



File: PE-7660

MAR 25 1993

D O U B L E R E G I S T E R E D

SCANMAR SEAFOOD LIMITED
P.O. Box 12074
1555 - 555 West Hastings Street
Vancouver, British Columbia
V6B 4N5

Dear Permittee:

Re: Letter of Amendment to Waste Management Permit PE-7660
in the Name of SCANMAR SEAFOODS LIMITED

This letter is to amend Waste Management Permit No. PE-7660, issued January 15, 1987, last amended April 9, 1992.

The amendment consists of the following:

1. Appendix 01 (B), delete "...and 20,000 cubic metres per day (annual average)" and substitute "...and 10000 cubic metres per day (annual average)"
2. Appendix 01 (C), delete

pH,	6.5 - 8.5;
BOD ₅ (5-day biochemical oxygen demand),	10 mg/L;
Total suspended solids,	10 mg/L;
Ammonia nitrogen,	1 mg/L;
Nitrate nitrogen,	2.5 mg/L;
Total phosphate phosphorus,	0.5 mg/L.

and substitute

pH,	6.5 - 8.5;
BOD ₅ (5-day biochemical oxygen demand),	10 mg/L;
Total suspended solids,	5 mg/L;
Ammonia nitrogen,	1 mg/L;
Nitrate nitrogen,	1.0 mg/L;
Total phosphate phosphorus,	0.2 mg/L.

All other terms and conditions of Waste Management Permit No. PE-7660 remain in full force and effect.

Yours truly,

Raymond H. Robb
Assistant Regional Waste Manager



APR 09 1992

Our File: PE-7660

DOUBLE REGISTERED

SCANMAR SEAFOOD LIMITED

P. O. Box 12074
1555 - 555 West Hastings Street
Vancouver, British Columbia
V6B 4N5

Gentlemen:

LETTER OF TRANSMITTAL

Enclosed is a copy of amended Permit No. **PE-7660** issued under the provisions of the Waste Management Act in the name of **SCANMAR SEAFOOD LIMITED**. Your attention is respectfully directed to the terms and conditions outlined in the Permit. An annual fee for Permit No. PE-7660 will be determined on the basis of your industrial code and capacity in accordance with the Waste Management Permit Fees Regulation.

The administration of this Permit will be carried out by staff from our Regional Office located at 15326 - 103A Avenue, Surrey, British Columbia, V3R 7A2, (telephone: 582-5200). Plans, data and reports pertinent to the Permit are to be submitted to the Regional Waste Manager at this address.

You will note that values have been expressed in the International System of Units (SI). These units are to be used in submitting monitoring results and any other information in connection with this Permit.

This Permit does not authorize entry upon, crossing over, or use for any purpose of private or Crown lands or works, unless and except as authorized by the owner of such lands or works. The responsibility for obtaining such authority shall rest with the Permittee.

Yours very truly,

R. H. Robb
Assistant Regional Waste Manager

Enc.



MINISTRY OF ENVIRONMENT, LANDS AND PARKS

PERMIT

Under the Provisions of the Waste Management Act

SCANMAR SEAFOOD LIMITED

P. O. Box 12074

1555 - 555 West Hastings Street

Vancouver, British Columbia

V6B 4N5

is hereby authorized to discharge effluent
from a fish hatchery
located near Tillicum Bay, British Columbia
to Sechelt Inlet.

This permit has been issued under the terms and
conditions prescribed in the attached appendices:

01, A-1, B-1 and C-1.

