

UPPER BULKLEY FISH FENCE PROJECT 1989

**HOUSTON CHAPTER OF THE STEELHEAD
SOCIETY OF BRITISH COLUMBIA**

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THE STEELHEAD SOCIETY OF BRITISH COLUMBIA

Houston Chapter, Box 593, Houston, B.C. V0J 1Z0

January, 1990

UPPER BULKLEY RIVER FENCE PROJECT 1989

The Houston Chapter of the Steelhead Society of British Columbia wishes to express its appreciation to those groups, organizations and individuals who donated generously to make this project a success. The donation of materials, equipment, time and money were vital to this project and without their kindness the Bulkley fence project would not have been possible.

We would like to recognize the following:

Alcan
Babine Enterprises Ltd.
Babine Forest Products Company
Bruce Crocker Enterprises Ltd.
Decker Lake Forest Products Ltd.
District of Houston
Employment and Immigration Canada, Challenge '89 Program
Fisheries and Oceans / Ministry of Environment, Salmonid
Enhancement Public Participation Program
Houston Co-Op Marketing Association
Houston Forest Products Company
Northwood Pulp & Timber Ltd.
Pacific Salmon Foundation
Toboggan Creek Salmon and Steelhead Enhancement Society

Thank you,

John Lyotier
Chapter Chairman

Executive Summary:

The Houston Chapter of the Steelhead Society of British Columbia contracted with the Department of Fisheries and Oceans to build and man a fish trap on the Upper Bulkley River in Houston, B.C.. The primary purpose of the project was to provide accurate data about coho salmon which return to the Upper Bulkley to spawn. Information about Upper Bulkley returns previously indicated a dangerously low level of returning fish.

Project co-ordination was jointly managed by the local chapter and the community advisor, Salmonid Enhancement Programs.

The fence was designed by D.F.O. engineering staff who also provided construction assistance. The chapter obtained funding from the D.F.O. contract and from the Challenge '89 student employment program. Three summer jobs were created. Lumber, about 7500 board feet, was supplied by sawmills in the region. Other donations of equipment and local transportation were contributed by local businesses. The Pacific Salmon Foundation secured a major donation of aluminum from Alcan.

Operation of the fence began on August 24, 1989. By November 2 it was decided by chapter members that the run of Coho was over so the fence and trap were removed for winter storage.

Public awareness of the resource and its status has improved. Public perception of the project has been favorable.

In 1989 there was a commercial fisherman's strike at the mouth of the Skeena as well as a zero limit on the in-river sport fishery.

Coho returns to the Upper Bulkley River as counted at the fence were 1339 fish. Forty fish were taken for brood stalk the balance were released to spawn naturally.

Many residents of Houston stopped by the project to see the work and observe the fence in action. It has been perceived as a worthwhile endeavor toward the gathering of factual data and future resource management activities. In and of itself, the project was seen as a positive and non controversial venture. In an age of environmental confrontation the Houston project has provided a small, action oriented demonstration of co-operation. It has also created an expectation of future fisheries resource management plans and decisions to reflect data gathered on the Upper Bulkley River.

Houston Chapter of the Steelhead Society of British Columbia
January 1990.

History:

It is within the memory of many residents of the town of Houston that returns of spawning salmon would swell the flow of the Upper Bulkley River each fall. Coho and Chinook were the main species of the returning salmon. During the last two decades the run size has continued to decline. Results from temporary fish fences and traps operated jointly by the Department of Fisheries and Oceans and the Houston Chapter of the Steelhead Society of British Columbia indicated poor coho returns in 1987 and 1988. Difficulty maintaining the temporary fence and trap during periods of high water flows in the Upper Bulkley River, coincidental with the return of spawning coho, caused uncertainty about exact run sizes. The fence was washed out both years. Numbers of spawned out coho found up stream from the fence suggested a slightly greater return than that reported at the fence.

The need for reliable and accurate data was evident. Discussions between the Houston Chapter and Salmonid Enhancement Program's Community Advisor resulted in a contract between the Chapter and the Department of Fisheries and Oceans. D.F.O., through the Public Participation Program, provided funding (a \$10,000. grant), engineering, construction expertise and co-ordination of the permitting processes to allow the project to take place. The Chapter became the local co-ordination group providing labour and materials for the construction as well as labour to man the fence during the spawning run. It is important to note that the Pacific Salmon Foundation was key to the project in that the Foundation secured a major contribution of materials from Alcan.

