



Ministry of Agriculture, Food and Fisheries

AQUACULTURE LICENCE

COPY

This certifies that **Target Marine Hatcheries Ltd.**
of **Madeira Park**, British Columbia
having made an application and paid the prescribed fee, is licensed
pursuant to Section 13 (4.1) of the Fisheries Act (R.S.B.C.) to operate
at the location described herein for the purpose of the commercial
culture of the species indicated below. This licence is subject to the
terms printed on the reverse, and the Development or Management Plan(s)
filed with and approved by the Fisheries Management Branch.
This licence is also subject to any attached Special Proviso(s).

REFERENCE	LOCATION AND LEGAL DESCRIPTION
000585	Gray Creek Lot 5-8, Group 1, Plan 4719 New Westminster District
PLAN : HF-FL-PR	SPECIES: Atlantic Salmon
APPROVED: 1999-AUG-23	<u>Salmo salar</u>
	Chinook Salmon <u>Oncorhynchus tshawytscha</u>
	Coho Salmon <u>Oncorhynchus kisutch</u>

White Sturgeon

reprint

Effective date: November 03, 2000

Expiry date: November 02, 2001

Per 
Minister of Agriculture, Food and Fisheries

SPECIAL PROVISIO

COPY

The following proviso is in addition to the general terms of

Aquaculture Licence # 000585

issued to: Target Marine Hatcheries Ltd.

When transporting fish overland, the licence holder or a person acting on behalf of the licence holder, shall not discharge water from any shipping container into public water other than public water within a location specified on an Aquaculture Licence issued under the "Fisheries Act" or Live Fish Permit issued under the "Wildlife Act".

The following improvements must be installed, approved and continuously maintained when Atlantic salmon are present on site:

- a) All hatchery effluent water to pass triple screens of an appropriate mesh size.

Screen Mesh Specifications:

- i) Incubation to two gram size - 3 mm (1/8") thick aluminum with 3 mm (1/8") thick holes on 4.5 mm (3/16") centres and staggered.
 - ii) Two grams and larger - 3 mm (1/8") thick aluminum with 2 mm (3/32") by 18 mm (3/4") slots.
- b) All incubation effluent from quarantine facilities to be conducted to ground exfiltration.
- c) Security of the facility and fish will be ensured through:
 - i) two meter perimeter fencing, and
 - ii) electronic intrusion surveillance when unattended.
- d) All outdoor fish containment structures to be fitted with covers or netting to prevent predation by birds.
- e) All buildings, fish containment structures and ponds are to be located above the natural flood plain.

1. White Sturgeon to be reared in covered containers to prevent removal by predators.
2. Effluent water to be triple screened.
3. Disease free health records to be supplied to this office by source facility.



LICENCE

NUMBER: 000585 Page 1

Ministry of Agriculture, Food and Fisheries

AQUACULTURE LICENCE

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pursuant to Sections 13(5) and 14(2) of the Fisheries Act (R.S.B.C.) to
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culture of the species indicated below. This licence is subject to the
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filed with and approved by the Ministry of Agriculture, Food and Fisheries.
This licence is also subject to any attached additional terms and conditions.

REFERENCE LOCATION AND LEGAL DESCRIPTION

000585 Gray Creek
Lot 5-8, Group 1, Plan 4719 New Westminster District

PLAN : FF-FL-PR SPECIES: White Sturgeon
APPROVED: 2001-NOV-06 Acipenser transmontanus

PLAN : HF-FL-PR SPECIES: Atlantic Salmon
APPROVED: 2001-NOV-06 Salmo salar

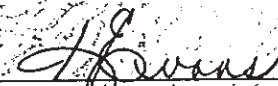
Chinook Salmon
Oncorhynchus tshawytscha

Coho Salmon
Oncorhynchus kisutch

White Sturgeon
Acipenser transmontanus

Effective date: November 03, 2002

Expiry date: November 02, 2003

Per 
Minister of Agriculture, Food and Fisheries

ADDITIONAL TERMS AND CONDITIONS

The following term & condition is in addition to the general terms of

Aquaculture Licence # 000585

issued to: **Target Marine Hatcheries Ltd.**

When transporting fish overland, the licence holder or a person acting on behalf of the licence holder, shall not discharge water from any shipping container into public water other than public water within a location specified on an Aquaculture Licence issued under the "Fisheries Act" or Live Fish Permit issued under the "Wildlife Act".