R. H. Robb
Assistant Regional Waste Manager

Permit No. **PE-7660**

Date Issued January 15, 1987

Date Amended April 18, 1991

APR 09 1992



MINISTRY OF ENVIRONMENT, LANDS AND PARKS
Waste Management Branch

APPENDIX 01

to Permit No. PE-7660

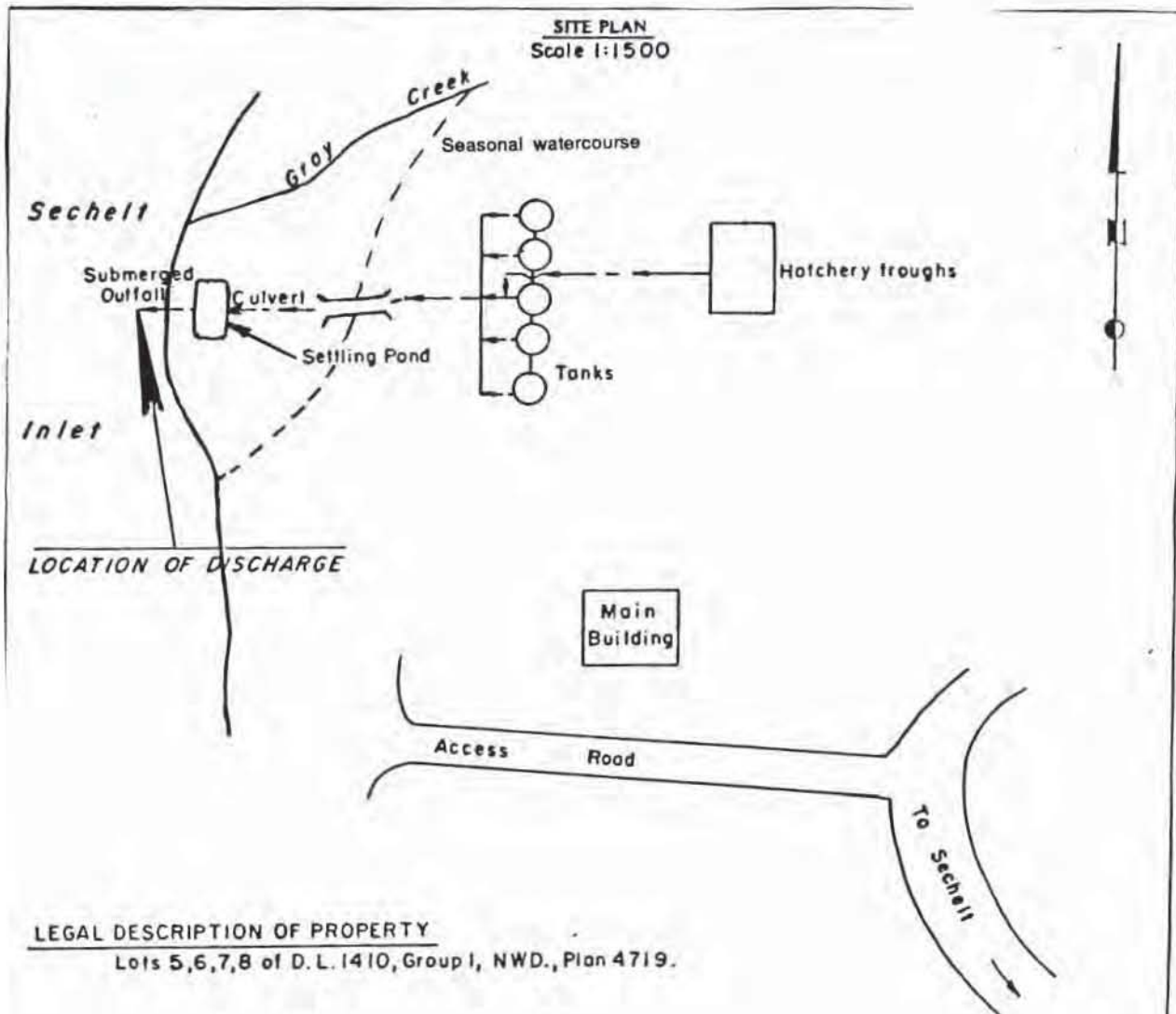
- (A) The discharge of effluent to which this appendix is applicable is from a fish hatchery as shown on the attached Appendix A-1.
- (B) The maximum rate at which effluent may be discharged is 48 000 cubic metres per day (maximum) and 20 000 cubic metres per day (annual average).
- (C) The characteristics of the effluent shall be equivalent to or better than:
- | | |
|---|------------|
| pH, | 6.5 - 8.5; |
| BOD ₅ (5-day biochemical oxygen demand), | 10 mg/L; |
| Total suspended solids (non-filterable residue), | 10 mg/L; |
| Ammonia nitrogen, | 1 mg/L; |
| Nitrate nitrogen, | 2.5 mg/L; |
| Total phosphate phosphorus, | 0.5 mg/L. |
- (D) The works authorized are cement settling pond, submerged outfall with a 20 metre deep diffuser and related appurtenances approximately located as shown on the attached Appendix A-1.
- (E) The location of the facilities from which the effluent originates and to which this appendix is appurtenant is Lots 5, 6, 7, 8 of D. L. 1410, Group 1, NWD., Plan 4719.
- (F) The location of the point of discharge and to which this appendix is appurtenant is to the deep water of Sechelt Inlet approximately 60 metres west of Lot 5 of D. L. 1410, Group 1, NWD., Plan 4719 and approximately 100 metres south of the mouth of Gray Creek.
- (G) The works authorized must be complete and in operation when discharge commences.

