13.08.01 – Reading File

September 2002

Exxon Valdez Oil Spill Trustee Council

441 W. 5th Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178

September 26, 2002

John Lubar
Area Director, North Coast
Fisheries & Oceans Canada
417 2nd Avenue W, Room 207
Prince Rupert, British Columbia V8J 1G8

Dear Mr. Lubar:

We are writing you, as board members of the Pacific Salmon Commission's Northern Fund, to invite you to a joint meeting of the *Exxon Valdez* Oil Spill Trustee Council, the North Pacific Research Board, the University of Alaska and the Northern Fund to discuss issues of mutual concern in the North Pacific Ocean. As major funding entities for the marine resources in this region, we have been directed by our boards to look at ways to improve coordination and collaboration among the major funding entities doing marine research in waters off Alaska. This meeting is a first step in what we see as a long-term commitment.

Due to a multitude of scheduling conflicts, the date we have been able to settle on between our two organizations is Tuesday, October 29, at the Hotel Captain Cook in Anchorage. A draft agenda is attached. The United States members of the Northern Fund are available on this date (Frank Rue will represent the Alaska Department of Fish and Game), and we hope that the Canadian members will be able to join us as well. Since we view your participation as an important part of this collaborative process, we have made some travel funds available if you need them.

Please let Molly McCammon know as soon as possible if you will be able to attend and if you have suggestions for the agenda.

Sincerely,

Molly McCammon
Executive Director
Exxon Valdez Oil Spill Trustee Council

Clarence Pautzke
Executive Director
North Pacific Research Board

September 25, 2002 DRAFT

Joint Meeting:
Exxon Valdez Oil Spill Trustee Council, North Pacific Research Board, Northern Fund, University of Alaska

Hotel Captain Cook
October 29, 2002
1:00 p.m. to 5:30 p.m.

1:00 p.m. – 2:00 p.m.

1. Research and Monitoring Planning
   - GEM Process Update
   - NPRB Planning Process – NRC committee
   - Northern Fund Planning Process
   - University of Alaska plans

   Discussion
   - Identification of Joint Research Priorities
   - Potential Synchronization of Proposal Process
   - Coordination and collaboration

2:00 p.m. – 3:00 p.m.

2. Information and Data
   - PICES North Pacific Report
   - Status of Oceans and Watersheds Report
   - Presentations on University of Alaska systems:
     AK Research & Development Database (ARAD) - Kara Nance
     Geographic Information Network of AK (GINA) – Buck Sharpton
   - Development of Web-based information systems: EVOS, NPRB

   Discussion
   - Coordination and collaboration

3:00 p.m. – 3:15 p.m.

BREAK

3:15 p.m. – 4:15 p.m.

3. Draft Memorandum of Agreement (MOA)
   - Purpose and findings
   - Cooperative and coordinated research planning
   - Information and data
   - Shared resources

- Joint meetings
- Participation of other entities and facilities

4:15 p.m. – 5:00 p.m.

4. Presentations
   - IOOS/CAOS, Phil Mundy and Two Crow
   - BASIS, John White and Jack Helle

5:00 p.m. – 5:30 p.m.

5. Public comment

5:30 p.m. – 7:30 p.m.

Reception – Quarter Deck

Exxon Valdez Oil Spill Trustee Council

441 W. 5th Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178

September 26, 2002

Ron Fowler
3036 Point Grey Road
Vancouver, British Columbia V6K 1B1

Dear Mr. Fowler:

We are writing you, as board members of the Pacific Salmon Commission's Northern Fund, to invite you to a joint meeting of the *Exxon Valdez* Oil Spill Trustee Council, the North Pacific Research Board, the University of Alaska and the Northern Fund to discuss issues of mutual concern in the North Pacific Ocean. As major funding entities for the marine resources in this region, we have been directed by our boards to look at ways to improve coordination and collaboration among the major funding entities doing marine research in waters off Alaska. This meeting is a first step in what we see as a long-term commitment.

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Executive Director
Exxon Valdez Oil Spill Trustee Council

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Exxon Valdez Oil Spill Trustee Council

441 W. 5th Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178

September 26, 2002

Gordon Zealand
Regional Negotiator, Pacific Region
Fisheries & Ocean Canada
100-419 Range Road
Whitehorse, Yukon Y1A 3V1

Dear Mr. Zealand:

We are writing you, as board members of the Pacific Salmon Commission's Northern Fund, to invite you to a joint meeting of the *Exxon Valdez* Oil Spill Trustee Council, the North Pacific Research Board, the University of Alaska and the Northern Fund to discuss issues of mutual concern in the North Pacific Ocean. As major funding entities for the marine resources in this region, we have been directed by our boards to look at ways to improve coordination and collaboration among the major funding entities doing marine research in waters off Alaska. This meeting is a first step in what we see as a long-term commitment.

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Sincerely,

Molly McCammon
Executive Director
Exxon Valdez Oil Spill Trustee Council

Clarence Pautzke
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Exxon Valdez Oil Spill Trustee Council

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read file copy

Julie Olson
Elgee, Rehfeld, Mertz and Barrett
9309 Glacier Highway, Suite B-200
Juneau, AK 99801

Dear Julie,

In response to your letter dated September 24, 2002, I am sending the documents you requested and some additional ones that I know you will want. I have sent the following documents by email:

File Name	File Description
FY02crt.xls	FY 02 court notice spreadsheet that gets submitted to the court as part of the notice
FY 02 List of Disbursement from EVOS funds.doc	All FY 02 disbursements from the Investment, GeFONSI, and/or NRDAR funds
DOI EVOS 1st QTR Rpt FY2002.xls DOI EVOS 2nd QTR Rpt FY2002.xls DOI EVOS 3rd QTR Rpt FY2002.xls	Quarterly Financial reports from DOI – 4th quarter is not due until 10/31/02.
EVOS 2nd Qtr FY2002 – EVOS Civil & Criminal Funds status.xls EVOS 3rd Qtr (civil and combined) Fund status.xls	Interest earned on NRDAR fund. Don't have first quarter electronically so will send hardcopy.
2002 EVOS Civil CFP 10-26-01.xls 2002 EVOS Civil CFP 01-02-02.xls 2002 EVOS Civil CFP 06-03-02.xls	Cash Flow Plan for NRDAR disbursements to federal Trustee agencies
Procedures for Withdrawing Money Tillery Version.doc	Procedures for Investment, GeFONSI, and NRDAR funds withdrawals
Pb – project budget by line item.xls	Updated because moved funds within line items in project 11926309 and moved funds between projects from 11926309 to 11925509. Documentation will be provided in hard copy.
02100operationsonly.xls	Detail by line items of TC office budgets (100, 455, 535, 550, and 630)

