

# **Yukon River Restoration and Enhancement Project CRE 69-02**

**From**

**Yukon Salmon Committee  
Habitat Conservation and Stewardship Program  
Habitat Stewards**



**For**

**Yukon River Panel**

**March 31<sup>st</sup>, 2003**

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## Project Summary

### **Background:**

Stewardship means caring for something entrusted to you. In the Yukon, the Yukon Salmon Committee Habitat Stewards provided this role for salmon and salmon habitat. The Habitat Stewardship initiative in Yukon was administered by the Yukon Salmon Committee; with funding provided by DFO's Habitat Conservation and Stewardship Program (HCSP) via a contribution agreement. For the past three years this funding has covered the Habitat Steward's wages and expenses to meet the objectives of HCSP. The HCS Program is due to sunset on March 31<sup>st</sup>, 2003. The Habitat Steward's role was to:

- Act as a catalyst to develop community capacity to participate in the management of Yukon River salmon, including assistance in developing community-based R&E proposals; and,
- Initiate, assist, and source funding for conservation and stewardship projects and programs.

### **Introduction:**

The Habitat Conservation and Stewardship program has been very successful in raising community-based interest throughout Yukon in becoming actively involved in salmon stewardship initiatives. Most of the R&E proposals received by the Panel from 2001 to 2003 were the result of initiatives taken by the Habitat Stewards in the communities.

Project CRE 69-02 allowed for limited project funding to be available to the Stewards, "seed money" to initiate and leverage additional funding for valuable conservation and stewardship projects throughout the Yukon.

One of the key needs was for contract technical and professional support services to be made available to community based project leaders. The Department of Fisheries and Oceans has provided considerable technical support, but the need was beyond DFO's capability in the communities. One of the objectives for the funding provided by CRE 69-02 was to help ensure that maximum results are received from many community based R&E projects, and appropriate technical standards are maintained.

For reasons of administrative efficiency, this project funding was administered by the Panel's Executive Secretary on the direction of the Yukon Salmon Committee. The Salmon Committee's Joint Management Team allocated the funds based on approved project proposals/work plans (see Appendix #1) recommended by the Habitat Stewardship Coordinator, in consultation with the (DFO) Technical Contact for this project.

### **Objectives:**

Funding provided by CRE 69-02 was used to assist in the Yukon Salmon Committee's stewardship efforts by providing enabling funds to Yukon Habitat Stewards, to be used as "seed money" to initiate valuable conservation and stewardship projects for:

- Technical & professional assistance and quality control assistance to community based Panel R&E projects when required. Specifically to assist Stewards in outlying communities with project design, the conduct of field techniques, data analysis and report writing in their work with community proponents and contractors.
- Limited “seed funding” to lever funding and “in-kind” contributions to R&E and stewardship projects; and,
- Some funding for project field equipment purchases.

## **Conclusions:**

A total of \$35,000.00 was awarded to the Yukon Salmon Committee’s Habitat Conservation and Stewardship Program. This funding was allocated on an “as needed” basis throughout Yukon, based on proposals submitted by individual Habitat Stewards (see Appendix #1). The projects and funds allocated were to be completed by March 31<sup>st</sup>, 2003. Three Habitat Stewards submitted proposals to the Yukon Salmon Committee’s Joint Management Team. Funding was allocated to thirteen stewardship-related projects throughout the Yukon totalling \$24,950.00; a total of \$10,050.00 was not allocated. Nine of the thirteen projects were completed by March 31<sup>st</sup>, 2003. These projects were:

### **1. ELECTRO FISHING COURSE AND EQUIPMENT – DAWSON**

- **\$850.00**

This project built capacity to train local people in the safe techniques of electrofishing and provided the Dawson Area Habitat Steward with funds to successfully complete this course.

This will allow him to be available to assist crews in the Dawson region as a project “Crew Leader” for stewardship related R&E projects. (See Appendix #1)

### **2. UPGRADE EQUIPMENT AND REFERENCE MATERIALS – DAWSON**

- **\$700.00**

This project helped support community-based stewardship efforts by supplying the community with the necessary tools, equipment and reference material to conduct fisheries related studies.

(See Appendix #2)

### **3. SUPPORT FOR A LOCAL RRM COURSE – DAWSON**

- **\$900.00**

This project, a distance RRMT127 course, was designed to be an entry-level course that would attract interested people towards the larger Renewable Resource Management Program offered by Yukon College at their Whitehorse campus. (See Appendix #3)

### **4. SCIENTIFIC LAB UPGRADE – DAWSON**

- **\$700.00**

This project allowed for the purchase of scientific lab equipment for Dawson the area to increase local capacity and involvement increasing ability to locally analyze biological samples.

(See Appendix #4)

### **5. ASSISTANCE WITH PROJECT PROPOSAL AND REPORT WRITING – DAWSON**

- **\$2000.00**

This project will supply assistance to the Dawson Area Habitat Steward in the preparation of quality project reports and proposals, research pertaining to projects and proposals, and, the provision of quality promotional material (photos, etc.), by developing report manuals and templates. (See Appendix #5)

**6. ESSAY WRITING AND ART CONTEST – OLD CROW**

- **\$1000.00**

An essay writing and art contest on the topic of stewardship of salmon, as well as other fish and wildlife and their habitats, was carried out in the Chief Zzeh Gittlit School. (See Appendix #6)

**7. UPGRADE EQUIPMENT AND REFERENCE MATERIALS – OLD CROW**

- **\$1000.00**

This project expanded basic reference materials available to the community, as well as purchased some basic equipment. All will be available in Old Crow to the community at large and will assist in the development of community based R&E and other stewardship projects. (See Appendix #7)

**8. GIS MAPPING/PLANNING ASSISTANCE – OLD CROW**

- **\$1000.00**

This project provided the necessary funding to secure technical and professional assistance required to create a database of digital salmon habitat information in the Porcupine River watershed. (See Appendix #8)

**9. FISHERIES CAREER DAY & YOUTH CONFERENCE – WHITEHORSE**

- **\$10,000.00**

This project allowed a wide variety of youth from various communities outside of Whitehorse the opportunity to participate in the Fisheries Career Day, as well as the *Bringing Youth Toward Equality Conference*, which was held in Whitehorse in January 2003. (See Appendix #9)

**(Project proposals, final reports, project summaries and financial accounting for the nine completed projects can be reviewed in Appendices #1 through #9.)**

Four projects were not completed due to time constraints and other circumstances. These projects were:

**1. ELDER'S WORKSHOP ON WATERSHED PLANNING – CARMACKS**

- **\$3000.00 - cancelled**

**2. CAPACITY BUILDING – OLD CROW**

- **\$1000.00 - cancelled**

**3. REVIVAL FRESH WATER FISHERY – OLD CROW**

- **\$1800.00 – (\$200.82 spent) – cancelled (See Appendix #10)**

**4. VUNTUT EDUCATION-KIT – OLD CROW**

- **\$1000.00 - cancelled**

**CRE 69-02 Financial Breakdown**

**TOTALS**

TOTAL PROJECT FUNDING	SPENT YEAR TO DATE	AMOUNT REMAINING
35000	13491.74	21508.26

- J. DUNCAN - ELECTRO FISHING Complete
- J. DUNCAN - REFERENCE BOOKS Complete
- J. DUNCAN - RRM COURSE Complete
- J. DUNCAN - DAWSON LAB URGRADE Complete
- J. DUNCAN - ASSIT. REPORT WRITING Complete
- B. BROWN - WATERSHED PLANNING Cancelled
- I. ANDERTON - ESSAY WRITING/ART Complete
- I. ANDERTON - REFERENCE MATERIAL Complete
- I. ANDERTON - GIS MAPPING.PLANNING Complete
- I. ANDERTON - CAPACITY BUILDING Cancelled
- I. ANDERTON - REVIVAL FRESH WATER FISH Cancelled
- I. ANDERTON - VUNTUT EDU-KIT Cancelled
- I. ANDERTON – FCD/Youth Conference In progress Complete
- Not Allocated No project

