECIES
Commercial	Steelhead

This licence is issued in accordance with the Aquaculture Act, Chapter A-13 of The Revised Statutes of Newfoundland and Labrador, 1990, and the regulations made thereunder, as well as departmental policy documents. It is subject to the following terms and conditions.

- That an annual fee of **\$3,296.31** to be paid each year;
- That culture of the above listed species be confined to:

Margery Cove

Latitude: 47.7667°

Longitude: 55.9083°

Hectares: 22.7332

(General description of site location)

and as specified by Water Use Approval document No. WUL-09-007 as issued by Department of Municipal Affairs and Environment.

and as specified by NPP Approval No. BWA 8200-02-1291 as issued by Transport Canada.

and as specified by Lease No. 122941 as issued by Department of Fisheries and Land Resources.

- That aquaculture shall be conducted with due diligence, in a reasonable manner and in accordance with good husbandry practices, and;
- Any other terms and conditions attached.

This licence expires 03/31/2025

APR 09 2019

Issued Date

Minister

AQUACULTURE LICENCE

LICENCE NUMBER: AQ15-LIC-0944

Licence Conditions:

1. The licensee shall comply with all directives, policies and/or management strategies issued by the Department of Fisheries and Land Resources.
2. All fish transferred from hatcheries to this site must be vaccinated against known fish pathogens and in a manner approved by the AAHD.
3. Product harvested from this site must be processed in a facility licensed in accordance with the requirements of the Fish Inspection Act (RSNL 1990 Chapter F-12) and Regulations.
4. The licensee is required to complete an annual report as per the Federal Aquaculture Activity Regulations, Section 16 (detailed on the Aquaculture Activity Regulations Guidance Document, Annex 1: AAR Reporting Template).
5. The licensee must provide access to lobster fishers who have traditionally fished on this site.
6. Mortality and morbidity events greater than 0.05% per day for three consecutive days or greater than 4000 kg or 2% of the inventory over a 24 hour period or greater than 10,000 kg or 5% of the inventory over a 5 day period are to be immediately reported to the AAHD.
7. Any transfer of fish into Newfoundland and Labrador via well boat or truck will require the licensee to follow all biosecurity protocols established by the AAHD. The licensee must allow on-site auditing of the well boat or truck for protocol adherence by AAHD staff. Well boat transfers must have a well-defined course of navigation to minimize interactions with adjacent aquaculture operations. The navigation course may be subject to review by the AAHD.
8. The licensee is required to advise the AAHD of any used equipment or material being brought into the province for use on the farm site. The licensee is required to clean and disinfect this equipment according to disinfection protocols as outlined and specified by the AAHD.
9. Each finfish aquaculture cage and bird stand must be marked with the following three letter code CAI. The code markings must be legible, with white letters on a black background, with each letter being a minimum 15 cm in height and 7.5 cm in width. Cage and bird stand markings must be located vertically on the outside of 4 stanchions that are equidistant apart.
10. Each finfish aquaculture cage and bird stand must be marked with a 10 cm by 60 cm band of yellow retro-reflective tape in 4 locations on the outside of the top rail, equidistant apart.
11. Annual statistics are to be completed and returned to the Aquaculture Licensing Administrator before this license will be considered for renewal.



DOC/2020/00853

Government of Newfoundland and Labrador
Department of Fisheries and Land Resources

AQUACULTURE LICENCE

LICENCE NUMBER: AQ19-LIC-1134

NAME: Marine Harvest Atlantic Canada Inc.
ADDRESS: P.O. Box 460, St. Alban's NL A0H2E0

Is duly authorized to culture the species of marine plants and/or animals stated herein.

LICENCE	SPECIES
Commercial	Atlantic Salmon
Commercial	Lumpfish
Commercial	Cunners

This licence is issued in accordance with the Aquaculture Act, Chapter A-13 of The Revised Statutes of Newfoundland and Labrador, 1990, and the regulations made thereunder, as well as departmental policy documents. It is subject to the following terms and conditions.