Date Issued January 15, 1987

Date Amended April 18, 1991

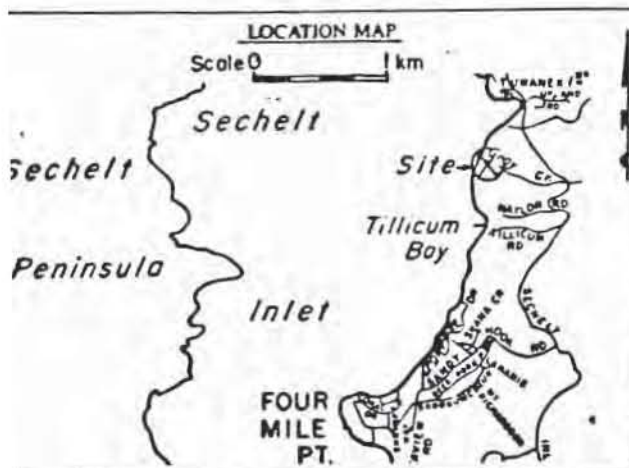
APR 09 1992


Assistant Regional Waste Manager



LEGAL DESCRIPTION OF PROPERTY

Lots 5,6,7,8 of D.L. 1410, Group I, N.W.D., Plan 4719.



SCANMAR SEAFOOD LIMITED

(Name of applicant(s))

(Date)

(Signature of applicant(s) or agent)

(FOR OFFICE USE ONLY)

Jan. 15, 1987

Date Issued

APR 09 1982

Date Amended

Assistant Regional Waste Manager

Appendix A-1

to Permit No. PE-7660

Approval No.



MINISTRY OF ENVIRONMENT, LANDS AND PARKS
Waste Management Branch

APPENDIX B-1
to Permit No. PE-7660

A. RESIDUE

The residue removed from the fish rearing troughs and the concrete settling pond shall be disposed of in a manner approved by the Regional Waste Manager.

B. EFFLUENT OPERATION

Discharges other than fish hatchery effluent are prohibited.

C. MAINTENANCE OF WORKS

The Permittee shall inspect the pollution control works regularly and maintain them in good working order. Notify the Regional Waste Manager of any malfunction of these works.

D. EMERGENCY PROCEDURES

In the event of an emergency or condition beyond the control of the Permittee which prevents continuing operation of the approved method of pollution control, the Permittee shall immediately notify the Regional Waste Manager and take appropriate remedial action.

E. BYPASSES

The discharge of effluent which has bypassed the designated treatment works is prohibited unless the approval of the Director or the Regional Waste Manager is obtained and confirmed in writing.

F. PROCESS MODIFICATIONS

The Permittee shall notify the Regional Waste Manager prior to implementing changes to any process that may affect the quality and/or quantity of the discharge.

G. SETTLING POND AND FISH TANK CLEANING

The settling pond and the fish tanks shall be cleaned in such a manner that the effluent quality is not affected.

Date Issued January 15, 1987

Date Amended April 18, 1991

APR 09 1992

Assistant Regional Waste Manager



MINISTRY OF ENVIRONMENT, LANDS AND PARKS
Waste Management Branch

APPENDIX C-1

to Permit No. PE-7660

MONITORING

The following monitoring program shall be undertaken by the Permittee:

1. GRAB SAMPLING

The Permittee shall install a suitable sampling facility and obtain a grab sample of the effluent once each year (on a day when the mass of fish being reared is at a maximum). Proper care should be taken in sampling, storing and transporting the samples to adequately control temperature and avoid contamination, breakage, etc.

2. ANALYSES

Obtain analyses of the sample for the following:

- (1) pH;
- (2) BOD₅, mg/L;
- (3) Total suspended solids, mg/L;
- (4) Ammonia nitrogen, mg/L;
- (5) Nitrite and nitrate nitrogen, mg/L;
- (6) Total phosphate phosphorus, mg/L;

Analyses are to be carried out in accordance with procedures described in the second edition of "A Laboratory Manual for the Chemical Analysis of Waters, Wastewaters, Sediments and Biological Materials (1976 edition including updates)", April 1989, 615 pp., or by suitable alternative procedures as authorized by the Regional Waste Manager.