The following documents are attachments to this letter:

- ✓ FY 02 Court Notices and the court notice index page 2 that details each notice
- ✓ Project budgets, detailed descriptions, and approval letters for all projects to be tested (No Authorization Memos for 02100, 02126, or 02630; 02100 DPD one copy with ADEC's 100 budget; 02126 DPD one copy with USFWS's 02126 budget)
- ✓ FY 02 first quarter interest earned on the NRDAR fund (did not have electronic copy)
- ✓ Schedule of interest earned on GeFONSI (September not available until 10/14/02) and NRDAR funds (4th quarter not available)
- ✓ RSA invoices from Alaska Department of Revenue for fees on the EVOS Investment Fund
- ✓ Documentation for projects 02100, 02455, and 02630 moving funds between line items
- ✓ Documentation for moving funds between projects: from 02630, account code 71000 to 02550, account code 71000
- ✓ Memorandum to Kevin Buckland from Molly, dated 1/3/02 EFT from GeFONSI to NRDAR Fund
- ✓ Memorandum to Kevin Buckland from Molly, dated 8/29/02 transfer from Investment Fund to GeFONSI and NRDAR Funds
- ✓ Memorandum to Bruce Nesslage from Molly, dated 1/15/02, to disburse FY 02 funds
- ✓ Memorandum to Bruce Nesslage from Molly, dated 9/3/02, to disburse FY 03 funds

The following documents/reports can be found on the EVOS web site:

- ✓ Large parcel status report
- ✓ Small parcel status report
- ✓ GeFONSI account activity reports (September available 10/14/02)
- ✓ EVOS Investment Fund Reports (September available 10/14/02)

The following documents have already been sent to you:

- ✓ Contact list
- ✓ Project Budgets by Line Items for FY 02

You will need to wait for the following documents until Sandra returns:

- ✓ FY 02 4th Quarter Project Status Report
- ✓ FY 02 4th Quarter Project Financial Report

You will need to get the following report from Bruce Nesslage:

- ✓ FY 02 4th Quarter Project Financial Report for federal agencies

If you have any questions, please direct these to Molly McCammon until Sandra Schubert returns on November 25, 2002. It has been a pleasure working with you and Max.

Sincerely,

Debbie

Debbie Hennigh
Administrative Manager

Exxon Valdez Oil Spill Trustee Council

441 W. 5th Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178

MEMORANDUM

TO: Merav Ben-David
Project PI
FAX 1-307-766-5625

FROM: Molly McCammon
Executive Director

RE: Extension of Due Date: 02593 Manuscript

DATE: September 18, 2002

The purpose of this memo is to approve an extended due date of November 30, 2002 for the manuscript being prepared under Project 02593/River Otters and Fishes in the Nearshore Environment: A Synthesis. I understand this extension is necessary due to some technical issues that arose in merging the fish and sea otter data files.

Exxon Valdez Oil Spill Trustee Council

441 W. 5th Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178

MEMORANDUM

TO: Dede Bohn
DOI-USGS Liaison

FROM: Molly McCammon
Executive Director

RE: Partial Authorization -- Project 030620 / Lingering Oil & Predators: Pathways of Exposure & Population Status

DATE: September 18, 2002

The purpose of this memorandum is to formally authorize USGS to proceed with its component of Project 030620/Lingering Oil & Predators: Pathways of Exposure & Population Status. The work must be performed consistent with the Detailed Project Description and budget dated April 12, 2002. The amount of funding authorized by this memo is $192,300, as outlined in the detailed budget.

The NOAA component of this project was deferred pending a workshop to be held this fall on the results to date from Project /585, Lingering Oil: Bioavailability and Effects to Prey and Predators.

cc: Pete Hagen, NOAA Liaison

Exxon Valdez Oil Spill Trustee Council

441 W. 5th Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178

September 18, 2002

Mr. David Banks, Director
The Nature Conservancy of Alaska
421 West 1st Avenue, Suite 200
Anchorage, AK 99501

Dear Mr. Banks:

Thank you for your efforts to assist the U.S. Forest Service in acquiring two parcels that have long been habitat protection priorities of the *Exxon Valdez* Oil Spill Trustee Council: PWS 05 (Valdez Duck Flats) and PWS 1010 (Jack Bay).

The Trustee Council, by Resolution 01-12 (dated August 6, 2001), agreed to provide funds to the United States to purchase the Valdez Duck Flats parcel for the appraised value of $125,000 and, by Resolution 02-03 (dated December 11, 2001), agreed to provide funds to the United States to purchase the Jack Bay parcel for an appraised value not to exceed $1,130,000. The offers are pursuant to a number of conditions, including obtaining signed purchase agreements by September 30, 2002, completion of a title search and hazardous materials survey, NEPA compliance, and establishment of a conservation easement on each parcel.

Through USFWS Grant #701811G112, the Trustee Council will be responsible for costs incurred by The Nature Conservancy in pursuing acquisition of the parcels, including the cost of appraisal, title reports, title insurance obtained on behalf of the acquiring agency or government and the agency or government holding the conservation easement, escrow and closing fees, real property taxes, penalty costs for prepayment of pre-existing recorded mortgages, travel related to project acquisition, preliminary title commitment or title policy, and such other expenses as may be contained in a list approved by the Assistant Secretary, Policy, Management and Budget, Department of the Interior and approved by the Trustee Council.

Thank you for your assistance.