APPROVED PROJECTS	SPENT	AMOUNT REMAINING
850	850	0
700	700	0
900	900	0
700	700	0
2000	1900	100
3000	0	3000
1000	1000	0
1000	966.60	33.40
1000	984.38	15.62
1000	0	1000
1800	200.82	1599.18
1000	0	1000
10000	5289.94	4710.06
10050	0	10050
35000	13491.74	21508.26

**TOTAL CRE-69-02**

Received to date from Yukon River Panel - 50% = \$17,500.00

Completed projects total = \$13,491.74

\$17,500.00 - \$13,491.74 = \$4,008.26 - Balance owing to Yukon River Panel

# Appendices

## Appendix #1

### 2002-03 Restoration and Enhancement Fund Habitat Steward Proposal

Name: Jake Duncan, Dawson Area Habitat Steward, YSC/HCSP  
YRCFA

Location: Dawson City, Yukon

Amount: \$4,949.26

Project Description: Electrofishing Course and Equipment

One of the primary tools for habitat assessment, inventory and salvage work is the electrofisher. In the Dawson region in the past year there has been call for 4 trips by outside consultants to conduct electrofishing for various reasons. This proposal is about training local people in the safe techniques of electrofishing and providing partial funds for an electrofishing unit to be kept and used locally.

*Equipment reference:* <http://www.smithroot.com/store/6826.php>

*Course Reference:* <http://web.mala.bc.ca/faep/RegInfo.htm>

#### Requirement:

This proposal achieves the objectives of the Habitat Steward proposals (as per criteria) in three ways: (1) by specifically assisting outlying communities with the conduct of field techniques; (2) by providing “seed funding” by way of the provision of this equipment and training -- which will be employed in future R&E, conservation and stewardship projects and programs; and, (3) by providing some funding for field equipment purchases.

Financial Accounting: Financial accounting will be achieved by providing a project financial statement with a final report.

#### Budget:

Travel	(Dawson Whitehorse return @\$0.485/km)	\$533.50
Course Fees	(Malaspina College, Whitehorse, Oct 1-2/02)	\$300.00
Equipment	(total \$5,495US – request 50% of cost X1.4 CAN + GST)	<u>\$4,115.76</u>
Total:		\$4,949.26

# 2002-03 R&E Fund - Final Report

November 4, 2002

CRE-69-02

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**Project Title:** Electrofishing Course and Equipment

**Contact Person:** Jake Duncan, Dawson Area Habitat Steward, YSC/HCSPP

**Project Description:**

One of the primary tools for habitat assessment, inventory and salvage work is the electrofisher. In the Dawson region in the past year there has been call for 4 trips by outside consultants to conduct electrofishing for various reasons. This proposal is about training local people in the safe techniques of electrofishing and providing partial funds for an electrofishing unit to be kept and used locally. Approved for funding was \$850.00 for tuition and travel (only) related to an Electrofishing course.

**Results:**

This project has achieved the objectives of the Habitat Steward proposal (as per criteria), with the exception of purchasing the electrofishing unit, in two ways:

- (1) By specifically assisting outlying communities with the conduct of field techniques; and,
- (2) By providing “seed funding” by way of the provision of training -- which will be employed in future R&E, conservation and stewardship projects and programs.

Malaspina College held an Electrofishing course in Whitehorse between October 1<sup>st</sup> and 3<sup>rd</sup>. Normally, this course is held throughout B.C. at various dates during the open water season to train and re-train field crews, as the technique requires certification to meet WCB regulations. It was fortunate that the course was held in Whitehorse and represented a real opportunity to take the training at a relatively low cost. The course was initiated by DFO Habitat and Enhancement Branch (HEB) personnel to upgrade and provide these essential skills to their staff and could not have been possible to host locally without their attendance. The course was attended by local contractors, DFO Habitat personnel, DIAND Mining Inspectors, and, the Dawson Area Habitat Steward.

The Dawson Area Habitat Steward has successfully completed this course and is now available to assist crews in the Dawson region as a project “Crew Leader”. This includes DFO HEB personnel, DIAND Inspectors, First Nations, and, various other contractors, R&E projects and initiatives.

This project was successfully completed within the approved project budget (CRE-69-02) and an additional contribution of \$354.90 from the Dawson Area Habitat Steward (YSC/HCSPP) budget. Please see project financial statement (attached - following).



Project Financial Statement:

CRE-69-02                      Project: Electrofishing Course (\$850 approved via R&E)

ITEM	Approved Budget	Actual	DIFF
Tuition	\$300.00	\$300.00	\$0.00
Travel	\$550.00	\$904.90	(\$354.90)
Total:	\$850.00	\$1,204.90	(\$354.90)
Yukon River Panel's R&E Fund Contribution:			\$850.00
Dawson Area Habitat Steward (DFO-HCSP/YSC) Contribution:			\$354.90
End Balance:			\$0.00

## Appendix #2

### 2002-03 Restoration and Enhancement Fund Habitat Steward Proposal

Name: Jake Duncan, Dawson Area Habitat Steward, YSC/HCSP  
YRCFA

Location: Dawson City, Yukon

Amount: \$3,297.21\*

Project Description: Upgrades to Local Fisheries Equipment and Reference Materials

Over the last decade in the Dawson region, community-based fisheries projects have contributed greatly to overall resource management. During this time, equipment and reference material to conduct fisheries related studies has been slowly gathered and maintained. This proposal is about supporting community-based efforts by supplying the community with the necessary tools, specifically under this proposal: a hand-held flow meter and reference books.

#### Requirement:

This proposal achieves the objectives of the Habitat Steward proposals (as per criteria) in three ways: (1) by specifically assisting outlying communities with the conduct of field techniques, data analysis, and report/proposal writing; (2) by providing “seed funding” by way of the provision of this assistance -- which will in turn kick-start future R&E, conservation and stewardship projects and programs; and, (3) by providing some funding for project field equipment purchases.

Financial Accounting: Financial accounting will be achieved by providing a project financial statement with a final report supplied by the Habitat Steward.