The Project:

Potential sites were viewed by D.F.O. during the winter of '88/'89. Locations down stream from the confluence of the Upper Bulkley and Buck Creek were favored to prevent possible escapement up the Buck. Unfortunately the sites were evaluated while covered with snow and ice. Further evaluation at the time of construction resulted in engineering modifications. The fence length was increased from 64 feet to 88 feet. A back channel was also identified which would potentially provide an alternative escapement for salmon during extreme high water. The current site was selected as the best alternative and construction began on July 4, 1989. Three students hired under the Challenge '89 program fabricated the laminated wood sill, "A" frames, bulkhead and trap components. Site improvements such as picnic tables and walking trails were completed. The students also cleaned four miles of the Upper Bulkley River of unnatural materials (including a television, car parts and a propane bottle). Staff and contractors from D.F.O. were on hand to provide assistance

with construction and installation. Excavation of the river banks and bottom was done quickly, without significant siltation. The process of floating the component sections of the sills, bulkheads and "A" frames and installing them in the river was completed in three long days. Within two days chinook salmon were spawning immediately above and below the fence. Although the fence was in operation by August 24, the final section of walkway was not placed until a lockable gate was installed to limit access a week later.

Fishing the Fence:

Continuous fishing with the fence began August 24 and ended November 2. The total catch was 1339 coho, 14 chinook, 7 steelhead, 9 sockeye, 2 pink and 21 white fish. Fish caught during the first three days were released above the fence. Although the chinook salmon caught were easily identified, it is possible the recorded "steelhead" could have been coho. The fish were silver and of a good size. At least daily inspections of the trap were made from August 24 to November 2. Chapter members were assisted by high school students from Houston Secondary School.

As the fish began appearing it was obvious that the funnel entrance to the trap would have to be reduced. The fish were leaving the trap almost as easily as they entered it. They would then return to a pool down stream. The entrance was reduced from eight inches to three inches. Few fish escaped after that modification. Approximately thirty fish caught during the first week were taken by the Toboggan Creek Hatchery for brood stock. Most days there was little work for members to do other than to release a few fish and rake some leaves from the fence. There were no heavy rains nor high water during the entire season on the Upper Bulkley. Debris was minimal, as a result the fence was never lowered. During the times that the run was heaviest the front door to the trap was opened and the fish were allowed to swim through to the upper river. There were too many fish to attempt to dip them all out of the trap with a net. There was obvious crowding of the fish in the trap during the peak periods. Several fish died when they jammed themselves into the back corners of the trap in their efforts to escape. It was not uncommon to hear fish strike the lid of the trap as they tried to jump clear.

The dismantling of the fence and trap took four men about four hours. The only difficulty was the unbolting of the trap. Water levels had increased and water temperature dropped to 6 degrees. Members had difficulty loosening the bolts which secured the trap. By mid winter there is some build up of ice on the "A" frame supports in the open channel of the river. The three

northerly supports are ice bound and some debris has caught. A short distance upstream the river is frozen over from bank to bank. The strength of the supports may be tested in the spring. If the fence were to be left in the down position through the winter, much of the fence would be jeopardized by the ice. Some sections would be imbedded in the ice while other sections would be subject to scouring as the ice chunks flow over top.

Conclusions:

- 1.) The data collected is the single most significant measure of the fence. There is no doubt about uncounted escapement.
- 2.) Public interest in the project was high. It is located within walking distance of the residential areas of the community and many people stopped by the project to see the activity and to watch the fish.
- 3.) The project had a minor but beneficial impact on the local economy. Three student jobs were created and the majority of purchases were made locally. The two federal grant programs totalled \$14,773.43.
- 4.) This enhancement project has provided our chapter with an action orientation for local fishery resource management. It has involved many members and has created interest in our society among the public.

Recommendations:

- 1.) The Houston Chapter of the Steelhead Society of British Columbia should continue as a partner in the Upper Bulkley Fence Project.
- 2.) Further contracts with D.F.O. be negotiated to cover costs of modifications to the fence and trap as well as to provide an information display for the public.
- 3.) Further contracts with Employment and Immigration Canada be negotiated to provide student employment at the fence project and other Chapter co-ordinated enhancement activities.
- 4.) The trap structure should be modified to facilitate the sorting and identification of fish, as well as the method of release.

5.) The trap structure should be enlarged to provide a less stressful environment during the peak run periods. These modifications should include improvements to the entrance end of the trap that will prevent the fish from jamming themselves into the corners. With the high level of public interest it would be appropriate to ensure that viewing of fish in the trap can still take place.

6.) Fasteners on the trap should be modified to facilitate dismantling. The use of cotter pins or clevis arrangements should be considered.

7.) The potential for fishing other species of salmonids should be explored; eg. steelhead trout and chinook salmon.

8.) The water level measuring stick rule should be replaced with one which is metric and more easily read.

9.) Construction modifications should be reflected in "as built" drawings. If this has been done the local chapter does not have copies.

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3. Graph breakdown of catch by species...12
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BULKLEY RIVER FISH FENCE DATA 1989

CATCH TOTALS BY SPECIES

PRECIP.