Sincerely,

Molly McCammon
Executive Director

cc: Ken Holbrook, USFS
Gary Goldberg, USFWS

dbanks.wpd

Exxon Valdez Oil Spill Trustee Council

441 W. 5th Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178

MEMORANDUM

TO: Vicki Vanek, ADF&G
Project 02245 Co-PI
FAX 1-907-486-1869

FROM: Molly McCammon
Executive Director

RE: Extension of Due Date: 02245 Final Report
Community-Based Harbor Seal Management & Biological Sampling

DATE: September 20, 2002

The purpose of this memo is to approve an extended due date of November 15, 2002 for the final report being prepared under Project 02245/Community-Based Harbor Seal Management & Biological Sampling. I understand that the report has been delayed due to unexpected travel on the part of the PIs.

Exxon Valdez Oil Spill Trustee Council

441 W. 5th Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178

September 17, 2002

Jim King
1700 Branta Road
Juneau, Alaska 99801-7918

Dear Jim:

Thanks for your July 31, 2002 letter concerning endowed chairs at the university. I will be sure to pass this on to the Trustee Council and the Public Advisory Committee.

My personal recommendation to the Council would be to postpone consideration of endowing chairs at this time. This is largely due to the fact that the Council's Investment Fund has not grown as rapidly as anticipated given the current national economic situation.

However, this is a Trustee Council decision. In the past there hasn't been much Trustee interest in endowing chairs, but I will be sure they get a copy of this correspondence.

I'm sorry to hear you've decided to 'retire' from the Public Advisory Group. It's been fun working with you. Good luck to you and Mary Lou on your further endeavors.

Sincerely,

Molly McCammon
Executive Director

James G. (Jim) King
1700 Branta Road
Juneau, Alaska 99801-7918

Molly McCammon, Executive Director
EVOS Restoration Office
441 W. 5th Ave.
Anchorage, AK 99501-2340

7/30/02

Dear Molly,

I like the way your team is getting the GEM program set up. It has great promise. It makes all the effort on the PAG, especially our role in setting up the Restoration Reserve, seem worthwhile. It was of course Sharon Gagnon's motion that passed the PAG and gave Jim Ayers support for presenting the idea to the Trustee Council.

I do feel the GEM program could benefit from endowing several professorships at the University of Alaska (marine ornithology, commercial fish, anthropology, marine mammals, shellfish). This would incorporate the prestige of the University into the GEM program in a way that would be helpful in winning grants and developing cooperative programs as set forth in the GEM goals. It would also add a scientific training goal to GEM. This would perhaps give GEM better access to the enormous resources of the University. Endowed professorships attract world class applicants who in turn attract world class graduate students. Something less than ten percent of the GEM fund used this way could give the program prestige and recognition that might take years to achieve otherwise. This would be a plus, plus for GEM and for the University.

Whoever funds an endowed professor can normally designate certain things such as name and subject area (GEM Professor of Marine Ornithology) and extra duties such as serving on an advisory committee for GEM programs. How far GEM could go in directing the responsibilities of the GEM Professors would be a matter needing a good deal of thought and negotiation with the University.

I do hope you and the Trustee Council will consider this matter.

Thanks for listening – again.

Sincerely, Jim

Jim King, Member PAG

CC: Chuck Meachum

Exxon Valdez Oil Spill Trustee Council

441 W. 5th Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178

MEMORANDUM

TO: Dede Bohn
DOI-USGS Liaison

FROM: Molly McCammon
Executive Director

RE: Authorization -- Project 030423
Patterns and Process of Population Change in Selected Nearshore Vertebrate Predators

DATE: September 17, 2002

The purpose of this memorandum is to formally authorize work to proceed on Project 030423/Patterns and Process of Population Change in Selected Nearshore Vertebrate Predators. The work must be performed consistent with the Detailed Project Description dated April 8, 2002 and the revised budget submitted June 28, 2002.

Exxon Valdez Oil Spill Trustee Council

441 W. 5th Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178

MEMORANDUM

TO: Bill Hauser
ADF&G Liaison

FROM: Molly McCammon
Executive Director

RE: Authorization -- Project 030596
Securing Flow Data for a Lower Kenai Peninsula Salmon Stream

DATE: September 17, 2002

The purpose of this memorandum is to formally authorize work to proceed on Project 030596/Securing Flow Data for a Lower Kenai Peninsula Salmon Stream. The work must be performed consistent with the Detailed Project Description dated July 2, 2002 and the revised budget dated August 3, 2002.

Exxon Valdez Oil Spill Trustee Council

441 W. 5th Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178

MEMORANDUM

TO: Bill Hauser
ADF&G Liaison

FROM: Molly McCammon
Executive Director

RE: Authorization -- Project 030584
Evaluation of Airborne Remote Sensing Tools for GEM Monitoring

DATE: September 17, 2002

The purpose of this memorandum is to formally authorize work to proceed on Project 030584/Evaluation of Airborne Remote Sensing Tools for GEM Monitoring. The work must be performed consistent with the Detailed Project Description dated April 3, 2002 and the revised budget submitted June 27, 2002.

Exxon Valdez Oil Spill Trustee Council

441 W. 5th Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178

MEMORANDUM

TO: Tony DeGange
DOI-USFWS Liaison

FROM: Molly McCammon
Executive Director

RE: Authorization -- Project 030561
Evaluating the Feasibility of Developing a Community-Based Forage Fish Sampling Project for GEM

DATE: September 17, 2002

The purpose of this memorandum is to formally authorize work to proceed on Project 030561/Evaluating the Feasibility of Developing a Community-Based Forage Fish Sampling Project for GEM. The work must be performed consistent with the Detailed Project Description and budget dated April 10, 2002.

Exxon Valdez Oil Spill Trustee Council

441 W. 5th Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178

MEMORANDUM

TO: Bill Hauser
ADF&G Liaison

FROM: Molly McCammon
Executive Director

RE: Extension of Due Date: 02608 Final Report

DATE: September 16, 2002

The purpose of this memo is to approve an extended due date of November 30, 2002 for the final report and manuscript on Project 02608/Permanent Archiving of Specimens Collected in Nearshore Habitats. I understand this extension is necessary due to the technician for the project not being available until later than planned.