- That an annual fee of \$12,871.04 to be paid each year;
- That culture of the above listed species be confined to:

Little Bay

Latitude: 47.6295° Longitude: -56.6660° Hectares: 88.7658

(General description of site location)

and as specified by Water Use Approval document No. MAWUL/P-18-9966 as issued by Department of Municipal Affairs and Environment.

and as specified by NPP Approval No. 2018-200137 as issued by Transport Canada.

and as specified by Lease No. 154559 as issued by Department of Fisheries and Land Resources.

- That aquaculture shall be conducted with due diligence, in a reasonable manner and in accordance with good husbandry practices, and;
- Any other terms and conditions attached.

This licence expires 03/31/2025

FEB 14 2020

Issued Date

Minister

AQUACULTURE LICENCE

LICENCE NUMBER: AQ19-LIC-1134

Licence Conditions:

1. Licensees must comply with all directives, policies and/or management strategies issued by the Department of Fisheries and Land Resources.
2. Prior to October 2020, licensees must implement mitigation measures to prevent mortality events. Mitigation measures must be approved by Fisheries and Land Resources and include, but are not limited to, installation of nets that are a minimum of 20m, aeration devices and optimal farmed fish stocking density. Stocking of sites must not commence until departmental approval is granted. Licensees requesting a variance of less than 20m net depth must submit supporting evidence of geophysical and biophysical site characteristics and proof of alternate mitigation measures to Fisheries and Land Resources for review and approval.
3. For any abnormal mortality events, licensees must provide written updates to the Chief Aquaculture Veterinarian and the Director of Aquaculture Development every 10 days following the initial report. When the incident event and removal operations are complete the final numbers of fish removed are to be reported in writing to the CAV and the Director of Aquaculture Development, and any other information deemed by the department to be reportable.
4. Licensees must update the department within 30 days of any production changes due to a depopulation, mass mortality or other incident event.
5. Licensees are required to submit quarterly biophysical data to both the Aquaculture Development and the Aquatic Animal Health Divisions of the Department of Fisheries and Land Resources. Biophysical data submitted must include daily records for all active aquaculture marine sites which includes dissolved oxygen, temperature and salinity at different depths.
6. Licensees are required to publicly report suspected escapes within 24 hours of the detection on their corporate or industry association website.
7. Licensees are required to publicly report the detection of federally Reportable Diseases within 24 hours of the detection on their corporate or industry association website.
8. As of January 1, 2021, licensees are required to report sea lice abundance numbers to the department on a monthly basis and post sea lice abundance numbers publicly on a monthly basis on the industry association or corporate website. Further details as to sea lice reporting parameters will be determined through stakeholder engagement, prior to this date.
9. The Department of Fisheries and Land Resources retains the right to disclose any or all information collected from licensees.
10. Licensees must provide proof of an Incident Management System. This Incident Management System must be effective, and include processes for internal reporting and analysis of hazards, incident events and for taking corrective actions to prevent their reoccurrence. The system must be reviewed and approved by applicable agencies with jurisdictional authority and the department.
11. Licensees must report to the Assistant Deputy Minister, Fisheries and Aquaculture immediately through verbal notification and in writing, no later than 24 hours, all events that cause abnormal mortality, harm or an imminent threat to farmed finfish, marine installations or structures or vessels including any event that impairs the function of any equipment required to sustain aquatic fish health and prevention of escape, and any other event deemed to be reportable by the department.