- a) All effluent water to pass through a minimum of three sets of screens of an appropriate mesh size and screening material to prevent the smallest fish of the population from leaving the facility, and of sufficient durability to maintain their integrity under normal use. (For purposes of this proviso, the term "facility" includes outside settling ponds and effluent ditches up to the boundary of the property.)
- b) In instances in which all water is directed to ground exfiltration, a minimum of two levels of screens shall be required.
- c) Fish discovered between screening points shall be immediately removed.
- d) Security of the facility will be ensured through:
 - i) two meter perimeter fencing, and
 - ii) electronic intrusion surveillance when unattended.
- e) All outdoor fish containment structures to be fitted with covers or netting to prevent entry by predators.
- f) All buildings, fish containment structures and ponds must be located above the 200 year flood level.
- g) Additional requirements may be imposed under relevant regulations.

As this facility is located on private land, the licensee must:

- be the legal owner of the property, or
- have written permission from the land owner(s) to operate.

1. White Sturgeon to be reared in covered containers to prevent removal and/or pathogen transfer by predators.
2. Effluent water to be triple screened to prevent loss of the smallest size of fish at the facility through the effluent stream.
3. Ensure that a mechanism is in place by which all live and processed sturgeon from the facility can be identified during transport and sale.
4. When a licensing system is implemented for the buying of live sturgeon, the sale of live sturgeon will be limited to those who are licensed to buy and hold such fish.

COPY



BRITISH
COLUMBIA

LICENCE

NUMBER: 000585 Page 1

Ministry of Agriculture, Food and Fisheries

AQUACULTURE LICENCE

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operate at the location described herein for the purpose of the commercial
culture of the species indicated below. This licence is subject to the
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REFERENCE LOCATION AND LEGAL DESCRIPTION

000585 Gray Creek
Lot 5-8, Group 1, Plan 4719 New Westminster District

PLAN : FF-FL-PR SPECIES: White Sturgeon
APPROVED: 2003-MAY-08 Acipenser transmontanus

PLAN : HF-FL-PR SPECIES: Atlantic Salmon
APPROVED: 2003-MAY-08 Salmo salar

Chinook Salmon
Oncorhynchus tshawytscha

Coho Salmon
Oncorhynchus kisutch

White Sturgeon
Acipenser transmontanus

Effective date: November 03, 2003

Expiry date: November 02, 2004

Per


Minister of Agriculture, Food and Fisheries



ADDITIONAL TERMS AND CONDITIONS

The following term & condition is in addition to the general terms of
Aquaculture Licence # 000585

issued to: **Target Marine Hatcheries Ltd.**

When transporting fish overland, the licence holder or a person acting on behalf of the licence holder, shall not discharge water from any shipping container into public waters.

- a) All effluent water to pass through a minimum of three levels of screening of an appropriate filter/screen size to prevent the smallest fish of the population from leaving the facility. Integrity of screening must be maintained at all times. Discharge to ground through exfiltration can be considered one level of screening.
- b) Fish discovered between screening points shall be immediately removed.
- c) The facility shall be secured from unauthorized entry by perimeter fencing or electronic alarm systems at all times when left unattended.
- d) All outdoor fish containment structures to be fitted with secured covers to prevent entry by predators.

As this facility is located on private land, the licensee must:

- be the legal owner of the property, or
- have written permission from the land owner(s) to operate.

- 1. White Sturgeon to be reared in covered containers to prevent removal and/or pathogen transfer by predators.
- 2. Effluent water to be triple screened to prevent loss of the smallest size of fish at the facility through the effluent stream.
- 3. Ensure that a mechanism is in place by which all live and processed sturgeon from the facility can be identified during transport and sale.
- 4. When a licensing system is implemented for the buying of live sturgeon,



Ministry of Agriculture, Food and
Fisheries

Licensing and Compliance
Branch

2500 Cliffe Avenue
Courtenay, British Columbia V9N 5M6

(250) 897-7540 Phone
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2

the sale of live sturgeon will be limited to those who are licensed to
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NUMBER: 000585 Page 1