Exxon Valdez Oil Spill Trustee Council

441 W. 5th Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178

MEMORANDUM

TO: Pete Hagen
NOAA Liaison

FROM: Molly McCammon
Executive Director

RE: Authorization -- Project 02012-BAA
Photographic and Acoustic Monitoring of Killer Whales in Prince William Sound and Kenai Fjords

DATE: September 16, 2002

The Trustee Council approved funding for Project 02012/Photographic and Acoustic Monitoring of Killer Whales in Prince William Sound and Kenai Fjords contingent on the submittal of two manuscripts promised in earlier years:

(1) L. Barrett-Lennard, et al. Mating systems
(2) L. Barrett-Lennard. Niche partitioning.

Although these two manuscripts are not yet complete, I am assured by the PI that good progress is being made on them and that Barrett-Lennard's dissertation, which is the basis for much of the manuscripts, has been accepted.

The purpose of this memorandum is to formally authorize work to proceed on Project 02012. All work must be performed consistent with the revised Detailed Project Description dated and budget dated July 13, 2001.

cc: Craig Matkin, Project 02012 PI

Exxon Valdez Oil Spill Trustee Council

441 W. 5th Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178

MEMORANDUM

TO: Randall Davis
Project 02441 PI

FROM: Molly McCammon
Executive Director

RE: Extension of Due Date: Final Report
Project 02441 / Harbor Seal Recovery: Effects of Diet on Lipid Metabolism and Health

DATE: September 16, 2002

The purpose of this memo is to confirm an extended due date from September 30, 2002 to December 15, 2002 for the final report on Project 02441/Harbor Seal Recovery: Effects of Diet on Lipid Metabolism and Health. I understand that the final report will consist of five manuscripts, and that the completion of two of these manuscripts is taking longer than originally anticipated. It is also my understanding that three of the manuscripts will be submitted for journal publication by September 30, 2002.

cc: Bill Hauser, ADF&G Liaison

Exxon Valdez Oil Spill Trustee Council

441 W. 5th Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178

September 16, 2002

Patty Brown-Schwalenberg
Executive Director
Chugach Regional Resources Commission
4201 Tudor Centre Dr., Suite 300
Anchorage, AK 99508

Dear Patty:

I have reviewed the revised Detailed Project Description (DPD) for Project 030052, Tribal Natural Resource Stewardship & Meaningful Tribal Involvement in GEM, submitted on September 3, 2002. I have the following proposal in response, and would like to schedule a time to discuss this with you.

1. No Trustee Council support in FY 03 for the tribal planning effort. As we have discussed, the Trustee Council's peer reviewers for this project, as well as myself, have been concerned for some time that the plans, which received funding support in FY 01 as a list of each community's priority monitoring activities and in FY 02 as actual plans in five pilot communities, have not yet been delivered. I understand that CRRC expects to submit the five plans to the Trustee Council by September 30, 2002. I propose that we review these during FY 03 and use them as appropriate in the GEM Science Plan process. The additional planning steps outlined in the revised FY 03 proposal–action plans, integrated regional plan, and fisheries management plan–would not be considered at this time.

2. Focus the project in FY 03 on:
(a) Substantive participation in development of the GEM Science Plan. Now that the GEM program has been approved by the Trustee Council, our efforts have turned to development of a detailed science plan. In FY 03 we will work with our Public Advisory Committee, Scientific and Technical Advisory Committee (STAC), and STAC subcommittees to identify priority hypotheses, variables, and sites for monitoring. I would strongly encourage the participation of CRRC staff and tribal representatives in these meetings, the first of which is tentatively scheduled for mid-November 2002. I recommend an increase in the travel line or your budget (see next page) to ensure this participation. Any completed tribal plans could be useful as the GEM Science Plan develops.
(b) Collaboration with Project 030575, Designing a Community Involvement/ Community-Based Monitoring Plan for GEM. Reviewing the results of this project, in conjunction with the tribal plans discussed above, will be an important step in determining what form Project 030052 might take in FY 04.
(c) Continued development of the technical foundation that will enhance tribes' abilities over the long term to serve as natural resource managers and stewards. This would include the

Wisdomkeeper Workshop (funded by the Trustee Council in August 2002), participation by CRRC staff in development of curriculum for natural resource training for tribal managers (such as that currently underway by the National Park Service and others), and tribal participation in professional natural resource training and education conferences and sessions.
(d) Continued communication of EVOS activities and research results to villages.

3. Reduce the budget to reflect the items noted above, as follows:

Budget Item	FY 03 Revised Proposal	Proposed Change per This Memo	New Cost
Personnel	12 mo. of Mimi Hogan	No change	$60.0
Travel	$15.6 for 2 trips each for 10 tribes, and $6.5 for staff/consultants (total $22.1)	Add 3 trips for each of 5 pilot communities to allow additional travel/per diem for professional training/education	$33.8
Contractual	(a) $30.0 for consultants (b) $30.0 for contracts with Tribal Councils	(a) Reduce to FY 02 level of $20.0 (b) Delete – provide pay as per diem only in conjunction with travel/participation in professional training, GEM planning meetings, etc.	$20.0
Commodities	$2.0 for workshop costs	No change	$2.0
Equipment	$0	No change	$0.0
15% indirect (15% of subtotal of $115.8)			$17.4
9% GA (9% of new subtotal of $133.2)			$12.0
TOTAL			$145.2*

* $30,100 of this amount has already been approved by the Trustee Council, August 2002

I also have three minor comments regarding the revised proposal. Please:

- Reduce the abstract to eight lines or less.
- As directed by the US Department of Justice in their most recent review of Project 030052, change any reference to the plans to "Tribal Natural Resource Plans" (delete the word 'management').
- Identify the Science Advisor by name, and provide his/her qualifications.

Please let me know when you would like to get together to discuss this. To be considered by the Trustee Council at their November 25, 2002 meeting, a revised DPD and budget need to be received by my office no later than October 15.

