PROPOSAL SIGNATURE FORM

THIS FORM MUST BE SIGNED BY THE PROPOSED PRINCIPAL INVESTIGATOR AND SUBMITTED ALONG WITH THE PROPOSAL. If the proposal has more than one investigator, this form must be signed by at least one of the investigators, and that investigator will ensure that Trustee Council requirements are followed. Proposals will not be reviewed until this signed form is received by the Trustee Council Office.

By submission of this proposal, I agree to abide by the Trustee Council's data policy (*Trustee Council Data Policy**, adopted July 9, 2002) and reporting requirements *(Procedures for the Preparation and Distribution of Reports***, adopted June 27, 2007).

PROJECT TITLE: Plan for Community Involvement & Monitoring Strategies

Printed Name of PI: Marilyn Sigman, CACS Executive Director

Signature of PI: _____ Date _____

Printed Name of co-PI: _____

Signature of co-PI: _____ Date _____

Printed Name of co-PI: _____

Signature of co-PI: _____ Date _____

* Available at www.evostc.state.ak.us/Policies/data.htm
** Available at www.evostc.state.ak.us/Policies/guidelines.htm

Trustee Council Use Only
Project No: **080575**
Date Received: **November 27, 2007**

PROPOSAL SUMMARY PAGE
(To be filled in by proposer)

Project Title: Plan for Community Involvement & Monitoring Strategies

Project Period: October 1, 2007 – September 30, 2008

Proposer(s):

Center for Alaskan Coastal Studies, Inc., P.O. Box 2225, Homer, Ak 99603; Phone: (907) 235-6667; Fax (907) 235-6668

Marilyn Sigman, Executive Director and Project PI; marilyn@akcoastalstudies.org,

Study Location: Prince William Sound

Abstract: As requested by the EVOS Executive Director, this proposal is designed to produce a workable and effective community-involvement plan through a re-worked and condensed version of PJ 030575 – "Designing a Community Involvement/Community-based Monitoring Project for GEM." This proposal will formulate community involvement strategies for implementation as an effective part of the Environmental Education and Community Outreach program being designed for an approach to restoration in the context of community involvement, research and consultation. Development of this guidance document will require not only a review of PJ 030575 and the community report, but will involve discussions with EVOS Executive Director, the members of the Public Advisory Committee, and the staff of other agency programs to fully understand the desired current approach and the lessons learned from other community involvement program strategies. Input and review for this plan will also be sought through presentations at the Alaska Marine Science Symposium and the Alaska Forum for the Environment in January and February 2008.

Funding: EVOS Funding Requested: FY 08: $ 8.2
(must include 9%GA)

TOTAL: $ 8.2

Non-EVOS Funds to be Used: FY 08 $ .00

TOTAL: $ 8.2

Date: November 27, 2007

(NOT TO EXCEED ONE PAGE)

PROJECT PLAN

I. NEED FOR THE PROJECT

A. Statement of Problem

Identify the problem the project is designed to address. Describe the background and history of the problem. Include a scientific literature review that covers the most significant previous work history related to the project.

B. Relevance to 1994 Restoration Plan Goals and Scientific Priorities

Discuss how the project will evaluate the hypotheses or questions posed in the Invitation. Describe the results you expect to achieve during the project, the benefits of success as they relate to the topic under which the proposal was submitted, and the potential recipients of these benefits. Discuss the utility of the research proposed for addressing the objectives described in the invitation.

II. PROJECT DESIGN

A. Objectives

List the objectives of the proposed research, the hypotheses being tested during the project, and briefly state why the intended research is important.

B. Procedural and Scientific Methods

For each objective listed in A. above, identify the specific methods that will be used to meet the objective. In describing the methodologies for collection and analysis, identify measurements to be made and the anticipated precision and accuracy of each measurement and describe the sampling equipment in a manner that permits an assessment of the anticipated raw-data quality.

If applicable, discuss alternative methodologies considered, and explain why the proposed methods were chosen. In addition, projects that will involve the lethal collection of birds or mammals must comply with the Trustee Council's policy on collections, available at http://www.evostc.state.ak.us/Policies/other.cfm

C. Data Analysis and Statistical Methods

Describe the process for analyzing data. Discuss the means by which the measurements to be taken could be compared with historical observations or with regions that are thought to have similar ecosystems. Describe the statistical power of the proposed sampling program for detecting a significant change in numbers. To the extent that the variation to be expected in the response variable(s) is known or can be approximated, proposals should demonstrate that the sample sizes and sampling times (for dynamic processes) are of sufficient power or robustness to adequately test the hypotheses. For

environmental measurements, what is the measurement error associated with the devices and approaches to be used?

D. Description of Study Area

Where will the project be undertaken? Describe the study area, including if applicable decimally-coded latitude and longitude readings of sampling locations or the bounding coordinates of the sampling region (e.g., 60.8233, -147.1029, 60.4739, -147.7309 for the north, east, south and west bounding coordinates). The formula for converting from degree minute seconds to decimal degrees is: degrees + (minutes/60) + (seconds/3600) so 121°8'6" = 121. + (8/60) + (6/3600) = 121.135

E. Coordination and Collaboration with Other Efforts

Indicate how your proposed project relates to, complements or includes collaborative efforts with other proposed or existing projects funded by the Trustee Council. Describe any coordination that has taken or will take place (with other Council funded projects, ongoing agency operations, activities funded by other marine research entities, etc.) and what form the coordination will take (shared field sites, research platforms, sample collection, data management, equipment purchases, etc.). If the proposed project requires or includes collaboration with other agencies, organizations or scientists to accomplish the work, such arrangements should be fully explained and the names of agency or organization representatives involved in the project should be provided. If your proposal is in conflict with another project, note this and explain why.