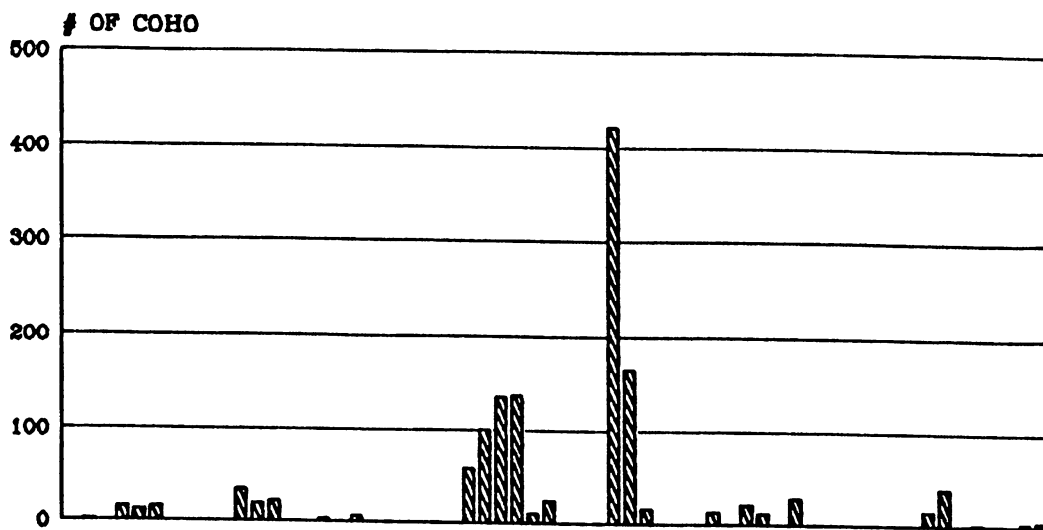
| DATE | COHO | CHINOOK | STEEL HEAD | SOCKEYE | PINK | WHITE FISH | RAIN FALL mm. | WATER LEVEL inch |
|--------|------|---------|---------------|---------|------|---------------|---------------------|------------------------|
| AUG 26 | 1 | 4 | 3 | | | | | 11.00 |
| 27 | 2 | 2 | 3 | | | | | 11.00 |
| 28 | | 5 | | | | | | 11.00 |
| 29 | 14 | 2 | | | | | | 11.00 |
| 30 | 11 | 1 | | | | | | 11.00 |
| SEP 1 | 15 | | | | | | | 10.50 |
| 2 | | | | | | | | 10.50 |
| 3 | | | | | | | | 10.50 |
| 4 | | | | | | | | 10.75 |
| 5 | | | | | | | | 10.75 |
| 6 | 34 | | | | | | 0.5 | 11.00 |
| 7 | 19 | | | | | | | 10.50 |
| 8 | 22 | | | | | | | 9.50 |
| 9 | | | | | | | | 8.50 |
| 10 | | | | | | | | 8.25 |
| 11 | 3 | | | | | 2 | | 8.00 |
| 12 | | | | | | | | 7.75 |
| 13 | 6 | | | | 2 | | | 7.50 |
| 14 | | | | | | | | 7.25 |
| 15 | 1 | | | | 1 | | | 7.25 |
| 16 | | | | | | | | 7.00 |
| 17 | | | | | | | 0.8 | 7.00 |
| 18 | 1 | | | | | | 3.0 | 7.00 |
| 19 | | | | | | | 0.3 | 7.25 |
| 20 | 57 | | | | 1 | | 0.5 | 7.75 |
| 21 | 101 | | | | 1 | | | 7.50 |
| 22 | 136 | | | | 3 | | | 7.25 |
| 23 | 138 | | | | | | | 6.50 |
| 24 | 10 | | | | | | | 7.00 |
| 25 | 24 | | | | | | | 6.50 |
| 26 | 1 | | | | | | | 6.75 |
| 27 | 1 | | | | | | | 6.75 |
| 28 | 1 | | | | | | | 6.50 |
| 29 | 421 | | | | | | | 6.50 |
| 30 | 165 | | | | 1 | 4 | 7.6 | 7.50 |
| OCT 1 | 16 | | | | | 3 | 0.5 | 7.50 |
| 2 | | | | | | 1 | | 7.00 |
| 3 | | | | | | | | 7.50 |
| 4 | | | | | | | | 7.25 |
| 5 | 13 | | 1 | | | | | 7.00 |
| 6 | 1 | | | | | | 3.3 | 7.50 |
| 7 | 21 | | | | | | | 7.25 |
| 8 | 11 | | | | | | | 8.00 |
| 9 | | | | | | | | 7.50 |
| 10 | 28 | | | | | | 2.0 | 7.50 |
| 11 | 1 | | | | | | | 7.50 |
| 12 | | | | | | | 2.8 | 7.50 |
| 13 | | | | | | | 0.3 | 7.50 |
| 14 | | | | | | | 0.3 | 7.50 |
| 15 | | | | | | | 1.5 | 8.00 |
| 16 | | | | | | | | 8.50 |
| 17 | | | | | | | | 8.00 |
| 18 | 15 | | | | | | 4.1 | 8.00 |
| 19 | 39 | | | | | | 2.0 | 9.00 |
| 20 | | | | | | 2 | | 9.00 |
| 21 | 2 | | | | | | | 11.00 |
| 22 | | | | | | 4 | | 10.00 |
| 23 | | | | | | 5 | | 10.00 |
| 24 | 3 | | | | | | 1.8 | 10.00 |
| 25 | 5 | | | | | | 0.5 | 10.00 |
| 26 | | | | | | | | 10.50 |
| 27 | | | | | | | 3.0 | 10.50 |
| 28 | | | | | | | | 11.00 |
| 29 | | | | | | | | 11.75 |
| 30 | | | | | | | 0.3 | 11.50 |
| 31 | | | | | | | 0.3 | 11.25 |
| NOV 1 | | | | | | | | 11.00 |
| 2 | | | | | | 2 | 0.5 | 11.00 |
| TOTALS | 1339 | 14 | 7 | 9 | 2 | 21 | 35.9 | |