Sincerely,

Molly McCammon
Executive Director

cc: Mimi Hogan, CRRC

comment030052.wpd

Exxon Valdez Oil Spill Trustee Council

441 W. 5th Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178

MEMORANDUM

TO: Dede Bohn / DOI
Carol Fries / ADNR
Ken Holbrook / USFS
Celia Rozen / ADF&G
Tom Chapple / ADEc
Pete Hagen, NOAA

FROM: Sandra Schubert
Program Coordinator

RE: Project Status – Quarterly Update
DUE FRIDAY, NOVEMBER 15, 2002

DATE: September 14, 2002

Please find attached Project Status Update Forms for the quarter ending September 30, 2002. The forms and the instructions for filling them out are the same as they were last quarter. The quarterly report is an opportunity for you to contact each PI to discuss project progress and to report your findings to the Trustee Council Office. If a PI has an overdue report, please work with the PI to determine when it will be submitted. If other project tasks have been changed, delayed, or canceled, please get an explanation from the PI.

Please return you completed update forms to me by Friday, November 15, 2002. I will be on extended leave from September 21 to November 25. Please contact Katharine Miller or Molly McCammon in my absence.

Thank you for your cooperation.

sandra/qtrupdate.wpd

Exxon Valdez Oil Spill Trustee Council

441 W. 5th Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178

September 13, 2002

R.J. Kopchak, Director
Ecotrust Copper River Program
P.O. Box 1126
Cordova, Alaska 99574

Dear R.J.:

Thank you for your letter of September 6, 2002 regarding the parcel of land on Mummy Island. I have discussed this issue with *Exxon Valdez* Oil Spill Trustee and Assistant Attorney General-Craig Tillery.

While we have a number of questions, the answers to which would influence whether the Trustee Council would be involved in this deal, we would be interested in seeing a more detailed proposal from Ecotrust and in exploring the issue further.

Sincerely,

Molly McCammon
Executive Director

cc: S. Schubert

ecotrust
Copper River Program
P.O. Box 1126
Cordova, Alaska 99574
907-424-3541

Molly McCammon
Executive Director, EVOS Trustee Council
441 West 5th. Ave., Suit 500
Anchorage, Alaska 99501-2340

September 6, 2002

Dear Molly,

It was great to see you earlier this week, and I would like to follow up on our conversation. The Native Village of Eyak and Ecotrust are collaborating to acquire a parcel of land located on Mummy Island; at one time the historic home to hundreds of native people.

This is the only private in holding on a culturally important island that has been a traditional native village site and burial grounds for thousands of years. The area is rich in culturally significant artifacts, and should be returned to the tribal authority for use as a spirit camp, educational facility, healing center and for other similar purposes consistent with its' cultural importance.

Mummy Island is located on Orca Inlet, between Prince William Sound and the Gulf of Alaska, about eight nautical miles southwest of the Cordova boat harbor. In 1794, Vancouver reported a village of about 200 natives. The village was located on the site where, at the turn of the century, the Haltness Clam Cannery was built. Burial caves, looted and vandalized over the past two hundred years, dot the island, and stone adzes, trading beads, and other artifacts are still found. The coastal temperate rainforest ecology of the island is dominated by mature spruce and hemlock. Nesting bald eagles, peregrine falcons, black oystercatchers and hermit thrushes are among the resident wildlife. Several seabird colonies are located nearby, where pigeon guillemot, tufted puffin, blacklegged kittiwake, cormorants, murres and other seabirds gather in breeding colonies. Thousands of shorebirds stop over to feed on the mudflats during their annual migrations. Hundreds of sea otters use the area.

The return of a historic village site to the Native Village of Eyak tribal authority would further empower their current efforts to preserve, renew and maintain cultural identity; a perfect place for spirit camps, archeological studies, and cultural retreats. The Native Village of Eyak owns no land, and Mummy Island would give all tribal members (regardless of shareholder status) a place they could call their own.

Eyak and Ecotrust are seeking partners to complete the acquisition. We believe that the repatriation of cultural sites is key to the preservation of the relationship between native communities and the natural resources that have sustained them for thousands of years.

If this project looks interesting to you, we would love the opportunity to draft a proposal for your consideration.

Sincerely,

R.J. Kopchak, Director
Copper River Programs

Cc: Spencer Beebe, Kim Burkland, Ecotrust
Bruce Cain, Native Village of Eyak

Exxon Valdez Oil Spill Trustee Council

441 W. 5th Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178

September 13, 2002

Nancy Dunn, Chief Financial Officer
World Wildlife Fund, Inc.
1250 24th Street, NW
Washington, DC 20037

Dear Nancy and Michael:

Please sign all three copies of the enclosed contract amendment which extends the contract expiration date from September 30, 2002 to December 1, 2002. Send all the signed copies as soon as possible to Tom Taylor in the enclosed, addressed envelope that is provided

If you have any questions, I'll be glad to assist you. Thank you for your contribution to the Alaska's Oceans and Watersheds Symposium.

Sincerely,

Debbie Hennigh

Debbie Hennigh
Administrative Manager

1. Agency Contract Number	IHP-02-099
2. ASPS Number	
3. Optional Renewal? ☐ Yes ☒ No	Years remaining
4. Financial Coding	11945031-11945031
5. Agency Assigned Encumbrance Number	1123369
6. Amendment No.	One

STATE OF ALASKA

AMENDMENT TO PROFESSIONAL SERVICES CONTRACT

This agreement is between the State of Alaska,

7. Department of: Fish and Game — hereafter the State, and

8. Contractor: World Wildlife Fund, Inc. — hereafter the Contractor

Mailing Address	Street or P.O. Box	City	State	ZIP Code
	1250 24th Street, NW	Washington	DC	20037

9. Original period of performance	10. Amended period of performance
FROM: June 1, 2002 TO: September 30, 2002	FROM: June 1, 2002 TO: December 1, 2002

11. Previous amount of contract to date:	12. Amount of this amendment:	13. This amended contract shall not exceed
$7,999.00	$ N/A	a total of $7,999.00

14. In accordance with the provisions of the above referenced contract, the parties to that contract agree that the services to be performed by the contractor under the contract are amended as follows:

Contract period is extended to December 1, 2002

All other terms and conditions of the contract remain in effect.

IN WITNESS WHEREOF the parties hereto have executed this amendment.