#### Budget:

##### Book via AFS Bookstore (USD):

<i>Fisheries Techniques, Second edition</i>	\$86.00 USD
<i>Investigation and Valuation of Fish Kills</i>	\$37.00 USD
<i>Sourcebook for Investigation and Valuation of Fish Kills</i>	\$46.00 USD
<i>Sediment in Streams: Sources, Biological Effects, and Control</i>	\$48.00 USD
<i>Water Quality and the Early Life Stages of Fishes</i>	\$36.00 USD
<i>Writing for Fishery Journals</i>	\$31.00 USD
<i>Methods for Fish Biology</i>	\$64.00 USD
<i>Watershed Restoration: Principles and Practices</i>	<u>\$46.00 USD</u>

<i>Sub-Total:</i>	\$394.00 (\$551.60CAN)
<i>Freight:</i>	\$100.00 CAN
<i>GST:</i>	<u>\$45.61 CAN</u>
<i>Total:</i>	\$697.21 CAN

Equipment: Flowmeter

<i>Purchased via Hoskin Equipment w/accessories</i>	\$2,500.00*
<i>Freight</i>	<u>\$100.00</u>
<i>Total:</i>	\$2,600.00

<i>Grand Total:</i>	\$3,297.21
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*\* Waiting on quote from Hoskin Scientific, price is approximate.*

2002-03 R&E Fund - Final Report  
November 4, 2002

CRE-69-02

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**Project Title:** Upgrades to Local Fisheries Equipment and Reference Materials

**Contact Person:** Jake Duncan, Dawson Area Habitat Steward, YSC/HCSF

**Project Description:**

Over the last decade in the Dawson region, community-based fisheries projects have contributed greatly to overall resource management. During this time, equipment and reference material to conduct fisheries related studies has been slowly gathered and maintained. This proposal is about supporting community-based efforts by supplying the community with the necessary tools, specifically under this proposal: a hand-held flow meter and reference books. Approved for funding was \$700.00 for books and reference material (only).

**Results:**

This project has achieved the objectives of the Habitat Steward proposals (as per criteria), with the exception of acquiring a handheld flow meter, in three ways:

- (1) By specifically assisting outlying communities with the conduct of field techniques, data analysis, and report/proposal writing;
- (2) By providing “seed funding” by way of the provision of this assistance -- which will in turn kick-start future R&E, conservation and stewardship projects and programs; and,
- (3) By providing some funding for project related reference material.

The following books and reference materials were ordered and received from the American Fisheries Society:

- Methods for Fish Biology, Edited by C.B.Schreck and P.B.Moyle
- Water Quality and the Early Lifer Stages of Fishes, Edited by L.Fuiman
- Biological Indicators of Aquatic Ecosystem Stress, Edited by S. Marshall Adams
- Design and Analysis for Fish Survival Experiments Based on Release-Recapture, K.P.Burnham, D.R.Anderson, G.C.White, C.Brownie and K.H.Pollock
- Writing for Fisheries Journals, Edited by John Hunter
- Fisheries Techniques (2<sup>nd</sup> edition), Edited by B.R.Murphy and D.W.Willis
- Fish Marking Techniques, Edited by N.C.Parker, A.E.Giorgi, R.C.Heidinger, D.B.Jester, E.D.Prince, G.A. Winans
- Uses and Effects of Cultured Fish in Aquatic Ecosystems, Edited by H.L.Schramm and R.G.Piper

- Investigation and Valuation of Fish Kills, The Pollution Committee, AFS and The Socio-economic Section, AFS
- Sourcebook for the Investigation and Valuation of Fish Kills, Prepared by Southwick Associates

These books will be cared for by the Habitat Steward and will be kept available to the community. Upon the completion of the Habitat Steward position in Dawson (it is expected that the position will be completed in winter of 2002-03), the books will be kept by the Yukon River Commercial Fishing Association (YRCFA) and/or whoever will continue the Habitat Stewardship program, and, made available to interested community groups and individuals. These valuable resources will complement Dawson's community-based efforts for many years to follow.

*This project was successfully completed within the approved budget and an extra \$296.99 was contributed from the Dawson Area Habitat Steward (YSC/HCSF) budget. Please see project financial statement (attached - following).*

Project Financial Statement:

Project: Upgrades to Local Fisheries Equipment and Reference Materials			
ITEM	Approved Budget	Actual	DIFF
Books (with Shipping)	\$700.00	\$940.82	(\$240.82)
Other (Customs, GST, Handling)		\$56.17	(\$56.17)
Total:	\$700.00	\$996.99	(\$296.99)
Yukon River Panel's R&E Fund Contribution:			\$700.00
Dawson Area Habitat Steward (DFO-HCSF/YSC) Contribution:			\$296.99
End Balance:			\$0.00

\*\*\* USD-CAN Conversion rate: 1.589696 via VISA

## Appendix #3

### 2002-03 Restoration and Enhancement Fund Habitat Steward Proposal

Name: Jake Duncan, Dawson Area Habitat Steward, YSC/HCSF  
Aedes Scheer, Instructor -Yukon College (and local animal health technician)

Location: Dawson City, Yukon

Amount: \$900.00

Project Description: Support a Local Renewable Resources Management Course

Presently, very few specific renewable resource management courses are offered via the Dawson City campus of Yukon College. The RRMT127 course is designed to be an entry-level course that will attract interested people towards the larger Renewable Resource Management Program offered by Yukon College at their Whitehorse campus. At this time, there are many local people interested in doing upgrading, college prep, and generally getting involved in renewable resource management in the Dawson area; however, these courses are not available to them locally because of the proportionately higher cost of delivery. In the winter of 2002-03 an RRMT127 course is being planned. Assistance with tutoring costs associated with this course would be the difference of whether the course will be offered, or not. In the management of fish and wildlife rarely do we actually manage fish or wildlife, rather, we manage effects to fish and wildlife: the biggest and most manageable effects are people. It takes people to do this job. Local people with long-term familiarity of the issues, the area and the resource are preferable.

Requirement:

This proposal achieves the objectives of the Habitat Steward proposals (as per criteria) in three ways: (1) by specifically assisting outlying communities with the conduct of field techniques; and, (2) by providing “seed funding” by way of the supply of these tutor hours – additional work and effort will be expended in this course (>\$5,000).

Financial Accounting: Financial accounting will be achieved by providing a project financial statement with a final report.

Budget:

45	tutoring hours	@ \$20.00/each	\$900.00
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2002-03 R&E Fund - Final Report  
March 31, 2003

CRE-69-02

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**Project Title:** Support a Local Renewable Resources Management Course

**Contact Person:** Jake Duncan, Dawson Area Habitat Steward, YSC/HCSF  
Aedes Scheer, Instructor -Yukon College (and local animal health technician)

**Project Description:**

Presently, very few specific renewable resource management courses are offered via the Dawson City campus of Yukon College. The RRMT127 course is designed to be an entry-level course that will attract interested people towards the larger Renewable Resource Management Program offered by Yukon College at their Whitehorse campus. At this time, there are many local people interested in doing upgrading, college prep, and generally getting involved in renewable resource management in the Dawson area; however, these courses are not available to them locally because of the proportionately higher cost of delivery. In the winter of 2002-03 an RRMT127 course is being planned. Assistance with tutoring costs associated with this course would be the difference of whether the course will be offered, or not. In the management of fish and wildlife rarely do we actually manage fish or wildlife, rather, we manage effects to fish and wildlife: the biggest and most manageable effects are people. It takes people to do this job. Local people with long-term familiarity of the issues, the area and the resource are preferable.

**Results:**

This project has achieved the objectives of the Habitat Steward proposals (as per criteria), in two ways:

- By specifically assisting outlying communities with the conduct of field techniques, data analysis, and report/proposal writing; and,
- By providing “seed funding” by way of the supply of these tutor hours – additional work and effort was expended in this course to accommodate Dawson area students.

In total, 45 hours of tutoring was expended in concert with Yukon College’s RRMT 127Z course offering in the Dawson City region between January and April 2003.

Course website: <http://dl1.yukoncollege.yk.ca/rrmt127/>.