RAIN FALL DATA COURTESY OF MINISTRY OF FORESTS AT DUNGATE WEATHER STATION.

ALL OTHER DATA BY VOLUNTEERS AT THE FENCE.

BULKLEY RIVER FISH FENCE/89

COHO MIGRATION AUG.26/89 - NOV.2/89

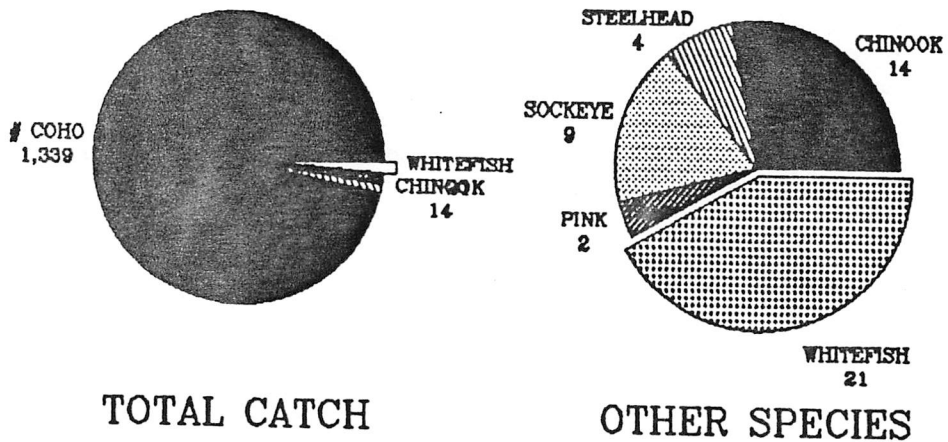


AUG.26/89 - NOV.2/89

Series B

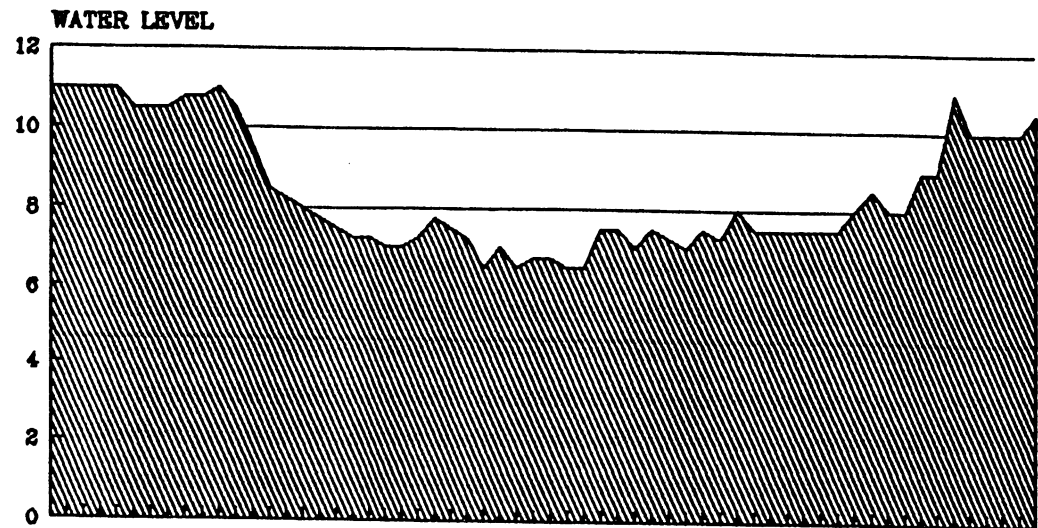
HOUSTON STEELHEAD SOCIETY PROJECT

BULKLEY RIVER FISH FENCE/89 BREAKDOWN OF FENCE CATCH BY SPECIES



HOUSTON STEELHEAD SOCIETY PROJECT

BULKLEY RIVER FISH FENCE/89 FENCE WATERLEVELS AUG.28-NOV.21/89



AUG.26/89 - NOV.2/89

Series B

HOUSTON STEELHEAD SOCIETY PROJECT

CONTRACTS AND CLAIMS

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Fisheries
and Oceans

Pêches
et Océans

Expense Claim attached

Pacific Region
Suite 400 - 555 West Hastings St.
Vancouver, B.C.
V6B 5G3

Région du Pacifique
Pièce 400 - 555 rue Hastings ouest
Vancouver (C.-B.)
V6B 5G3

Your file *Voire référence*

Our file *Notre référence*

June 29, 1989

Houston Chapter Steelhead
Society of B.C.
P.O. Box 1154
Houston, B.C.
V1J 1Z0

Attention: John Lyotier

Dear Mr. Lyotier:

I am pleased to inform you that your proposal regarding construction and operation of a fish fence on Upper Bulkley River has been approved. The maximum amount authorized for your project is \$10,000.00 to be expended for materials and supplies as detailed in your application.

Attached is a Short Form Contract (PIP 89-013), please sign as the contractor, and RETURN THE COMPLETE SET to us. The original copy will be returned to you after departmental approval, at which time we will forward an advance payment of \$9,000.00.

PLEASE NOTE; Due to a continually increasing demand for Community Advisors Support (time and funds), it is of paramount importance to recognize, the Department of Fisheries and Oceans cannot provide any additional funding to the contracted amount.

PLEASE FINALIZE YOUR PURCHASING AND COMPLETE YOUR EXPENSE CLAIM BY FEB. 15/89 ATTACHING AN INVOICE FOR EACH ITEM. Your Community Advisor, Barry Peters will provide you with expense claims and assist you with any queries you may have. The completed forms must then be forwarded to Barry, for his approval and signature.

Thank you for your continued interest, the Salmonid Resource and I wish you every success with your project.

Sincerely,

C. Masson
A/Head Community Involvement Unit
Community Programs Division

Encls.

cc: M. Beaton