NOTICE! This amendment has no effect until signed by the head of the contracting agency, procurement officer or designee.

15. CONTRACTOR	
Name of Firm: World Wildlife Fund, Inc.	
Signature of Authorized Representative	Date
Typed or Printed Name of Authorized Representative: Nancy Dunn	
Title: Chief Financial Officer	

17. **CERTIFICATION:** I certify that the facts herein and on supporting documents are correct, that this voucher constitutes a legal charge against funds and appropriations cited, that sufficient funds are encumbered to pay this obligation, or that there is a sufficient balance in the appropriation cited to cover this obligation. I am aware that to knowingly make or allow false entries or alternations on a public record, or knowingly destroy, mutilate, suppress, conceal, remove or otherwise impair the variety, legibility or availability of a public record constitutes tampering with public records punishable under AS 11.56.815-.820. Other disciplinary action may be taken up to and including dismissal.

16. CONTRACTING AGENCY	
Department/Division: Exxon Valdez Oil Spill Trustee Council	
Signature of Project Director: Molly McCammon	Date: 9/13/02
Typed or Printed Name of Project Director: Molly McCammon	
Title: Executive Director	

Signature of Head Contracting Agency or Designee	Date
Typed or Printed Name of Authorizing Official: John White	
Title: Procurement Officer	
18. APPROVAL BY THE DEPARTMENT (if applicable)	

Exxon Valdez Oil Spill Trustee Council

441 W. 5th Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178

September 13, 2002

Joe Kolasinski
Computer Matrix
3522 West 27th Avenue
Anchorage, AK 99517

RE: Amended Contract for FY 2003

Dear Joe:

Enclosed are three copies of the amended contract for FY 2003, October 1, 2002 through September 30, 2003. Please sign all three copies and return the copies to Tom Taylor in the enclosed, addressed envelope as soon as possible. Tom will provide you with a copy of the signed version in the very near future. Thank you for your attention to this matter.

Sincerely,

Debbie Hennigh

Debbie Hennigh
Administrative Manager

Enclosures

1. Agency Contract Number	IHP-02-021
2. ASPS Number	
3. Optional Renewal? ☐ Yes ☐ No	Years remaining
4. Financial Coding	1193732373
5. Agency Assigned Encumbrance Number	
6. Amendment No.	Five

STATE OF ALASKA

AMENDMENT TO PROFESSIONAL SERVICES CONTRACT

This agreement is between the State of Alaska,

7. Department of: Fish and Game — hereafter the State, and

8. Contractor: Computer Matrix — hereafter the Contractor

Mailing Address	Street or P.O. Box	City	State	ZIP Code
	3522 west 27th Avenue	Anchorage	Alaska	99517

9. Original period of performance	10. Amended period of performance
FROM: October 1, 1998 TO: September 30, 1999	FROM: October 1, 1998 TO: September 30, 2003

11. Previous amount of contract to date:	12. Amount of this amendment:	13. This amended contract shall not exceed
$ 24,000.00	$5,000.00	a total of $29,000.00

14. In accordance with the provisions of the above referenced contract, the parties to that contract agree that the services to be performed by the contractor under the contract are amended as follows:

In full consideration of the Contractor's performance under and including this amendment, the State shall pay the Contractor a new total not to exceed $29,000.00.

All other terms and conditions of the contract remain in effect.

IN WITNESS WHEREOF the parties hereto have executed this amendment.

NOTICE! This amendment has no effect until signed by the head of the contracting agency, procurement officer or designee.

15. **CONTRACTOR**

Name of Firm: Computer Matrix

Signature of Authorized Representative | Date

Typed or Printed Name of Authorized Representative: Joseph Kolasinski

Title: Owner

16. **CONTRACTING AGENCY**

Department/Division: ADFG/*Exxon Valdez* Oil spill Trustee Council

Signature of Project Director: Molly McCammon | Date: 9/13/02

Typed or Printed Name of Project Director: Molly McCammon

Title: Executive Director

17. **CERTIFICATION:** I certify that the facts herein and on supporting documents are correct, that this voucher constitutes a legal charge against funds and appropriations cited, that sufficient funds are encumbered to pay this obligation, or that there is a sufficient balance in the appropriation cited to cover this obligation. I am aware that to knowingly make or allow false entries or alternations on a public record, or knowingly destroy, mutilate, suppress, conceal, remove or otherwise impair the variety, legibility or availability of a public record constitutes tampering with public records punishable under AS 11.56.815-.820. Other disciplinary action may be taken up to and including dismissal.

Signature of Head Contracting Agency or Designee | Date

Typed or Printed Name of Authorizing Official: John White

Title: Procurement Officer

18. APPROVAL BY THE DEPARTMENT (if applicable)

Exxon Valdez Oil Spill Trustee Council

441 W. 5th Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178

September 6, 2002

Chris Rutz
Procurement Officer
Alaska Dept. of Natural Resources
550 W. 7th Avenue, Suite 1230
Anchorage, AK 99501-3564

Dear Chris:

The purpose of this letter is to clarify the Trustee Council's intent in approving Project 030630. As provided in the Detailed Project Description approved by the Council, it is the Council's intent that this project be implemented in part through a contract with the following proposer:

Project No.	Project Title	Proposer
030630	Scientific Management Under GEM and Lingering Oil Programs	Dr. Robert Spies, Applied Marine Sciences

Thank you for your attention to this matter.

Sincerely,

Molly McCammon
Executive Director

cc: Carol Fries, ADNR Liaison

namedrec3.wpd

Exxon Valdez Oil Spill Trustee Council

441 W. 5th Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178

MEMORANDUM

TO: Investment Working Group

FROM: Debbie Hennigh
Administrative Manager

DATE: September 10, 2002

RE: Meeting Materials for September 17, 2002

Attached are the following materials for our September 17, 2002 meeting:

1. Memo regarding the background for revising the pay-out resolution
2. Matrix for when to calculate the funding amount for upcoming federal fiscal year invitation for proposals
3. Draft resolution regarding disbursement from the EVOS Investment Fund
4. Resolution regarding the disbursement from the Joint Trust Fund, approved by the Council on May 22, 2000

The meeting is scheduled for 9:30 am Alaska time and is estimated to take one hour. The GCI conference number and code are: 1-800-315-6338, Code 489#. If you are calling in from a number other than your office number, please let Paula Banks (paula_banks@oilspill.state.ak.us) know. If you have any questions, please feel free to contact me.