AQUACULTURE LICENCE

LICENCE NUMBER: AQ19-LIC-1134

12. Licensees must report any abnormal mortality events within 24 hours of the event occurring to the Aquatic Animal Health Division and the Aquaculture Development Division of the Department of Fisheries and Land Resources. The operator is required to submit to the Chief Aquaculture Veterinarian (CAV) and the Director of Aquaculture Development, Standard Operating Procedures (SOPs) for abnormal mortality removal for departmental review and approval, and must demonstrate that other agencies with jurisdictional responsibilities have approved the SOPs.
13. Licensees must publicly report within 24 hours through public communication acceptable to the department, and their corporate or industry association website, all events that cause abnormal mortality, harm or an imminent threat to farmed finfish, marine installations or structures or vessels including any event that impairs the function of any equipment required to sustain aquatic fish health and prevention of escape, and any other event deemed to be reportable by the department.
14. Licensees may allow access to their sites to licensed commercial lobster fishers with the exception of when a site is quarantined. An access agreement is to be established with fishers involved with the traditional lobster fishery.
15. Licensees are required to ensure that all feed bags are secured to prevent loss at sea immediately after being emptied of feed as per departmental policy on feed bag handling.
16. Licensees must ensure any transfer of fish into Newfoundland and Labrador via well boat, vessel or vehicle adhere to biosecurity policies contained within the Aquaculture Policy and Procedures Manual.
17. Licensees must ensure any transfer of equipment into Newfoundland and Labrador adhere to biosecurity policies contained within the Aquaculture Policy and Procedures Manual.
18. Licensee must complete and maintain records for below surface cage inspections every 30 days.
19. Licensees must provide to Fisheries and Land Resources, an Emergency Recapture Licence issued by Fisheries and Oceans Canada, prior to the recapture of cultured fish.
20. Licensees must ensure that all required plans are approved by the department. These plans include, but are not limited to: Environmental and Waste Management Plan; Integrated Pest Management Plan; Biosecurity Plan; and Fish Health Management Plan.
21. Licensees must report all escape events, quarantine or depopulation orders or directives issued by the Provincial Government to the public on their corporate or industry association website within 24 hours of escape confirmation or the quarantine or depopulation orders or directive being given. Licensees are required to maintain record of escape events.
22. Licensees must ensure that a security bond is established and in accordance with departmental requirements.
23. Licensees must abide by the requirements of the Bay Management Area Agreement.
24. Licensees must abide by the requirements of The Code of Containment for the Culture of Salmonids in Newfoundland and Labrador.
25. Licensees must ensure product harvested from sites is processed in a facility licensed in accordance with the requirements of the Fish Inspection Act (RSNL 1990 Chapter F-12) and regulations.

AQUACULTURE LICENCE

LICENCE NUMBER: AQ19-LIC-1134

26. Licensees must ensure finfish aquaculture cage and bird stands are marked in accordance with appropriate coding MHAC. The code markings must be legible, with black letters on a white background, with each letter being a minimum 15 cm in height and 7.5 cm in width. Cage and bird stand markings must be located vertically on the outside of 4 stanchions that are equidistant apart.
27. Licensees must mark finfish aquaculture cage and bird stands with a 10 cm by 60 cm band of yellow retroreflective tape in 4 locations on the outside of the top rail, equidistant apart.
28. Licensees must complete an annual report as per the Federal Aquaculture Activities Regulations, Section 16 (detailed on the Aquaculture Activities Regulations Guidance Document, Annex 1: AAR Reporting Template).
29. Licensees must ensure that all fish transferred from hatcheries to aquaculture sites/facilities are vaccinated against known fish pathogens.
30. Licensees must complete and return annual statistics to the Aquaculture Licensing Administrator before the Licence will be considered for renewal.
31. Licensees must provide all required annual reports, statistics, and any other reports required by the department within the timelines directed by the department in order for the licence to be considered for annual validation and renewal.

AQUACULTURE LICENCE

LICENCE NUMBER: AQ19-LIC-1133

NAME: Marine Harvest Atlantic Canada Inc.

ADDRESS: P.O. Box 460, St. Alban's NL A0H2E0

Is duly authorized to culture the species of marine plants and/or animals stated herein.