A video teleconference was held in early December 2002 to canvass the interest in the RRMT 127Z course. Fifteen people from the Dawson region attended the information session and an additional five community members were unable to attend but expressed interest in the course. Of these 20 students, 11 were later registered for the course. During the registration, the tutor was able to assist the course instructor, Larry Gray, with screening and processing of applications. The first class was held January

22, 2003 and 19 students from Ross River, Watson Lake, Whitehorse and Dawson City were in attendance. Initially it was thought that only 10 – 12 students from the Dawson region would be accepted to the course, however with the tutor’s assistance with the large Dawson enrolment, additional students were permitted to register.

The classes were held every other Wednesday by video teleconference and discussions and readings were posted on the website. The tutor has provided tutorial assistance on a regular basis Wednesdays between classes and on Monday afternoons, preceding the video teleconference. Attendance during these tutorials was optional and however the tutor has met with all the students at least once during this time. The tutor has provided assistance with navigating the website and conducting Internet searches, feedback on written assignments, facilitating informal discussions on traditional knowledge vs. scientific analysis, YPAS, the role of RRCs, and, other topics introduced in the course.

The tutor has also maintained email contact with the Dawson group and assisted them with finding mentors and project topics.

For more information about the course, please see the website above.

Project Financial Statement:

CRE-69-02	Project: Support a local Renewable Resources Course (\$900 approved via R&E)		
ITEM	Approved Budget	Actual	DIFF
Tutor Services	\$900.00	\$900.00	\$0.00
Total:	\$900.00	\$900.00	\$0.00
Yukon River Panel's R&E Fund Contribution:			\$900.00
Dawson Area Habitat Steward (DFO-HCSP/YSC) Contribution:			\$0.00
End Balance:			\$0.00



## Appendix #4

### 2002-03 Restoration and Enhancement Fund Habitat Steward Proposal

Name: Jake Duncan, Dawson Area Habitat Steward, YSC/HCSP  
Aedes Scheer, Instructor - Yukon College (and local animal health technician)

Location: Dawson City, Yukon

Amount: \$704.57

Project Description: Dawson Area Scientific Lab Upgrades

Presently, there are no scientific lab facilities for local community groups and individuals to utilize for the purpose of analyzing biological samples. There are many projects, people and skills in the Dawson area that would benefit from the increased ability to analyze biological samples. For example: Ichthyophonus samples taken in the local salmon fishery could be cultured and analyzed locally by interested parties. Aside from the value of analyzing ichthyophonus rates in salmon, this increased local capacity would go a long way in getting local “buy-in” and support for programs and projects aimed at understanding things like Ichthyophonus. Numerous future fisheries projects are planned for the Dawson region. This increased local capacity and involvement gained by the supply of lab equipment will go a long way in ensuring the success of future projects.

Requirement:

This proposal achieves the objectives of the Habitat Steward proposals (as per criteria) in three ways: (1) by specifically assisting outlying communities with data analysis; (2) by providing “seed funding” by way of the supply of this equipment – additional work and effort will be expended in proposals, projects and the analysis of samples; and, (3) by providing some funds for equipment.

Financial Accounting: Financial accounting will be achieved by providing a project financial statement with a final report.

Budget:

1	Analytical Balance	@ \$375.00/each	\$375.00
4	Dissection Kit	@\$9.90/each	\$39.60
1	Labware Package	@\$138.00/each	\$138.00
1	Incubator	@\$308.00/each	\$308.00
1	Triple Beam Balance	@\$97.50/each	\$97.50
	Freight:		<u>\$75.00</u>
	Subtotal:		\$658.48
	GST:		<u>\$46.09</u>
Total:			\$704.57

2002-03 R&E Fund - Final Report  
November 4, 2002

CRE-69-02

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**Project Title:** Dawson Area Scientific Lab Upgrades

**Contact Person:** Jake Duncan, Dawson Area Habitat Steward, YSC/HCSF  
Aedes Scheer, Instructor -Yukon College (and local animal health technician)

**Project Description:**

Presently, there are no scientific lab facilities for local community groups and individuals to utilize for the purpose of analyzing biological samples. There are many projects, people and skills in the Dawson area that would benefit from the increased ability to analyze biological samples. For example: Ichthyophonus samples taken in the local salmon fishery could be cultured and analyzed locally by interested parties. Aside from the value of analyzing ichthyophonus rates in salmon, this increased local capacity would go a long way in getting local “buy-in” and support for programs and projects aimed at understanding things like Ichthyophonus. Numerous future fisheries projects are planned for the Dawson region. This increased local capacity and involvement gained by the supply of lab equipment will go a long way in ensuring the success of future projects.

**Results:**

This project has achieved the objectives of the Habitat Steward proposals (as per criteria), in two ways:

- (4) By specifically assisting outlying communities with the conduct of field techniques, data analysis, and report/proposal writing; and,
- (5) By providing “seed funding” by way of the provision of this assistance -- which will in turn kick-start future R&E, conservation and stewardship projects and programs.

The following equipment was ordered and received from Fischer Scientific:

- An incubator
- One labware package
- A scientific balance

This equipment will be cared for by the Dawson Campus of Yukon College and will be kept available to the community and interested community groups and individuals. These valuable resources will now complement Dawson’s community-based efforts for many years to follow and assist local area people in necessary scientific upgrading via Yukon College.

*This project was successfully completed within the approved budget (\$700) and an extra \$319.16 was contributed from the Dawson Area Habitat Steward (YSC/HCSP) budget. Please see project financial statement (attached - following).*

Project Financial Statement:

CRE-69-02	Project: Scientific Equipment Purchases (\$700 approved via R&E)		
ITEM	Approved Budget	Actual	DIFF
Incubator, labware package, analytical balance	\$ 700.00	\$ 944.16	(\$244.16)
Freight		\$ 75.00	(\$75.00)
Total:	\$ 700.00	\$ 1,019.16	(\$319.16)
Yukon River Panel's R&E Fund Contribution:			\$700.00
Dawson Area Habitat Steward (DFO-HCSP/YSC) Contribution:			\$319.16
End Balance:			\$0.00

## Appendix #5

### 2002-03 Restoration and Enhancement Fund Habitat Steward Proposal

Name: Jake Duncan, Dawson Area Habitat Steward, YSC/HCSP

Location: Dawson City, Yukon

Amount: \$0.00-\$5,000.00\*

Project Description: Assistance with Project proposals and reports

Supply assistance to the Dawson Area Habitat Steward in the preparation of quality project reports and proposals, research pertaining to projects and proposals, and, the provision of quality promotional material (photos, etc.).

Requirement:

This proposal achieves the objectives of the Habitat Steward proposals (as per criteria) in three ways: (1) by specifically assisting outlying communities with technical and professional services, project design (which includes the conduct of field techniques), data analysis, and report writing; and, (2) by providing “seed funding” by way of the provision of this assistance -- which will in turn kick-start future R&E, conservation and stewardship projects and programs.

Financial Accounting: Financial accounting will be achieved by providing a project financial statement with a final report supplied by the Habitat Steward.

Budget:

0-250 hours\* at \$20.00/hr (all payroll expenses included): \$0.00-\$5,000.00

- Subject to approval. Request is for 250 hours, however any amount up to 250 hours would be beneficial.

*Approved at \$2000.00*

2002-03 R&E Fund - Final Report  
March 31, 2003

CRE-69-02

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**Project Title:** Assistance with Project proposals and reports

**Contact Person:** Jake Duncan, Dawson Area Habitat Steward, YSC/HCSF

**Project Description:**

Supply assistance to the Dawson Area Habitat Steward in the preparation of quality project reports and proposals, research pertaining to projects and proposals, and, the provision of quality promotional material (photos, etc.).