Ministry of Agriculture, Food and Fisheries


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REFERENCE	LOCATION AND LEGAL DESCRIPTION
000585	Gray Creek Lot 5-8, Group 1, Plan 4719 New Westminster District
PLAN : FF-FL-PR	SPECIES: White Sturgeon
APPROVED: 2003-MAY-08	<u>Acipenser transmontanus</u>
PLAN : HF-FL-PR	SPECIES: Atlantic Salmon
APPROVED: 2003-MAY-08	<u>Salmo salar</u>
	Chinook Salmon <u>Oncorhynchus tshawytscha</u>
	Coho Salmon <u>Oncorhynchus kisutch</u>
	White Sturgeon <u>Acipenser transmontanus</u>

Effective date: November 03, 2004

Expiry date: November 02, 2005

Per 
Minister of Agriculture, Food and Fisheries



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When transporting fish overland, the licence holder or a person acting on behalf of the licence holder, shall not discharge water from any shipping container into public waters.

- a) All effluent water to pass through a minimum of three levels of screening of an appropriate filter/screen size to prevent the smallest fish of the population from leaving the facility. Integrity of screening must be maintained at all times. Discharge to ground through exfiltration can be considered one level of screening.
- b) Fish discovered between screening points shall be immediately removed.
- c) The facility shall be secured from unauthorized entry by perimeter fencing or electronic alarm systems at all times when left unattended.
- d) All outdoor fish containment structures to be fitted with secured covers to prevent entry by predators.

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- have written permission from the land owner(s) to operate.

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LICENCE
NUMBER: 000585 Page 1

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culture of the species indicated below. This licence is subject to the
terms printed on the reverse, and the Development or Management Plan(s)
filed with and approved by the Ministry of Agriculture and Lands.
This licence is also subject to any attached additional terms and conditions.

REFERENCE	LOCATION AND LEGAL DESCRIPTION
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000585	Gray Creek Lot 5-8, Group 1, Plan 4719 New Westminster District
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PLAN : FF-FL-PR	SPECIES: White Sturgeon
BIO RECOMMEND : 2003-MAY-08	<u>Acipenser transmontanus</u>

PLAN : HF-FL-PR	SPECIES: Atlantic Salmon
BIO RECOMMEND : 2003-MAY-08	<u>Salmo salar</u>

Chinook Salmon
Oncorhynchus tshawytscha

Coho Salmon
Oncorhynchus kisutch

White Sturgeon
Acipenser transmontanus

Effective date: November 03, 2005

Expiry date: November 02, 2006

Per

Minister of Agriculture, Food and Fisheries



Ministry of Agriculture
and Lands

Fisheries and Aquaculture
Licensing and Compliance Branch

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1

ADDITIONAL TERMS AND CONDITIONS

The following term & condition is in addition to the general terms of
Aquaculture Licence # 000585

issued to: **Target Marine Hatcheries Ltd.**

When transporting fish overland, the licence holder or a person acting on behalf of the licence holder, shall not discharge water from any shipping container into public waters, without appropriate authorization.

- a) All effluent water to pass through a minimum of three levels of screening of an appropriate filter/screen size to prevent the smallest fish of the population from leaving the facility. Integrity of screening must be maintained at all times. Discharge to ground through exfiltration can be considered one level of screening.
- b) Fish discovered between screening points shall be immediately removed.
- c) The facility shall be secured from unauthorized entry by perimeter fencing or electronic alarm systems at all times when left unattended.
- d) All outdoor fish containment structures to be fitted with secured covers to prevent entry by predators.

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and Lands

Fisheries and Aquaculture
Licensing and Compliance Branch

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2

the sale of live sturgeon will be limited to those who are licensed to buy and hold such fish.



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APPROVED: 2003-MAY-08 Acipenser transmontanus

PLAN : HF-FL-PR SPECIES: Atlantic Salmon
APPROVED: 2003-MAY-08 Salmo salar

Chinook Salmon
Oncorhynchus tshawytscha

Coho Salmon
Oncorhynchus kisutch


White Sturgeon
Acipenser transmontanus

Rainbow Trout
Oncorhynchus mykiss

Effective date: May 08, 2003

Expiry date: November 02, 2003

Per


Minister of Agriculture, Food and Fisheries



Ministry of Agriculture, Food and
Fisheries

Licensing and Compliance
Branch

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1

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2

the sale of live sturgeon will be limited to those who are licensed to
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Authorization for culture of rainbow trout is limited to November 2, 2003.