LICENCE	SPECIES
Commercial	Atlantic Salmon
Commercial	Lumpfish
Commercial	Cunners

This licence is issued in accordance with the Aquaculture Act, Chapter A-13 of The Revised Statutes of Newfoundland and Labrador, 1990, and the regulations made thereunder, as well as departmental policy documents. It is subject to the following terms and conditions.

- That an annual fee of **\$13,841.82** to be paid each year;
- That culture of the above listed species be confined to:

Devil Bay

Latitude: 47.6368°

Longitude: -56.6149°

Hectares: 95.4608

(General description of site location)

and as specified by Water Use Approval document No. MAWUL/P-18-9964 as issued by Department of Municipal Affairs and Environment.

and as specified by NPP Approval No. 2013-200065 as issued by Transport Canada.

and as specified by Lease No. 154556 as issued by Department of Fisheries and Land Resources.

- That aquaculture shall be conducted with due diligence, in a reasonable manner and in accordance with good husbandry practices, and;
- Any other terms and conditions attached.

This licence expires 03/31/2025

FEB 10 2020

Issued Date


Minister

AQUACULTURE LICENCE

LICENCE NUMBER: AQ19-LIC-1133

Licence Conditions:

1. Licensees must comply with all directives, policies and/or management strategies issued by the Department of Fisheries and Land Resources.
2. Prior to October 2020, licensees must implement mitigation measures to prevent mortality events. Mitigation measures must be approved by Fisheries and Land Resources and include, but are not limited to, installation of nets that are a minimum of 20m, aeration devices and optimal farmed fish stocking density. Stocking of sites must not commence until departmental approval is granted. Licensees requesting a variance of less than 20m net depth must submit supporting evidence of geophysical and biophysical site characteristics and proof of alternate mitigation measures to Fisheries and Land Resources for review and approval.
3. For any abnormal mortality events, licensees must provide written updates to the Chief Aquaculture Veterinarian and the Director of Aquaculture Development every 10 days following the initial report. When the incident event and removal operations are complete the final numbers of fish removed are to be reported in writing to the CAV and the Director of Aquaculture Development, and any other information deemed by the department to be reportable.
4. Licensees must update the department within 30 days of any production changes due to a depopulation, mass mortality or other incident event.
5. Licensees are required to submit quarterly biophysical data to both the Aquaculture Development and the Aquatic Animal Health Divisions of the Department of Fisheries and Land Resources. Biophysical data submitted must include daily records for all active aquaculture marine sites which includes dissolved oxygen, temperature and salinity at different depths.
6. Licensees are required to publicly report suspected escapes within 24 hours of the detection on their corporate or industry association website.
7. Licensees are required to publicly report the detection of federally Reportable Diseases within 24 hours of the detection on their corporate or industry association website.
8. As of January 1, 2021, licensees are required to report sea lice abundance numbers to the department on a monthly basis and post sea lice abundance numbers publicly on a monthly basis on the industry association or corporate website. Further details as to sea lice reporting parameters will be determined through stakeholder engagement, prior to this date.
9. The Department of Fisheries and Land Resources retains the right to disclose any or all information collected from licensees.
10. Licensees must provide proof of an Incident Management System. This Incident Management System must be effective, and include processes for internal reporting and analysis of hazards, incident events and for taking corrective actions to prevent their reoccurrence. The system must be reviewed and approved by applicable agencies with jurisdictional authority and the department.
11. Licensees must report to the Assistant Deputy Minister, Fisheries and Aquaculture immediately through verbal notification and in writing, no later than 24 hours, all events that cause abnormal mortality, harm or an imminent threat to farmed finfish, marine installations or structures or vessels including any event that impairs the function of any equipment required to sustain aquatic fish health and prevention of escape, and any other event deemed to be reportable by the department.