**Results:**

This project has achieved the objectives of the Habitat Steward proposals (as per criteria), in two ways:

- By specifically assisting outlying communities with technical and professional services, project design (which includes the conduct of field techniques), data analysis, and report writing; and,
- By providing “seed funding” by way of the provision of this assistance -- which will in turn kick-start future R&E, conservation and stewardship projects and programs.

In summary, the project to supply “assistance” to the Dawson Area Habitat Steward has been accomplished in two areas: (1) by assisting the Steward in the development of reporting manuals and templates; and (2) by assisting the Steward on a valuable initiative related to a Community-based Writing Course. In total, 95 of the 100 approved hours were spent on these initiatives.

By assisting the Steward with the development of reporting templates and accompanying manuals, this project has greatly alleviated much of the task of assisting local area people and groups with their final reporting responsibilities, and, has increased the community’s capacity to complete projects in the future, in an appropriate manner. These manuals and templates are now available for use, both within the Dawson area and beyond, and can be distributed by the Panel as they see fit (please see attached files for deliverables).

The assistance gained in conducting background research, proposal writing and limited project coordination in regards to the Community-based Writing Course has both allowed the Steward to accomplish much more work over the winter of 2002-03 and to contribute greatly to this valuable initiative. Additional funding was procured to continue this project as a direct result of this work (and “seed funding”).

Expected results from the Community-based Writing Course are much desired and include: curriculum for 3 course modules (Basic writing skills, writing for the purpose of communication, and technical writing); accompanying textbooks (culturally relevant) for each module; instructor training; and, the

offering of the first course during the winter of 2003-04. The Community-based Writing Course has addressed base-reasons for low effective literacy rates in the region and amongst cultures present. This course will increase the community's capacity to conduct restoration and enhancement projects in an appropriate manner long into the future.

Project Financial Statement:

CRE-69-02	Project: Habitat Steward Assistance (\$2000 approved via R&E)		
ITEM	Approved Budget	Actual	DIFF
Hours	\$2,000.00	\$1,900.00	\$100.00
Materials	\$0.00	\$0.00	\$0.00
Total:	\$2,000.00	\$1,900.00	\$100.00
Yukon River Panel's R&E Fund Contribution:			\$1,900.00
Dawson Area Habitat Steward (DFO-HCSP/YSC) Contribution:			\$0.00
End Balance:			+\$100.00

Jennifer  Duncan  
15 Temple Avenue • Apt. 4 • Toronto, Ontario • M6K 1C7 • (416) 532-9119

Jake Duncan  
Habitat Steward  
Dawson City Region  
Box 844  
Dawson City, YT  
Y0B 1G0

**March 26, 2003**

**INVOICE #005**

*Writing and Research Assistance*


10.5 hours	Research for report templates and manuals
2.0 hours	Writing descriptions for templates
<u>12.5 hours</u>	Writing manuals for report writing
25.0 hours	TOTAL HOURS
	@ \$20/hour discounted rate
<b>\$500.00</b>	<b>TOTAL AMOUNT DUE</b>

071

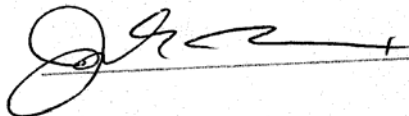
JACOB DUNCAN  
PO BOX 844  
DAWSON YT Y0B 1G0  
Tel: (867) 993-6974

DATE MAR. 25/03

PAY TO THE ORDER OF JENNIFER DUNCAN \$ 500.00

Jacob Duncan  100 DOLLARS  Security features included. Details on back.

**CIBC** Canadian Imperial Bank of Commerce  
P.O. BOX 1320  
DAWSON, YUKON TERRITORY Y0B 1G0

MEMO CAE-69-02  NP

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# Invoice

March 25, 2003

To: Jake Duncan, Dawson Area Habitat Steward

From: Shelby Jordan

For Product and/or Service:

- Work (Formatting, and printing) associated with the Dawson Area Habitat Steward's "Report Template" project, intended to assist local area people with R&E reporting requirements.
- Printing and CD copies, materials inclusive.

20 Hours @\$20.00/hr

Total amount owing: \$400.00

074

DATE MAR. 25/09

JACOB DUNCAN  
PO BOX 844  
DAWSON YT Y0B 1G0  
Tel: (867) 943-6974

PAY TO THE ORDER OF Shelby Jordan

\$ 400.<sup>00</sup>

100 DOLLARS

Security features included. Details on back.

MP

Canadian Imperial Bank of Commerce  
P.O. BOX 1320  
DAWSON, YUKON TERRITORY Y0B 1G0

MEMO CNE-69-02  
Report

⑈074⑈ ⑆00480⑈010⑆ 01⑈08162⑈



Jennifer  Duncan  
15 Temple Avenue • Apt. 4 • Toronto, Ontario • M6K 1C7 • (416) 532-9119

Jake Duncan  
Habitat Steward  
Dawson City Region  
Box 844  
Dawson City, YT  
Y0B 1G0

**March 26, 2003**

**INVOICE #006**

*Writing and Research Assistance*


17.0 hours	Researching technical writing for Community Writing Program
9.5 hours	Researching background for proposals
16.5 hours	Assisting with proposal writing and editing
<u>7.0 hours</u>	Coordinating proposal revisions
50.0 hours	TOTAL HOURS
	@ \$20/hour discounted rate
<b>\$1,000.00</b>	<b>TOTAL AMOUNT DUE</b>

070

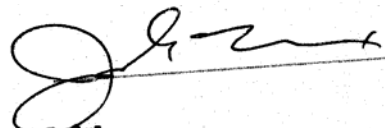
JACOB DUNCAN  
PO BOX 844  
DAWSON YT Y0B 1G0  
Tel: (867) 993-6974

DATE MAR 25/03

PAY TO THE ORDER OF JENNIFER DUNCAN \$ 1,000.00

one thousand ~~XX~~ 100 DOLLARS  Security features included. Details on back.

**CIBC** Canadian Imperial Bank of Commerce  
P.O. BOX 1320  
DAWSON, YUKON TERRITORY Y0B 1G0

MEMO ONE-69-02  MP

⑈070⑈ ⑆00480⑈010⑆ 01008162⑈

## Appendix #6

### Workplan/Proposal R&E Fund 2002/03 Yukon Salmon Committee - HCSP

**Name:** Isaac Anderton, Old Crow/Porcupine River Habitat Steward, YSC/HCSP

**Location:** Old Crow

**Amount Requested:** \$800.00 to \$1,000.00

**Project Description:** Stewardship Essay Writing/Art Contest

**What/When/Where:** An essay writing and art contest on the topic of stewardship of salmon (as well as other fish and wildlife) and their habitats will be carried out in the Chief Zzeh Gittlit School in Old Crow, beginning in October, 2002. There will be separate contests for each class, thereby providing opportunity for each age group to compete among themselves. Culturally relevant first, second, and third prizes (i.e.: tools/materials for traditional activities) will be awarded to each class. The local Habitat Steward will facilitate participatory discussions on stewardship in relation to the fish, wildlife, the land and water in each class, creating a basis from which each teacher will lead their class to participate in the contest. A panel of local representatives from partner organizations will choose relevant prizes and will judge contest entries.

**Partners:** The Vuntut Gwitchin First Nation (Recreation and Natural Resources Departments), the North Yukon Renewable Resources Council, the Chief Zzeh Gittlit School, the local Habitat Steward (Yukon Salmon Committee).