Attachments

Exxon Valdez Oil Spill Trustee Council

441 W. 5th Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178

MEMORANDUM

TO: Investment Working Group

FROM: Molly McCammon
Executive Director

SUBJ: Background for Revising Pay-out Resolution

DATE: September 4, 2002

The resolution adopted by the Trustee Council on May 22, 2000 relating to "Disbursement from the Joint Trust Fund for Long-term Research, Monitoring, and General Restoration" appears to need revising for several reasons. These reasons include the following:

1. This resolution states that the pay-out funding amount for FY 05 shall not exceed 4.5% of the average market value over the past three years (FY 02 – FY 04). In order to implement this most efficiently, it would be helpful to know the amount of funding for the FY 05 Invitation by early February 2004. How much the Investment Fund earned (or lost) during FY 04 will not be known until approximately October 15, 2004 when Department of Revenue, Treasury Division posts the reports for Investment Fund activity ending September 30, 2004. This is nine months after the funding amount needs to be known for the FY 05 Invitation that is published February 15, 2004.
2. Because the EVOS Investment Fund has had significant losses during FY 01 and 02 (almost $15M as of July 31, 2002), the amount of fixed pay-out for FY 04 funding should be considered for reduction from $6M to $5M, and for FY 03 from $6M to $5.5M.
3. FY 05 pay-out amount should be changed from an average of the last three years (because we will not have the final earnings figure for FY 04 in sufficient time) to a fixed amount. I am recommending $5M for consideration.
4. FY 06 would then be the first year for averaging the market value over three years (FY 02 – FY 04).
5. FY 07 funding amount would be the average of the market value over four years (FY 02 – FY 05).
6. FY 08 funding amount would be the average of the market value over five years (FY 02 – FY 06).

I would appreciate your review of the attached proposed draft pay-out resolution for a discussion at a September 2002 teleconference meeting (currently polling the group for a date). I would like to present this resolution for approval at the November 25, 2002 Trustee Council meeting. If you have any questions or would like to discuss this proposal prior to the IWG meeting, please feel free to call me.

Attachments

Table for When to Calculate the Funding Amount for Upcoming Federal Fiscal Year Invitation

Fiscal Year	Fiscal Year Time Period	Invitation Funding Amount Needed By Date (Mon-YY)	Date Investment Report for End of Federal Fiscal Year (9/30) Available	Date Agency Financial Data for Prior Year Due to Auditors	Date Final Audit Is Available	When to Average Investment Fund Earnings for Payout Amount
FY 01	10/00 - 9/01	Feb-00	10/15/01	1/31/02	Mar-02	Fixed at $7,500,000 per 5/22/00 resolution
FY 02	10/01 - 9/02	Feb-01	10/15/02	1/31/03	Mar-03	Fixed at $6,500,000 per 5/22/00 resolution
FY 03	10/02 - 9/03	Feb-02	10/15/03	1/31/04	Mar-04	Fixed at $6,000,000 per 5/22/00 resolution - **propose fixing at $5.5M**
FY 04	10/03 - 9/04	Feb-03	10/15/04	1/31/05	Mar-05	Fixed at $6,000,000 per 5/22/00 resolution - **propose fix at $5M**
FY 05	10/04 - 9/05	Feb-04	10/15/05	1/31/06	Mar-06	Per 5/22/00 resolution average 3 years (FY 02 - FY 04) but won't have FY 04 data in time for FY 05 Invitation - **propose fix at $5M**
FY 06	10/05 - 9/06	Feb-05	10/15/06	1/31/07	Mar-07	Have data through FY 04: propose average 3 years FY 02 - FY 04
FY 07	10/06 - 9/07	Feb-06	10/15/07	1/31/08	Mar-08	Have data through FY 05: propose average 4 years FY 02 - FY 05
FY 08	10/07 - 9/08	Feb-07	10/15/08	1/31/09	Mar-09	Have data through FY 06: propose average 5 years FY 02 - FY 06
FY 09	10/08 - 9/09	Feb-08	10/15/09	1/31/10	Mar-10	Have data through FY 07: propose average 5 years FY 03 - FY 07
FY 10	10/09 - 9/10	Feb-09	10/15/10	1/31/11	Mar-11	Have data through FY 08: propose average 5 years FY 04 - FY 08
FY 11	10/10 - 9/11	Feb-10	10/15/11	1/31/12	Mar-12	Have data through FY 09: propose average 5 years FY 05 - FY 09
Use federal fiscal year for calculation as you have the data organized in this time period						
Also the audit reflects the federal year						
What really drives the calculation is the amount the investment has earned which is know by approximately 10/15 for the activity ending 9/30						
Assume agencies won't be lapsing significant project funds or will be carrying forward those funds for multi-year projects so their final year end numbers						
are not crucial to the calculation						
Investment Fund fees will most likely not be withdrawn from the fund by 10/15; however, this is not a significant amount of money						

DRAFT
RESOLUTION 02-XX OF THE *EXXON VALDEZ* OIL SPILL TRUSTEE COUNCIL REGARDING DISBURSEMENT FROM THE EVOS INVESTMENT FUND FOR LONG-TERM RESEARCH, MONITORING AND GENERAL RESTORATION

The total amount to be disbursed for research, monitoring and general restoration shall be based on the following schedule:

Fiscal Year 2001	Annual work plan and administrative costs shall not exceed $7,500,000
Fiscal Year 2002	Annual work plan and administrative costs shall not exceed $6,500,000
Fiscal Year 2003	Annual work plan and administrative costs shall not exceed $5,500,000
Fiscal Year 2004	Annual work plan and administrative costs shall not exceed $5,000,000
Fiscal Year 2005	Annual work plan and administrative costs shall not exceed $5,000,000