AQUACULTURE LICENCE

LICENCE NUMBER: AQ19-LIC-1133

12. Licensees must report any abnormal mortality events within 24 hours of the event occurring to the Aquatic Animal Health Division and the Aquaculture Development Division of the Department of Fisheries and Land Resources. The operator is required to submit to the Chief Aquaculture Veterinarian (CAV) and the Director of Aquaculture Development, Standard Operating Procedures (SOPs) for abnormal mortality removal for departmental review and approval, and must demonstrate that other agencies with jurisdictional responsibilities have approved the SOPs.
13. Licensees must publicly report within 24 hours through public communication acceptable to the department, and their corporate or industry association website, all events that cause abnormal mortality, harm or an imminent threat to farmed finfish, marine installations or structures or vessels including any event that impairs the function of any equipment required to sustain aquatic fish health and prevention of escape, and any other event deemed to be reportable by the department.
14. Licensees may allow access to their sites to licensed commercial lobster fishers with the exception of when a site is quarantined. An access agreement is to be established with fishers involved with the traditional lobster fishery.
15. Licensees are required to ensure that all feed bags are secured to prevent loss at sea immediately after being emptied of feed as per departmental policy on feed bag handling.
16. Licensees must ensure any transfer of fish into Newfoundland and Labrador via well boat, vessel or vehicle adhere to biosecurity policies contained within the Aquaculture Policy and Procedures Manual.
17. Licensees must ensure any transfer of equipment into Newfoundland and Labrador adhere to biosecurity policies contained within the Aquaculture Policy and Procedures Manual.
18. Licensee must complete and maintain records for below surface cage inspections every 30 days.
19. Licensees must provide to Fisheries and Land Resources, an Emergency Recapture Licence issued by Fisheries and Oceans Canada, prior to the recapture of cultured fish.
20. Licensees must ensure that all required plans are approved by the department. These plans include, but are not limited to: Environmental and Waste Management Plan; Integrated Pest Management Plan; Biosecurity Plan; and Fish Health Management Plan.
21. Licensees must report all escape events, quarantine or depopulation orders or directives issued by the Provincial Government to the public on their corporate or industry association website within 24 hours of escape confirmation or the quarantine or depopulation orders or directive being given. Licensees are required to maintain record of escape events.
22. Licensees must ensure that a security bond is established and in accordance with departmental requirements.
23. Licensees must abide by the requirements of the Bay Management Area Agreement.
24. Licensees must abide by the requirements of The Code of Containment for the Culture of Salmonids in Newfoundland and Labrador.
25. Licensees must ensure product harvested from sites is processed in a facility licensed in accordance with the requirements of the Fish Inspection Act (RSNL 1990 Chapter F-12) and regulations.

AQUACULTURE LICENCE

LICENCE NUMBER: AQ19-LIC-1133

26. Licensees must ensure finfish aquaculture cage and bird stands are marked in accordance with appropriate coding MHAC. The code markings must be legible, with black letters on a white background, with each letter being a minimum 15 cm in height and 7.5 cm in width. Cage and bird stand markings must be located vertically on the outside of 4 stanchions that are equidistant apart.
27. Licensees must mark finfish aquaculture cage and bird stands with a 10 cm by 60 cm band of yellow retroreflective tape in 4 locations on the outside of the top rail, equidistant apart.
28. Licensees must complete an annual report as per the Federal Aquaculture Activities Regulations, Section 16 (detailed on the Aquaculture Activities Regulations Guidance Document, Annex 1: AAR Reporting Template).
29. Licensees must ensure that all fish transferred from hatcheries to aquaculture sites/facilities are vaccinated against known fish pathogens.
30. Licensees must complete and return annual statistics to the Aquaculture Licensing Administrator before the Licence will be considered for renewal.
31. Licensees must provide all required annual reports, statistics, and any other reports required by the department within the timelines directed by the department in order for the licence to be considered for annual validation and renewal.

AQUACULTURE LICENCE

LICENCE NUMBER: AQ15-LIC-0823

NAME: Nova Fish Farms Inc

ADDRESS: P.O. Box 249, Coldwater ON L0K1E0

Is duly authorized to culture the species of marine plants and/or animals stated herein.