K. Chilton

L. Kwik
B. Peters

Canada

CONTRACT FOR SERVICES **CONTRAT POUR SERVICES**

The maximum amount payable under this contract shall not exceed \$5,000.00
 Le paiement maximum exigible aux termes du présent contrat ne dépassera pas \$5,000.00

CORRESPONDENCE AND INVOICES MUST SHOW THESE NUMBERS
 NUMÉROS À INDIQUER SUR LETTRES ET FACTURES

REQ. No. - DEMANDE N°

CONTRACT No. - N° DE CONTRAT

PIP89-013

ALLOTMENT CODE
 CODE D'AFFECTATION

COLLATOR
 INTERCLASSEMENT

SUPP. COST
 FRAIS SUPPL.

LINE OBJECT
 ARTICLE D'EXEC.

5203

1245 0310

ISSUED BY - ADJUGÉ PAR

Dept. of Fisheries & Oceans
 Materiel Management Division
 555 W. Hastings St., Vcr., BC V6E 5G3

ISSUED TO - ADJUGÉ À

John Lyotter
 c/o Houston Chapter Steelhead Society of B.C.
 P.O. Box ~~1154~~ 593
 Houston, B.C. V0J 1Z0

INVOICE TO - FACTURÉ À

Project Authority
 (See Below)

We hereby agree to perform the services referred to hereunder on the conditions and agreements contained hereunder AND ON THE REVERSE SIDE HEREOF, WITHIN THE TIME SPECIFIED

Par les présentes nous agréons de fournir d'exécuter les travaux ou les services mentionnés ci-dessous conformément aux stipulations exposées ci-dessous et AU VERSO DES PRÉSENTES, DANS LES DÉLAIS PRÉSCRITS.

DETAILS - DÉTAILS

Authority is given under the Public Participation Project for the Construction and Operation of a FishFence on Upper Bukley River.

All work to be in accordance to the terms and conditions of this contract and your application received May 19, 1989.

Quarterly Progress Report: Compiled by the Community Advisor.

Basis of Payment: Total Contract Price: \$10,000.00

Advance Payment: = \$ 9,000.00

Final Payment will be made on completion of project and receipt of final report and invoice.

Note: Payment for expenses incurred MUST be supported by Suppliers' paid invoice(s) on the attached expense claim form.

Project Authority: Barry Peters, Community Advisor
 Department of Fisheries and Oceans
 Terrace, B.C.
 V8G 1T3

*** Furthermore, the Contractor agrees to adhere to the project workplan (i.e. production levels described in your application and also agrees that the Department of Fisheries and Oceans, Canada will not be held responsible for any additional costs associated with this planned activity during the identified period.

ALSO forming part of this Contract is the attached General Conditions, Appendix "A".