Copies of the above manual are available from the Environmental Protection Division, Ministry of Environment, 810 Blanshard Street, Victoria, British Columbia, V8V 1X5, at a cost of \$70.00, or if Part 1 only, 1976 edition, 389 pp., \$40.00 and Part 2 only, supplement, 226 pp., \$40.00, and are also available for inspection at all Environmental Protection Offices.

3. PRODUCTION FIGURES

On the day of sampling, estimate and record the mass of fish (in tonnes of fish being reared).

4. FLOW MEASUREMENT

Provide and maintain a suitable flow measuring device and record once per month the effluent volume discharged over a 24-hour period.

5. REPORTING

Maintain data of analyses and flow measurements and production figures for inspection and submit the data, suitably tabulated, to the Regional Waste Manager for the previous year. The next report is to be submitted by December 31, 1992.

Date Issued January 15, 1987

Date Amended April 18, 1991
APR 09 1992

Assistant Regional Waste Manager

March 3, 2009

Tracking Number: 21787
Authorization Number: 103282

TARGET MARINE HATCHERIES LTD.
7333 SECHELT INLET ROAD
SECHELT, BC
V0N 3A4

Dear Registrant:

Re: Registration under the Land-Based Finfish Waste Control Regulation

Receipt of your completed registration under the Land-Based Finfish Waste Control Regulation is acknowledged. The effective date of registration is January 23, 2009. On and following the effective date of registration you are exempt from section 6(2) and 6(3) of the Environmental Management Act and may discharge waste to the environment from this facility provided all conditions and requirements of the regulation are met.

Please indicate the ministry authorization number shown above on all future correspondence with the Ministry regarding this facility.

Your attention is respectfully directed to the terms and conditions specified in the regulation. Contravention of any of the conditions is a violation of the Environmental Management Act and may result in prosecution. If the regulation does not cover all waste streams at the site, additional authorizations may be required under the Environmental Management Act.

The total phosphorous concentration in the effluent shall not exceed 2.0 mg/L. In addition, the Registrant shall contact the Regional Manager, Environmental Protection if the annual fish production increases by more than 10% above the amount specified in the registration application.

This acknowledgement of your registration should not be construed as a representation that the works are adequately designed or will satisfy the regulation requirements. It is the responsibility of the discharger to ensure that the facility is adequately designed, constructed and operated to ensure compliance.

Registration under the regulation does not authorize entry upon, crossing over, or use for any purpose of private or Crown lands or works, unless and except as authorized by the owner of such lands or works. The responsibility for obtaining such authority shall rest with the operator. It is also the responsibility of the operator to ensure that all activities conducted under this regulation are carried out with regard to the rights of third parties, and comply with other applicable legislation that may be in force. The operator must also obtain any necessary approvals from other agencies.

Administration of this regulation will be carried out by staff from the ministry regional office. Plans, data and reports pertinent to the regulation are to be submitted to the Regional Manager, Environmental Protection, at the regional office indicated on this letter.

Yours truly,



Linda Vanderhoek
Environmental Protection Officer
Government and Compliance Unit

CC: Environment Canada

ENCL: None

April 3, 2009

Tracking Number: 24365
Authorization Number: 7660

SCANMAR SEAFOOD LIMITED
1550 - 555 WEST HASTINGS STREET
VANCOUVER, BC
V6B 4N5

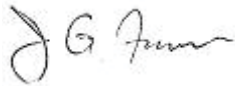
Dear Permittee:

Re: Cancellation of a Permit under the Environmental Management Act.

Your facility was registered under the Land-Based Finfish Waste Control Regulation, effective January 23, 2009. Permit 7660 issued on January 15, 1987, is hereby cancelled pursuant to Section 18 of the Environmental Management Act. The effective date of cancellation is January 23, 2009.

Upon cancellation of your permit, and pursuant to Section 10 of the Permit Fees Regulation, you may be entitled to a prorated refund of your most recent annual permit fee. Corporate Services Division will evaluate your file to determine the status of your account.

Yours truly,



Jeff Fournier
for Director, *Environmental Management Act*
Lower Mainland Region

CC: Environment Canada

Mr. Justin Henry
Target Marine Hatcheries Ltd.
7333 Sechelt Inlet Road
Sechelt, BC
V0N 3A4

ENCL: None