LICENCE	SPECIES
Commercial	Steelhead

This licence is issued in accordance with the Aquaculture Act, Chapter A-13 of The Revised Statutes of Newfoundland and Labrador, 1990, and the regulations made thereunder, as well as departmental policy documents. It is subject to the following terms and conditions.

- That an annual fee of **\$2,900.00** to be paid each year;
- That culture of the above listed species be confined to:

Arran Cove

Latitude: 47.7977°

Longitude: 55.8145°

Hectares: 20

(General description of site location)

and as specified by Water Use Approval document No. WUL-09-098 as issued by Department of Municipal Affairs and Environment.

and as specified by NPP Approval No. 8200-00-1045 as issued by Transport Canada.

and as specified by Lease No. 114862 as issued by Department of Fisheries and Land Resources.

- That aquaculture shall be conducted with due diligence, in a reasonable manner and in accordance with good husbandry practices, and;
- Any other terms and conditions attached.

This licence expires 03/31/2025

MAR 23 2019

Issued Date

Minister

AQUACULTURE LICENCE

LICENCE NUMBER: AQ15-LIC-0823

Licence Conditions:

1. The licensee shall comply with all directives, policies and/or management strategies issued by the Department of Fisheries and Land Resources.
2. All fish transferred from hatcheries to this site must be vaccinated against known fish pathogens and in a manner approved by the AAHD.
3. Product harvested from this site must be processed in a facility licensed in accordance with the requirements of the Fish Inspection Act (RSNL 1990 Chapter F-12) and Regulations.
4. The licensee is required to complete an annual report as per the Federal Aquaculture Activity Regulations, Section 16 (detailed on the Aquaculture Activity Regulations Guidance Document, Annex 1: AAR Reporting Template).
5. The licensee must provide access to lobster fishers who have traditionally fished on this site.
6. Mortality and morbidity events greater than 0.05% per day for three consecutive days or greater than 4000 kg or 2% of the inventory over a 24 hour period or greater than 10,000 kg or 5% of the inventory over a 5 day period are to be immediately reported to the AAHD.
7. Any transfer of fish into Newfoundland and Labrador via well boat or truck will require the licensee to follow all biosecurity protocols established by the AAHD. The licensee must allow on-site auditing of the well boat or truck for protocol adherence by AAHD staff. Well boat transfers must have a well-defined course of navigation to minimize interactions with adjacent aquaculture operations. The navigation course may be subject to review by the AAHD.
8. The licensee is required to advise the AAHD of any used equipment or material being brought into the province for use on the farm site. The licensee is required to clean and disinfect this equipment according to disinfection protocols as outlined and specified by the AAHD.
9. Each finfish aquaculture cage and bird stand must be marked with the following three letter code NFF. The code markings must be legible, with white letters on a black background, with each letter being a minimum 15 cm in height and 7.5 cm in width. Cage and bird stand markings must be located vertically on the outside of 4 stanchions that are equidistant apart.
10. Each finfish aquaculture cage and bird stand must be marked with a 10 cm by 60 cm band of yellow retro-reflective tape in 4 locations on the outside of the top rail, equidistant apart.
11. Annual statistics are to be completed and returned to the Aquaculture Licensing Administrator before this licence will be considered for renewal.

AQUACULTURE LICENCE

LICENCE NUMBER: AQ15-LIC-0752

NAME: Nova Fish Farms Inc

ADDRESS: P.O. Box 249, Coldwater ON L0K1E0

Is duly authorized to culture the species of marine plants and/or animals stated herein.

LICENCE	SPECIES
Commercial	Steelhead

This licence is issued in accordance with the Aquaculture Act, Chapter A-13 of The Revised Statutes of Newfoundland and Labrador, 1990, and the regulations made thereunder, as well as departmental policy documents. It is subject to the following terms and conditions.