Total amount payable for this contract
 Montant total payable pour ce contrat

\$ 10,000.00

BT - TYPE Included where applicable

TERMS - TERMES

Net 30 days

PERIOD OF CONTRACT - DURÉE DU CONTRAT

Contract Effective: June 5, 1989
 Contract Completion: March 31, 1990

SIGNATURE OF CONTRACTOR - SIGNATURE DE L'ENTREPRENEUR

ACCEPTED ON BEHALF OF HER MAJESTY
 THE QUEEN IN RIGHT OF CANADA THIS

OFFRE ACCEPTÉE AU NOM DE SA
 MAJESTÉ DU CHEF DU CANADA CE

John Lyotter
 JOHN LYOTTER

DAY OF
 JOUR DE

19

August 2, 1989
 DATE

Regional Contracts Officer

TITLE - TITRE

SIGNATURE

Barbara Hall
 Barbara Hall

ACCOUNTS PAYABLE

| VENDOR NAME | EXPLANATION (SERVICE OR PRODUCT) | AMOUNT |
|--------------------------|------------------------------------|------------|
| Paradise Sports Ltd. | 2 pair of hip waders | \$190.78 |
| Motor Ways | transportation of fence components | \$87.45 |
| Houston Forest Products | shot rock | \$500.00 |
| Houston Co op | misc supplies | \$1,111.98 |
| Houston Food Market | 3 pairs chest waders, barbq suppl. | \$323.67 |
| Bodner Contracting | 966 loader to move rock | \$501.00 |
| Bodner Machine Shop | steel | \$81.09 |
| Bruce Crocker Ent. Ltd. | haul rock from HFP to fence | \$841.00 |
| Morice River Rentals | generator rental 3 days | \$156.77 |
| RSF Energy | fabrication of fence panels | \$3,961.25 |
| West Fraser Concrete | concrete for 8 anchor barrels | \$243.12 |
| Lee's Garden | barbecue supplies | \$40.00 |
| Super Valu | barbecue supplies | \$52.35 |
| Houston Lock & Key | set of 4 locks | \$37.95 |
| Reitsma Plumbing | rake handle (conduit) | \$7.31 |
| Houston Forest Products | expanded metal, 3 sheets | \$83.32 |
| Peoples Drug Mart #60 | photos | \$15.74 |
| Stuart's Sales & Service | chainsaw chain | \$30.10 |

**TOTAL ACCOUNTS PAYABLE
 TO DATE**

\$8,264.88

D.F.O. advance

\$ 9,000.00

Potential pay back

\$ 735.12

1 CHALLENGE - SUMMER EMPLOYMENT / EXPERIENCE DEVELOPMENT (SEED) APPLICATION / AGREEMENT

Please read the program guidelines and Provincial/Territorial Information Sheet carefully before completing the form. N.B. - Please use a typewriter or print clearly in black ink.

PART A

1 Legal Name of Employer: Houston Chapter of Steelhead Soc. of B.C. 2 Vendor Number: BCY 03 1542

3 Mailing Address (Number and Street): P.O. Box 1154 4 City, Town, Village: Houston

5 Province: B.C. 6 Postal Code: V0T 1Z0 7 Area Code - Telephone No.: 604 8 Revenue Canada Taxation No.: 11

9 Name of Contact Person: John Lyotier 10 Tel. No. (if different from above): 604-8957436 11 No. of individuals employed by business or organization: Volunteer

12 Location of Activity: Houston Area, Upper Bulkley River.

13 Employer Type: Non-profit Sector 14 Job Type: Practical Work Experience

15 Business/Organization has existed since: 85 16 Canada Employment Centre or Canada Employment Centre for Students: Houston

17 What is the main product or service of your business organization?: Public Service

18 Other Funding - Have you also applied to other government programs to fund any of the jobs proposed in this application? No

19 W.C.B./CSST (Non-profit sector only): 1.68

22 PART B - CALCULATION OF EMPLOYER'S TOTAL COST INCLUDING CONTRIBUTION REQUESTED

| Job Title | No. of Jobs | Start Date | No. of Weeks | Hrs./Week | Total Hours | Wages | | Mandatory Employer Costs | | Overhead Costs | Total Costs |
|--------------|-------------|------------|--------------|------------|-------------|---------------|----------------|--------------------------|---------------|----------------|-----------------|
| | | | | | | Rate per Hour | Total Wages | Other Mandatory | W.C.B./CSST | | |
| Field Worker | 5 | June 24/89 | 50 | 40 | 2000 | 4.50 | 9000.00 | 810.00 | 151.20 | 1000.00 | 10961.20 |
| TOTAL | 5 | | 50 | 400 | | | 9000.00 | 810.00 | 151.20 | 1000.00 | 10961.20 |