**Costs:** (\$1000) Funds will be used to purchase prizes that are culturally relevant, such as tools that are useful for traditional activities on the land or other traditional activities (i.e.: beadwork, etc).

**Requirement: (Meeting one or more of the Objectives - above)**

These resources will provide the “seed funding” necessary to lever in-kind resources within the community to make this contest a school-wide and prominent event in the community. As local agencies pool their time and energy to make this event a success, they will be elevating awareness of responsible stewardship of the salmon resource from a Gwich’in perspective.

2002-03 R&E Fund - Final Report  
December 13, 2002

CRE-69-02

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**Project Title:** Stewardship Essay Writing/Art Contest

**Contact Person:** Isaac Anderton, Habitat Steward—Porcupine River, YSC/HCS

**Project Description:**

An essay writing and art contest on the topic of stewardship of salmon (as well as other fish and wildlife) and their habitats will be carried out in the Chief Zzeh Gittlit School in Old Crow, beginning in October 2002. There will be separate contests for each class, thereby providing opportunity for each age group to compete among themselves. Culturally relevant first, second, and third prizes (i.e.: tools/materials for traditional activities) will be awarded to each class. The local Habitat Steward will facilitate participatory discussions on stewardship in relation to the fish, wildlife, the land and water in each class, creating a basis from which each teacher will lead their class to participate in the contest. A panel of local representatives from partner organizations will choose relevant prizes and will judge contest entries. Approved funding was for \$1000.

**Results:**

In October 2002, the local Habitat Steward conducted discussions about ecology, and Stewardship of the land, water, and wildlife, in each of the three classes at Chief Zzeh Gittlit School. Subsequently, each class participated in an art/essay contest. The senior class (grades 7-9) wrote essays as an assignment for their literary arts curriculum. The middle class (grades 4-6), had the choice of submitting written essays or drawings. The youngest class (grades 1-3) submitted drawings. All submissions were received by November 13<sup>th</sup>, however, due to deaths in the community and other local delays, judging could not take place until December 10<sup>th</sup>. The local panel (composed of representatives from the North Yukon RRC, VGFN, and the Recreation Society) decided that prizes that would be useful for outdoor activities would be most appropriate. Prizes were purchased by the local Habitat Steward from Taiga, SIR, and Canadian Tire. The chosen winners were as follows:

Grades 1-3:

1<sup>st</sup> Prize: Jamie Tetlich—Sleeping Bag with fleece liner

2<sup>nd</sup> Prize: Briana Tetlich—Fishing Rod & Reel

3<sup>rd</sup> Prize: Melissa Lord—Mini-Mag flashlight with case

Grades 4-6:

1<sup>st</sup> Prize: Chelsea Charlie—Sleeping Bag with fleece liner

2<sup>nd</sup> Prize: Sheila Kaye—Fishing Rod & Reel

3<sup>rd</sup> Prize: Randy Tetlich—Mini-Mag flashlight with case

Grades 7-9:

1<sup>st</sup> Prize: TBA —2 Person Tent

2<sup>nd</sup> Prize: TBA—Binoculars

3<sup>rd</sup> Prize: Crystal Frost—Gerber Multi-tool

The local recreation coordinator returned to each class to announce the winners and distribute the prizes.

The resources contributed by the R&E fund provided the “seed funding” necessary to lever in-kind resources within the community to make this contest a school-wide and successful event. As local representatives from local agencies, including teachers, local recreation director, RRC members, VGFN representatives, and the local Habitat Steward, pooled their time and energy to make this event a success, they elevated the awareness of responsible stewardship of salmon and other renewable resources from a Gwich’in perspective.

*This project was successfully completed with slightly more than the approved budget of \$1000.00. An additional \$124.85 was contributed from the Porcupine River Habitat Steward (YSC/HCSP) budget to cover additional shipping and GST costs. Please see the following project financial statement:*

Project Financial Statement:

ITEM	Approved Budget	Actual	Over/Under
CRE-69-02	Project: Stewardship Essay Writing/Art Contest		
Prizes	\$1000.00	\$977.40	\$22.60
Other (GST, Shipping)		\$147.45	(\$147.45)
Total:	\$1000.00	\$1124.85	(\$124.85)
Yukon River Panel's R&E Fund Contribution:			\$1000.00
Habitat Steward—Porcupine River (DFO-HCSP/YSC) Contribution:			\$124.85

## Appendix #7

### Workplan/Proposal R&E Fund 2002/03 Yukon Salmon Committee - HCSP

**Name:** Isaac Anderton, Old Crow/Porcupine River Habitat Steward, YSC/HCSP

**Location:** Old Crow

**Amount Requested:** \$800.00 to \$1200.00

**Project Description:** Local Fisheries Reference Materials and Equipment

**What/When/Where:** Over the past two years, community-based fisheries projects and other activities of the local Habitat Steward in Old Crow have contributed overall resource management. During this time, certain equipment and reference material to conduct fisheries related studies has been gathered and maintained. This proposal is to expand basic reference materials available to the community, as well as purchase of some basic equipment. Specifically, 6-9 reference books related to salmon or fish and their habitat, a small quantity of temperature data loggers & associated computer software, and a beach seine net will be purchased. All will be available in Old Crow to the community and will assist in the development of community based R&E and other stewardship projects. All materials will be purchased before the end of January 2003, and will be available through the Vuntut Gwitchin First Nation and the North Yukon RRC.

**Partners:** The Vuntut Gwitchin First Nation, the North Yukon RRC, the local Habitat Steward (Yukon Salmon Committee).

**Costs: (\$800-\$1200)** These funds will provide for the 6-9 reference books related to salmon or fish and their habitat, a small quantity of temperature data loggers & associated computer software, and a beach seine net will be purchased, all for use in R&E and other community stewardship initiatives.

**Requirement: (Meeting one or more of the Objectives - above)**

This project will provide for the purchase of materials and equipment that will assist an outlying community with project design, the conduct of field techniques, data analysis, and report writing. It will also provide some funding for field equipment purchases to be used in R&E and other stewardship initiatives.

2002-03 R&E Fund - Final Report  
March 12<sup>th</sup>, 2003

CRE-69-02

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**Project Title:** Local Fisheries Reference Materials and Equipment

**Contact Person:** Isaac Anderton, Habitat Steward—Porcupine River, YSC/HCSP

**Project Description:**

Over the past two years, community-based fisheries projects and other activities of the local Habitat Steward in Old Crow have contributed overall resource management. During this time, certain equipment and reference material to conduct fisheries related studies has been gathered and maintained. This project aims to expand basic reference materials available to the community, as well as purchase of some basic equipment. Specifically, 7 reference books related to salmon or fish and their habitat, as well as 2 minnow sampling nets were purchased. All will be available in Old Crow to the community and will assist in the development of community based R&E and other stewardship projects. All materials will be available through the Vuntut Gwitchin First Nation and/or the North Yukon RRC. Approved funding was for \$1000, but was not to include data loggers as originally proposed.

**Results:**

The local Habitat Steward reviewed literature available through the American Fisheries Society (AFS) and other sources. A number of titles of interest were noted, and six of them were ordered from the AFS. One additional title was ordered from the University of British Columbia Press.

The local Habitat Steward reviewed sources of beach seine and other nets, and, subsequently ordered 2 nets from Cabelas outdoor supply company.