- That an annual fee of **\$2,817.28** to be paid each year;
- That culture of the above listed species be confined to:

Hardy Cove, Bay d'Espoir

Latitude: 47.7967°

Longitude: 55.845°

Hectares: 19.4295

(General description of site location)

and as specified by Water Use Approval document No. WUL-09-099 as issued by Department of Municipal Affairs and Environment.

and as specified by NPP Approval No. BWA 8200-00-1127 as issued by Transport Canada.

and as specified by Lease No. 114688 as issued by Department of Fisheries and Land Resources.

- That aquaculture shall be conducted with due diligence, in a reasonable manner and in accordance with good husbandry practices, and;
- Any other terms and conditions attached.

This licence expires 03/31/2025

MAR 23 2019

Issued Date



Minister

AQUACULTURE LICENCE

LICENCE NUMBER: AQ15-LIC-0752

Licence Conditions:

1. The licensee shall comply with all directives, policies and/or management strategies issued by the Department of Fisheries and Land Resources.
2. All fish transferred from hatcheries to this site must be vaccinated against known fish pathogens and in a manner approved by the AAHD.
3. Product harvested from this site must be processed in a facility licensed in accordance with the requirements of the Fish Inspection Act (RSNL 1990 Chapter F-12) and Regulations.
4. The licensee is required to complete an annual report as per the Federal Aquaculture Activity Regulations, Section 16 (detailed on the Aquaculture Activity Regulations Guidance Document, Annex I: AAR Reporting Template).
5. The licensee must provide access to lobster fishers who have traditionally fished on this site.
6. Mortality and morbidity events greater than 0.05% per day for three consecutive days or greater than 4000 kg or 2% of the inventory over a 24 hour period or greater than 10,000 kg or 5% of the inventory over a 5 day period are to be immediately reported to the AAHD.
7. Any transfer of fish into Newfoundland and Labrador via well boat or truck will require the licensee to follow all biosecurity protocols established by the AAHD. The licensee must allow on-site auditing of the well boat or truck for protocol adherence by AAHD staff. Well boat transfers must have a well-defined course of navigation to minimize interactions with adjacent aquaculture operations. The navigation course may be subject to review by the AAHD.
8. The licensee is required to advise the AAHD of any used equipment or material being brought into the province for use on the farm site. The licensee is required to clean and disinfect this equipment according to disinfection protocols as outlined and specified by the AAHD.
9. Each finfish aquaculture cage and bird stand must be marked with the following three letter code NFF. The code markings must be legible, with white letters on a black background, with each letter being a minimum 15 cm in height and 7.5 cm in width. Cage and bird stand markings must be located vertically on the outside of 4 stanchions that are equidistant apart.
10. Each finfish aquaculture cage and bird stand must be marked with a 10 cm by 60 cm band of yellow retro-reflective tape in 4 locations on the outside of the top rail, equidistant apart.
11. Annual statistics are to be completed and returned to the Aquaculture Licensing Administrator before this license will be considered for renewal.

AQUACULTURE LICENCE

LICENCE NUMBER: AQ15-LIC-0500

NAME: Nova Fish Farms Inc

ADDRESS: P.O. Box 249, Coldwater ON L0K1E0

Is duly authorized to culture the species of marine plants and/or animals stated herein.

LICENCE	SPECIES
Commercial	Steelhead

This licence is issued in accordance with the Aquaculture Act, Chapter A-13 of The Revised Statutes of Newfoundland and Labrador, 1990, and the regulations made thereunder, as well as departmental policy documents. It is subject to the following terms and conditions.

- That an annual fee of **\$3,501.75** to be paid each year;
- That culture of the above listed species be confined to:

Muddy Hole, Bay d'Espoir

Latitude: 47.8148°

Longitude: 55.8567°

Hectares: 24.15

(General description of site location)

and as specified by Water Use Approval document No. WUL-14-027 as issued by Department of Municipal Affairs and Environment.

and as specified by NPP Approval No. BMO 8200-96-1040 as issued by Transport Canada.

and as specified by Lease No. 113037 as issued by Department of Fisheries and Land Resources.