23 PART C - CALCULATION OF APPROVED CONTRIBUTION - OFFICIAL USE

| Job Title | No. of Jobs | Start Date | No. of Weeks | Hrs./Week | Total Hours | Wages | | Mandatory Employer Costs | | Overhead Costs | Total Contribution |
|--------------|-------------|------------|--------------|------------|-------------|-----------------------|-------------------------|--------------------------|-------------|----------------|--------------------|
| | | | | | | Contribution per Hour | Total Wage Contribution | Other Mandatory | W.C.B./CSST | | |
| Fieldworkers | 3 | July 2 | 24 | 40 | 960 | 4.50 | 4,320 | 390 | 76 | 240 | 5026 |
| TOTAL | 3 | | 24 | 400 | | | 4,320 | 390 | 76 | 240 | 5026 |

"Subject to the attached Terms and Conditions, the Commission and the Employer agree that, upon approval of the Employer's application, the Employer will provide the jobs, at the hourly wage rates, for the number of hours per week and for the number of weeks, as described above in Part B, and the Commission agrees to pay to the Employer in respect of the wages, mandatory employer costs and overhead costs related to such jobs, a contribution not exceeding the amounts shown in Part C in the totals for boxes (i), (ii), (iii) and (iv)."

The employer certifies that the proposed jobs would not be created without the contribution requested.

24 Signature of Employer: [Signature] Title: Chairman Date: 10/03/89

25 Signature of Employer: John Lyotier Title: Employer Date: 10/03/89

26 Signature of Commission: [Signature] Date: 10/03/89

27 Funding Amount 1: 75000 28 Funding Amount 2: 5026

| Financial Code | Current Year Amount | CR | EIS Type | Constr. Code | Future Year i Commitment Amount | CR |
|----------------|---------------------|----|----------|--------------|---------------------------------|----|
| 75 000 | 5,200 | 0 | | | 5,026 | 0 |

141 Verified by: [Signature] Signature: [Signature] Print Name: HARISON JOHNSON Date: 10/03/89

142 Certified that funds are available in accordance with Section 25(1) of the F.A.A. Signature: [Signature] Print Name: EIROONSTAR Date: 10/03/89

150 Org. Type: D2 151 Empl. Lang.: E 152 Train. Lang.: E 153 Comm. Futures: J214 154 Prov. Riding: X031 155 Proj. Officer: HGV21 156 Cons. B.: 0321 157 CCDO: A028 158 S.I.C.: 1011 159 Activity: N 160 Yr of Oper. tion: N 161 Special Int. Cr.: N

CANADIAN JOBS STRATEGY / PLANIFICATION DE L'EMPLOI

ADVANCE OR PAYMENT CLAIM / DEMANDE D'AVANCE OU DE REMBOURSEMENT

CHALLENGE / SUMMER EMPLOYMENT / EXPERIENCE DEVELOPMENT / DÉFI / EMPLOI D'ÉTÉ / EXPÉRIENCE DE TRAVAIL

1 FILE NUMBER / NO DE DOSSIER: **K7231E15**

2 PERIOD COVERED BY THIS CLAIM / PÉRIODE VISÉE PAR CETTE DEMANDE: **03/07/89 TO 10/09/89**

3 IS THIS YOUR FINAL CLAIM? / EST-CE VOTRE DERNIÈRE DEMANDE? Yes / Oui No / Non

4 IS THE ADDRESS SHOWN BELOW DIFFERENT FROM THAT LAST REPORTED BY YOU? / L'ADRESSE CI-DESSOUS DIFFÈRE-T-ELLE DE LA DERNIÈRE ADRESSE QUE VOUS NOUS AVEZ DONNÉE? Yes / Oui No / Non