The following titles and nets were purchased:

- Fisheries Techniques (2<sup>nd</sup> Edition)
- Methods for Fish Biology
- Biological Indicators of Aquatic Ecosystem Stress
- Fisheries in a Changing Climate
- Fish Hatchery Management
- Glossary of Aquatic Habitat Inventory
- Pacific Salmon Life Histories
- 1, polyester ¼” mesh, 20’ seine net
- 1, Fitec Pro-Selecte ¼” mesh, 8’ cast net

The resources contributed by the R&E fund provided the necessary funding to secure valuable reference materials and research tools. These materials and tools will provide the community with needed assistance in developing and conducting salmon research projects, as well as an educational resource. The reference materials will be available at the Renewable Resources Council office in Old Crow, and will be maintained by the RRC and/or the local R&E project coordinator.

*The project was successfully completed within the approved budget of \$1000.00, coming in just under, at \$966.60. Please see the following project financial statement:*

Project Financial Statement:

CRE-69-02	PROJECT: Local Fisheries Reference Materials and Equipment		
ITEM	Approved Budget	Actual	Under/ Over
	\$1000.00		
Fisheries Techniques (2 <sup>nd</sup> Edition)		\$130.32 (86.00US)	
Methods for Fish Biology		\$96.98 (64.00US)	
Biological Indicators of Aquatic Ecosystem Stress		\$104.55 (69.00US)	
Fisheries in a Changing Climate		\$90.94 (60.00US)	
Fish Hatchery Management		\$107.59 (71.00US)	
Glossary of Aquatic Habitat Inventory		\$30.31 (20.00US)	
Pacific Salmon Life Histories		\$99.95	
1, nylon ¼" mesh, 20' seine net		\$57.40 (37.99US)	
1, Fitec Pro-Selecte ¼" mesh, 8' cast net		\$119.34 (78.99US)	
Sub-Total Books/Nets:		\$837.38	
Other Costs:			
Shipping:		\$19.57 (12.95US) + \$46.84 (31.00US)	
Duty/Brokerage Fees		\$5.30 (3.50US) + \$38.13	
GST		\$12.38 (8.19US) + \$7.00	
Sub-Total Other Costs:		\$129.22	
<hr/>			
TOTAL:	\$1000.00	\$966.60	\$33.40

## Appendix #8

### Workplan/Proposal R&E Fund 2002/03 Yukon Salmon Committee - HCSP

**Name:** Isaac Anderton, Old Crow/Porcupine River Habitat Steward, YSC/HCSP

**Location:** Old Crow/Whitehorse

**Amount Requested:** \$1,000.00

**Project Description:** GIS Mapping/Planning Assistance for R&E Projects

**What/When/Where:** Applied Ecosystem Management will be contracted to digitize a basic spatial representation of salmon habitat research data collected in 2001 and 2002 R&E projects, as well as other known data on Porcupine River salmon habitat. This will accomplish two main objectives: First, to create a platform from which future data will be added, beginning what will be a digital and visually accessible database of salmon/fish habitat information for the Porcupine River watershed. Second, to provide a visual representation of salmon habitat information that will be very valuable to local agencies in their planning for R&E projects.

**Partners:** The Vuntut Gwitchin First Nation Natural Resources Department (VGFN), the local Habitat Steward (Yukon Salmon Committee). The local Habitat Steward will work with VGFN and Applied Ecosystem Management to ensure that representation of the data is compatible with VGFN's GIS system, and that it meets the planning needs of the community.

**Costs:** Funds will be used to cover the costs of a contract with Applied Ecosystem Management to carry out this work.

**Requirement: (Meeting one or more of the Objectives - above)**

These resources will provide the community of Old Crow with needed technical and professional assistance in data analysis required to assist the community in design of future R&E projects.



2002-03 R&E Fund - Final Report  
 February 17, 2003  
 CRE-69-02

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**Project Title:** GIS Mapping/Planning Assistance for R&E Projects

**Contact Person:** Isaac Anderton, Habitat Steward—Porcupine River, YSC/H CSP

**Project Description:**

Applied Ecosystem Management will be contracted to digitize a basic spatial representation of salmon habitat research data collected in 2001 and 2002 R&E projects, as well as other known data on Porcupine River salmon habitat. This will accomplish two main objectives: First, to create a platform from which future data will be added, beginning what will be a digital and visually accessible database of salmon/fish habitat information for the Porcupine River watershed. Second, to provide a visual representation of salmon habitat information that will be very valuable to local agencies in their planning for R&E projects. Approved funding was for \$1000.

**Results:**

In Early December 2002, the local Habitat Steward met with representatives of Applied Ecosystem Management (AEM) to discuss the some of the data to be digitized. AEM began their work at that time. Further data under analysis by the Habitat Steward was provided to AEM in February 2003. AEM then completed the digital database, which was provided on CDROM to the Habitat Steward. The database will be loaded onto the VGFN Natural Resources computer that designated for GIS activities.

The resources contributed by the R&E fund provided the necessary funding to secure technical and professional assistance required to create a database of digital salmon habitat information. This database will now provide a platform to which future data can be digitized and added, becoming a single, growing source of known salmon habitat information for the Porcupine River watershed. This information will now be visually accessible to local resource managers and planners of future R&E projects.

*The project was successfully completed within the approved budget of \$1000.00, coming in just under, at \$984.38. Please see the following project financial statement:*

Project Financial Statement:

CRE-69-02	Project: GIS Mapping/Planning Assistance for R&E Projects		
ITEM	Approved Budget	Actual	Over/Under
AEM Consulting Fees	\$1000.00	\$984.38	\$15.62
Other		\$0	\$0
<hr/>			
<b>Total:</b>	<b>\$1000.00</b>	<b>\$984.38</b>	<b>\$15.62</b>

## Appendix #9

### Workplan/Proposal R&E Fund 2002/03 Yukon Salmon Committee - HCSP CRE 69-02

**Name:** On Behalf of all YSC Habitat Stewards

**Location:** Whitehorse

<b>Amount Requested:</b> Haines Junction (Brad Wilson) -	\$ 1,000.00
Old Crow (Isaac Anderton) -	\$ 1,000.00 –\$1,500.00
Teslin (George Sydney) -	\$ 5,000.00
Carmacks/Pelly (Bev Brown) -	\$ 2,500.00
Dawson (Jake Duncan) -	\$ 0.00
Whitehorse (Dave Sembsmoen) -	\$ 0.00
<b>Total Requested</b>	<b>- \$9,500-\$10,000</b>

**Project Description:** Travel Assistance Fund for upcoming Fisheries Career Symposium/Youth Conference in Whitehorse

This project will assist the Habitat Stewards with travel costs of bringing in youth from their respective communities to the Fisheries Career Symposium being held in Whitehorse as part of the Bring Youth Towards Equality (BYTE) Youth Conference on January 31<sup>st</sup> and February 1<sup>st</sup>, 2003. The objective of the HCSP Fisheries Symposium is to bring Yukon youth together into an “energized setting” where they will be exposed to all aspects of fisheries-related careers and activities. This will include a broad range of guest speakers from Federal, Territorial, and Municipal government agencies, First Nations, and the private sector. Youth who have worked with Habitat Stewards in the communities on salmon habitat stewardship type projects will also present their experiences. Travel funds will be pooled and distributed in a manner to ensure equal opportunity for participant travel from all Yukon communities.