- That aquaculture shall be conducted with due diligence, in a reasonable manner and in accordance with good husbandry practices, and;
- Any other terms and conditions attached.

This licence expires 03/31/2025

MAR 23 2019

Issued Date

Minister

AQUACULTURE LICENCE

LICENCE NUMBER: AQ15-LIC-0500

Licence Conditions:

1. The licensee shall comply with all directives, policies and/or management strategies issued by the Department of Fisheries and Land Resources.
2. All fish transferred from hatcheries to this site must be vaccinated against known fish pathogens and in a manner approved by the AAHD.
3. Product harvested from this site must be processed in a facility licensed in accordance with the requirements of the Fish Inspection Act (RSNL 1990 Chapter F-12) and Regulations.
4. The licensee is required to complete an annual report as per the Federal Aquaculture Activity Regulations, Section 16 (detailed on the Aquaculture Activity Regulations Guidance Document, Annex 1: AAR Reporting Template).
5. The licensee must provide access to lobster fishers who have traditionally fished on this site.
6. Mortality and morbidity events greater than 0.05% per day for three consecutive days or greater than 4000 kg or 2% of the inventory over a 24 hour period or greater than 10,000 kg or 5% of the inventory over a 5 day period are to be immediately reported to the AAHD.
7. Any transfer of fish into Newfoundland and Labrador via well boat or truck will require the licensee to follow all biosecurity protocols established by the AAHD. The licensee must allow on-site auditing of the well boat or truck for protocol adherence by AAHD staff. Well boat transfers must have a well-defined course of navigation to minimize interactions with adjacent aquaculture operations. The navigation course may be subject to review by the AAHD.
8. The licensee is required to advise the AAHD of any used equipment or material being brought into the province for use on the farm site. The licensee is required to clean and disinfect this equipment according to disinfection protocols as outlined and specified by the AAHD.
9. Each finfish aquaculture cage and bird stand must be marked with the following three letter code NFF. The code markings must be legible, with white letters on a black background, with each letter being a minimum 15 cm in height and 7.5 cm in width. Cage and bird stand markings must be located vertically on the outside of 4 stanchions that are equidistant apart.
10. Each finfish aquaculture cage and bird stand must be marked with a 10 cm by 60 cm band of yellow retro-reflective tape in 4 locations on the outside of the top rail, equidistant apart.
11. Annual statistics are to be completed and returned to the Aquaculture Licensing Administrator before this licence will be considered for renewal.

Site	Date last stocked	Species	Animals stocked
Chamber Island	May-23	Atlantic Salmon	1,013,523
Valen Island	Jul-23	Atlantic Salmon	982,578
St. Leonard's	Aug-23	Atlantic Salmon	875,089
Jude Island	May-24	Atlantic Salmon	1,173,265
Paradise Sound	Aug-24	Atlantic Salmon	559,083
Gilbert's Cove	Jul-24	Atlantic Salmon	984,484
Muddy Hole	Jun-24	Steelhead	440,370
Hardy Cove	May-24	Steelhead	385,707
Arran Cove	May-24	Steelhead	322,402
Margery Cove	May-24	Steelhead	491,387
Northwest Cove	May-23	Atlantic Salmon	778,121
Olive Cove	Jun-23	Atlantic Salmon	696,337
Manual Arm	Jun-24	Atlantic Salmon	853,574
Sugarloaf	Jun-24	Atlantic Salmon	792,747
Cinq Island Cove	May-23	Atlantic Salmon	253,563
Ironskull Point	May-23	Atlantic Salmon	334,561
Little Bay	May-23	Atlantic Salmon	669,747
McGrath Cove North	Jun-23	Atlantic Salmon	444,436
Devil Bay	Sep-23	Atlantic Salmon	612,670