OFFICIAL USE - RÉSERVÉ À L'ADMINISTRATION

120 RENEWAL NO / NO DE RENOUVELLEMENT

121 SOURCE

122 DOC NO / NO DE DOC

123

124

125

126

127 VENDOR NUMBER - NO DE FOURNISSEUR

5 NAME OF EMPLOYER - NOM DE L'EMPLOYEUR: **HOUSTON CHAPTER, STEEL HEAD SOCIETY OF BRITISH COLUMBIA**

6 MAILING ADDRESS - ADRESSE POSTALE: **Box 593**

7 CITY/TOWN - VILLE: **HOUSTON**

8 PROVINCE: **B.C.**

9 POSTAL CODE / CODE POSTAL: **V0J1L20**

| 10 WAGE COSTS / FRAIS SALARIAUX | PERIOD OF CLAIM / PÉRIODE VISÉE PAR LA DEMANDE | NO OF WEEKS / NOMBRE DE SEMAINES | TOTAL HOURS / TOTAL DES HEURES | WAGE RATE / TAUX DE SALAIRE HORAIRE | HOURLY RATE APPROVED / TAUX HORAIRE APPROUVÉ | CLAIMED FOR THIS PERIOD / MONTANT DEMANDÉ POUR CETTE PÉRIODE (Au dollar le plus proche) | OFFICIAL USE / RÉSERVÉ À L'ADMINISTRATION |
|----------------------------------|--|----------------------------------|--------------------------------|-------------------------------------|--|---|---|
| OCCUPATION / PROFESSION | FROM-OU / TO-AU | | | | | TYPE 4 - GENRE 4 | LINE OBJECT / ART. D'EXEC. |
| EMPLOYEE NAME / NOM DE L'EMPLOYÉ | COL 1 | COL 2 | COL 3 | COL 4 | COL 5 | COL 6 | COL 7 (COL 4 x 6) |
| FIELD WORKER / S. WILLIAMS | 01/07/89 | 8 | 312 | 4.50 | 4.50 | 1404.00 | |
| FIELD WORKER / L. LOISEAU | 05/07/89 | 1 | 24 | 4.50 | 4.50 | 108.00 | |
| FIELD WORKER / W. SUTHERLAND | 01/07/89 | 8 | 308 | 4.50 | 4.50 | 1386.00 | |
| FIELD WORKER / A. POTVIN | 10/07/89 | 7 | 280 | 4.50 | 4.50 | 1260.00 | |
| SUB TOTAL-TOTAL PARTIEL | | | | | | 11 | 4,158.00 |

| | | | |
|---|--|--------|--------|
| 12 MANDATORY EMPLOYMENT RELATED COSTS / CHARGES SOCIALES DE L'EMPLOYEUR | U.I. PREMIUMS - COTISATIONS D'ASSURANCE-CHÔMAGE | 114.98 | |
| | C.P.P.Q.P.P. PREMIUMS - COTISATIONS AU RPC OU AU RRO | 28.47 | |
| | VACATION PAY - PAYE DE VACANCES | 162.00 | |
| | W.C.B. | 69.98 | |
| SUB TOTAL-TOTAL PARTIEL | | 13 | 375.43 |

| | | | |
|------------------------------------|-----------------------------|-----------|--------|
| 14 OVERHEAD COSTS / FRAIS GÉNÉRAUX | 3 pr. CHEST WADERS (297.49) | \$ 240.00 | |
| | | | |
| SUB TOTAL-TOTAL PARTIEL | | 15 | 240.00 |

46 EMPLOYER CERTIFICATION-ATTESTATION DE L'EMPLOYEUR: I CERTIFY THE INFORMATION IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND CLAIMED IN ACCORDANCE WITH THE AGREEMENT. / JE CERTIFIE QUE LES RENSEIGNEMENTS DONNÉS SONT EXACTS À MA CONNAISSANCE, ET QUE LA PRÉSENTE DEMANDE EST CONFORME À L'ACCORD.

TOTAL: 16 **4,773.43**

SIGNATURE: **John Lyotier** DATE: **Nov 16, 1989**

| TYPE GENRE | EST TYPE 4 | AMOUNT-MONTANT | CR |
|------------|------------|----------------|------|
| 4 | | | 5288 |
| | | | 5288 |
| | | | 5288 |

145 OFFICIAL USE - RÉSERVÉ À L'ADMINISTRATION

CHEQUE STUB INFORMATION / RENSEIGNEMENTS FIGURANT SUR LE TALON DU CHÈQUE

TYPE GENRE: 3

TYPE GENRE: 7

DUE DATE / DATE DÙ

CERTIFIED TO BE IN ACCORDANCE WITH THE TERMS AND CONDITIONS OF THE AGREEMENT / IL EST CERTIFIÉ QUE CETTE DÉPENSE EST CONFORME À L'ACCORD.

Print Name-Nom en lettres moulées: _____ SIGNATURE: _____ DATE: _____

VERIFIED CORRECT / VÉRIFIÉ: _____ PAYMENT IS A LAWFUL CHARGE AGAINST THE APPROPRIATION / IL EST CERTIFIÉ QUE CETTE DÉPENSE EST UNE IMPUTATION LÉGITIME SUR LE CRÉDIT.

Print Name-Nom en lettres moulées: _____ CHIEF ADMINISTRATIVE SERVICES-CHEF DES SERVICES ADMINISTRATIFS: _____ DATE: _____

Minister of State
Youth



Ministre d'État
Jeunesse

Presented to

Présenté à

Steelhead Society of B.C. - Houston Chapter

in recognition of
active participation in the
Summer Employment Program
for Canada's students

en reconnaissance
de sa participation active
au Programme d'emploi d'été
pour les étudiants canadiens

Dated this/Décerné ce Eleventh of/jour de (d') October 1989

Ottawa

City/Ville

Ontario

Province/Territory/Province ou territoire

The Honourable Jean J. Charest Minister of State for Youth/
L'honorable Jean J. Charest, ministre d'État à la Jeunesse

Member of Parliament/Député

Challenge' 89
Défi

Canada