The incorporation of the HCSP Fisheries Symposium as part of the BYTE Youth Conference will take advantage of BYTE’s expertise and momentum and piggyback an event that will already draw significant numbers of youth from around the Territory. Goals of the Fisheries Symposium include:

- Build interest in youth and young adults regarding fisheries work and related activities;
- Provide information on a cross-section of fisheries related careers;
- Provide a better understanding of salmon and fisheries management;
- Encourage young people to become interested and involved in fisheries related work and careers;
- Encourage a wide-ranging “stewardship ethic” among youth; and,
- To develop the idea that working with fish and fish habitat is “cool!”

Partners in this project include:

- BYTE, Yukon First Nations, DFO, YTG, Yukon Salmon Committee, Yukon Habitat, Stewards, City of Whitehorse, Yukon College, Private sector companies and organizations, and more

**Requirement: (Meeting one or more of the Objectives outlined in the Guidelines)**

This project funding will provide needed resources as “seed funding” to lever in-kind and monetary resources to be used for the development, production of, and travel to the Fisheries Symposium, a large stewardship undertaking.

2002-03 R&E Fund - Final Report  
March 13, 2003

CRE-69-02

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**Name:** Common Proposal for Fisheries Career Day Travel  
On Behalf of All YSC Stewards  
Prepared by Stephanie Muckenheim – Stewardship Coordinator

**Location:** Whitehorse

**Amount Spent:** \$5289.94

**Project Description:**

This Project was an initiative of the Yukon Salmon Committee's Habitat Conservation and Stewardship Program with assistance from the Yukon Fish and Wildlife Management Board's Stewardship Coordinator, the City of Whitehorse's Habitat Coordinator, the Yukon Conservation Society's Habitat Steward and Sara Bergquist, the Contractor who was hired to coordinate the Project. The Project Coordinator along with the Habitat Stewards designed and coordinated a *Fisheries Career Day*, which took place on Thursday January 30<sup>th</sup>, highlighting fisheries related careers to youth across the Yukon Territory. Also part of the Project was the coordination of HCSP's participation in the *Bringing Youth Towards Equality (BYTE) Conference*, which took place in Whitehorse on January 31 and February 1, 2003.

Objective:

The Habitat Steward's main objective was to bring together youth from across the Yukon into an "energized setting" to expose them to fisheries-related careers and activities in order to show them that fisheries jobs are "cool." The goal was to try to entice a broad cross section of community youth, especially those interested in pursuing an education, career goals and/or employment in fisheries and renewable resource management related fields. Our target audience was youth between 13 and 18 years of age. The funding provided by the Yukon River Restoration and Enhancement Fund for this proposal paid for travel to Whitehorse for youth and chaperones from communities outside of Whitehorse, accommodations, supper for two nights, and meals and snacks on Fisheries Career Day.

**Requirement:**

This project allowed a wide variety of youth from various communities outside the Yukon, as well as Whitehorse youth, the opportunity to participate in Fisheries Career Day, as well as the *Bringing Youth Toward Equality Conference*, which were held January 30<sup>th</sup> to February 1<sup>st</sup>, 2003. Presenters included a broad range of guest speakers from Federal, Territorial, and Municipal government agencies, and the private sector. Youth who have worked with Habitat Stewards in the communities on salmon habitat stewardship type projects also presented their experiences. By organizing and holding Fisheries Career Day the Habitat Stewards provided a forum where information on a cross-section of fisheries related careers was highlighted. This accomplished the following project objectives:

- Building interest in youth and young adults regarding fisheries work and related activities;
- Providing a better understanding of salmon and fisheries management;

- Encouraging young people to become interested and involved in fisheries related work and careers, and;
- Encouraging a wide-ranging “stewardship ethic” among youth.

This helped to develop and encourage the idea that working with fish and fish habitat is “cool!”  
The Fisheries Career Day was a complete success.

### Financial Accounting:

FISHERIES CAREER DAY BUDGET				
Money Available	CA 1622-0216 HCSP		RE 37B-01	CRE 69-02 Travel
	\$10,000		\$9,496.67	\$10,000.00
		PAID	PAID	PAID
<b>Services</b>				
Contractor			6400	6400
Professional Services	1600	1600		
Wages and Benefits	900	900		
Honoraria	225	225		
Contribution/Partnership BYTE	3500	3500		
Youth Conference Registration	900	900		
Skills Canada Video tapers	85	85		
<b>Travel</b>				
Air from Old Crow return				1307.04
Haines Junction return				158
Teslin return				91.5
Pelly Crossing return				141
Beaver Creek return				228.5
Atlin return				91
Van Rental				213.78
Gas Isaac				37
Gas Sara				19.24
<b>Accommodation</b>				
Hotels 4 nights				1618.91
<b>Advertising</b>				
Posters/Brochures			414.36	414.36
Yukon News			674.77	674.77
Whitehorse Star			385.59	385.59
Movie Theatre Slide Ad			150	150
CHON FM			321	321
CKRW			319.93	319.93
Posters with BYTE	90	90		
<b>Miscellaneous</b>				
Cell Phone	0	0		
Air time for cell phone	0	0		
Mini DV	61.97	61.97		
Slide Film and Processing	12.82	12.82		
Calling Card	20	20		

Blank CD's	10.69	10.69				
Ink Cartridges	100.56	100.56				
Copy Card Yukon College	5	5				
Envelopes	7.47	7.47				
Postage	16.44	16.44				
Thank-you cards	29.12	29.12				
Thank-you gift for Contractor	45.9	45.9				
<b>Meals and Activities</b>						
Meals & snacks @ college					775.22	775.22
Supper - Wednesday 45x\$10					233.75	233.75
Swimming	43	43				
Swimming	12.5	12.5				
Laser Tag/Planet Laser	234.74	234.74				
Bowling	245	245				
Supper - Thursday Bocelli's					375	375
<b>Facility Rental</b>						
Beringia	32	32				
Yukon College			235.4	235.4		
<b>Welcome Packs</b>						
Juice box	18.05	18.05				
Granola bars	11.72	11.72				
Notebooks	29.64	29.64				
Pens	19.11	19.11				
Pencils	19.22	19.22				
DFO t-shirts	38.52	38.52				
DFO t-shirts	470.8	470.8				
Bags YTG	250	250				
<b>Total</b>	<b>9034.27</b>	<b>9034.27</b>	<b>8901.05</b>	<b>8901.05</b>	<b>5289.94</b>	<b>5289.94</b>
<b>Grand Total =</b>	<b>23225.26</b>					

**Total spent from CRE 69-02 was \$5289.94**

## Appendix #10



# Yukon Salmon Committee Habitat Conservation and Stewardship Program



Feb. 28<sup>th</sup>, 2003

RE: Expenses Incurred For Cancelled CRE-69-02 Project

To Whom It May Concern:

The mini-project "Assistance for Revival of Freshwater Fishery" for Old Crow under CRE-69-02 was cancelled in early December due to a number of setbacks. As I explained at that time, the project had been organized, set up, and some work had even begun. However, a series of delays forced it to be cancelled. These included warm weather causing unsafe ice conditions, as well as some subsequent deaths in the community.

Joel Peter was hired to conduct the project. He was given gas to get started with breaking the trail to the selected lakes and scout out and set up camp. He did accomplish this, but was subsequently faced with the previously mentioned delays. The cost of this gas (just over \$200) was billed to me, and I subsequently submitted it with the invoice on an expense claim. Therefore, although the project was cancelled, this expense had already been incurred.

I hope that this clarifies the billing of this expense.

Thank You.

Sincerely,  
Isaac Anderton