III. SCHEDULE

A. Project Milestones

For each project objective listed above (II.A.), specify when critical project tasks will be completed. Project reviewers will use this information in conjunction with annual project reports to assess whether projects are meeting their objectives and are suitable for continued funding. Please format your information like the following example.

Objective 1. Develop sediment-core chronologies in lake-productivity indicators.
To be met by September 2008

Objective 2. Compare sediment data corresponding to the past few decades to salmon population statistics.
To be met by December 2007

Objective 3. Reconstruct time-series of lake productivity, input of marine-derived nutrients, and salmon escapement.
To be met by April 2008

B. Measurable Project Tasks

Specify, by each quarter of each fiscal year, when critical project tasks (for example, sample collection, data analysis, manuscript submittal, etc.) will be completed. This information will be the basis for the quarterly project progress reports that are submitted to the Trustee Council Office. Please format your schedule like the following example.

FY 08, 1st quarter (October 1, 2007-December 31, 2007)
October: *Project funding approved by Trustee Council*

FY 08, 2nd quarter (January 1, 2008-March 31, 2008)
(dates not yet known) *Annual Marine Science Symposium*

FY 08, 3rd quarter (April 1, 2008-June 30, 2008)
April 30: *Core Upper Russian Lake*
May 30: *Core Delight Lake*

FY 08, 4th quarter (July 1, 2008-September 30, 2008)
September 1: *Core Hidden Lake*

FY 09, 1st quarter (October 1, 2008-December 31, 2008)
December 15: *Prepare Manuscript for Peer Review*

FY 09, 2nd quarter (January 1, 2009-March 31, 2009)
(dates not yet known) *Annual Marine Science Symposium*

FY 09, 3rd quarter (April 1, 2009-June 30, 2009)
April 15 *Submit final report.*

IV. RESPONSIVENESS TO KEY TRUSTEE COUNCIL STRATEGIES

A. Community Involvement and Traditional Ecological Knowledge (TEK)

Every successful proposal is required to develop a community involvement plan that specifies how relevant coastal communities, concerned commercial and sport fishers and subsistence harvesters, local science interests such as public schools and university operations, will be informed and engaged in the project. The degree to which the activities of each proposed project allow involvement with local communities and incorporation of local knowledge will vary, but some kind of interaction with communities is required. Reviewers will give additional consideration to proposals that demonstrate meaningful community involvement and/or make use of traditional ecological knowledge (TEK). Use this section to address the following questions, if applicable: How will affected communities be informed about the project and be given an opportunity to provide their input? How will research findings and other project information be communicated to local communities? To what extent will local hire be used for the acquisition of such things as vessels, technicians, and equipment? To what extent will traditional and local knowledge be incorporated into the project? Do not

simply provide a statement that a proposal is expected to benefit a community without demonstrating that one or more representatives of the community have been contacted prior to proposal submission and have agreed to work with the proposers in developing the community involvement components of the proposal. Community contacts should be identified in this section.

If you would like assistance in developing a community involvement or traditional knowledge component for your proposal, contact the Trustee Council office. Please note that in December 1996 the Trustee Council adopted protocols for including traditional knowledge in EVOS projects. See *Protocols for Including Indigenous Knowledge in the EVOS Restoration Process* available at www.evostc.state.ak.us/Policies/other.htm.

B. Resource Management Applications

Reviewers will be given additional consideration for proposals that have resource management applications. The development of tools, technologies and information that can help resource managers and regulators improve management of marine resources and address problems that may arise from human activities are a critical part of this invitation. Use this section to describe how your proposal might result in knowledge or products that would contribute to meeting this goal. Do not simply provide a statement that a proposal is expected to have resource management applications without demonstrating that one or more representatives of a resource management agency have been contacted prior to proposal submission and have agreed to work with the proposers in developing the resource management components of the proposal. Resource management agency contacts should be identified in this section.

V. PUBLICATIONS AND REPORTS

If you are requesting funding for publication of project results in a peer-reviewed journal, provide the subject/title of each manuscript, the name of the peer-reviewed journal(s) to which you plan to submit it, and when the manuscript will be submitted. The Trustee Council expects publication of project results in peer-reviewed journals as soon as scientifically appropriate and logistically possible. The Council has adopted a policy regarding an acknowledgment and disclaimer to be used in publishing results of projects it has supported.

In addition to publications, annual reports are required on multi-year projects by September 1 of each fiscal year for which funding is received; final reports are required upon project completion. With approval of the Science Director, the publications discussed above may satisfy a portion of the report requirements.

For more information, see *Procedures for the Preparation and Distribution of Reports* at http://www.evostc.state.ak.us/Policies/reporting.cfm