In Fiscal Year 2006, the annual work plan and administrative costs shall not exceed 4.5% (percent) of the average market value over FY 02 – FY 04 (3 years) of the EVOS Investment Fund earmarked for long-term research, monitoring and general restoration. In Fiscal Year 2007, the annual work plan and administrative costs shall not exceed 4.5% (percent) of the average market value over FY 02 – FY 05 (4 years) of the EVOS Investment Fund earmarked for long-term research, monitoring and general restoration. In Fiscal Year 2008, the annual work plan and administrative costs shall not exceed 4.5% (percent) of the average market value over FY 02 – FY 06 (5 years) of the EVOS Investment Fund earmarked for long-term research, monitoring and general restoration. Beginning in Fiscal Year 2009 and in the years following, the annual work plan and administrative costs shall not exceed 4.5% (percent) of the average market value over the last 5 fiscal years of the capitalized EVOS Investment Fund earmarked for long-term research, monitoring and general restoration for which EVOS Investment Fund earnings/losses data are available.

Approved by the Trustee Council at its November 25, 2002 meeting, as affirmed by our signatures affixed below:

Exxon Valdez Oil Spill Trustee Council

645 G Street, Suite 401, Anchorage, AK 99501-3451 907/278-8012 fax:907/276-7178

RESOLUTION OF THE *EXXON VALDEZ* TRUSTEE COUNCIL
RELATING TO DISBURSEMENT FROM THE JOINT TRUST FUND FOR LONG-TERM RESEARCH, MONITORING AND GENERAL RESTORATION

The total amount to be disbursed for research, monitoring and general restoration shall be based on the following schedule:

Fiscal Year 2001	The annual work plan and administrative costs shall not exceed $7,500,000.
Fiscal Year 2002	The annual work plan and administrative costs shall not exceed $6,500,000.
Fiscal Year 2003	The annual work plan and administrative costs shall not exceed $6,000,000.
Fiscal Year 2004	The annual work plan and administrative costs shall not exceed $6,000,000.

In Fiscal Year 2005, the annual work plan and administrative costs shall not exceed 4.5% percent of the average market value over the past three years of the Joint Trust Fund earmarked for long-term research, monitoring and general restoration. In Fiscal Year 2006, the annual work plan and administrative costs shall not exceed 4.5% percent of the average market value over the past four years of the Joint Trust Fund earmarked for long-term research, monitoring and general restoration. Beginning in Fiscal Year 2007 and in the years following, the annual work plan and administrative costs shall not exceed 4.5% percent of the average market value over the past five years of the Joint Trust Fund earmarked for long-term research, monitoring and general restoration.

Approved by the Council at its meeting of May 22, 2000, as affirmed by our signatures affixed below.

Dave R Gibbons Dated 6/28/00

DAVE GIBBONS
Trustee Representative
Alaska Region
USDA Forest Service

Craig J Tillery for Dated 6/30/00

BRUCE M. BOTELHO
Attorney General
State of Alaska

Marilyn Heiman Dated 6/23/00

MARILYN HEIMAN
Special Assistant to the
Secretary for Alaska
U.S. Department of the Interior

Steven Pennoyer Dated 5-26-00

STEVEN PENNOYER
Director, Alaska Region
National Marine Fisheries Service

Frank Rue Dated 5-30-00

FRANK RUE
Commissioner
Alaska Department of Fish and Game

Michele R Dated 6/29/00

MICHELE BROWN
Commissioner
Alaska Department of Environmental Conservation

	Oct. 1, 1999	Oct. 1, 2000	* Oct. 1, 2001	Oct. 1, 2002	Oct. 1, 2003	Oct. 1, 2004	Oct. 1, 2005	Oct. 1, 2006
Joint Settlement Fund	104,703,290	130,215,799	170,262,815	180,174,485	189,434,528	199,933,170	211,192,243	223,277,739
Research Program	49,703,290	75,215,799	115,262,815	125,174,485	129,772,607	135,212,272	140,981,494	147,109,569
Habitat Program	55,000,000	55,000,000	55,000,000	55,000,000	59,661,921	64,720,898	70,210,749	76,168,170

Annual Work Plan & Administrative Costs:		Projected Payout	Years
Fiscal Year 2000	10,500,000	Actual	
Fiscal Year 2001	7,500,000	Fixed	
Fiscal Year 2002	6,500,000	Fixed	
Fiscal Year 2003	6,000,000	Fixed	
Fiscal Year 2004	6,000,000	Fixed	
Fiscal Year 2005	5,553,149	4.50% over 3 years	2001 - 2003
Fiscal Year 2006	5,686,000	4.50% over 4 years	2001 - 2004
Fiscal Year 2007	5,817,633	4.50% over 5 years	2001 - 2005

payout options/4.5% ($6.0m)

Exxon Valdez Oil Spill Trustee Council

441 W. 5th Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178

September 3, 2002

Charlie Hughey
P.O. Box 1108
Valdez, Alaska 99686

Dear Charlie:

Thanks for sending me your ideas for future monitoring projects in Prince William Sound. It was nice to hear from you. It sounds like you've been thinking a lot about all of this – that's great to know that you still want to be involved.

I've shared your thoughts with Phil. Your ideas relating to using CTDs to collect PWS salinity and temperature measurements and using suspended bivalves to monitor environmental pollution and stress are definitely consistent with the GEM program's need to understand the structure and dynamics of the Alaska Coastal Current and how it affects the biological productivity of Prince William Sound.

We are still in the early stages of developing long-term monitoring for both the ACC and the nearshore, and how your ideas fit in with long-term needs will have to be explored as the program develops. A lot depends on what questions are asked and what information is needed to answer those questions. We also want to make sure that our work complements other ongoing sampling programs, such as the Nowcast/Forecast System funded by the Prince William Sound Science Center and the GLOBEC projects.

I have a few specific suggestions for how you might get involved. First, we are currently funding a Continuous Plankton Recorder (CPR) project based on an oil tanker out of Valdez, as well as a companion project on the same vessel to measure salinity, temperature and fluorescence. The two project operators, Sonia Batten and Steve Okkonen, may have the need for a knowledgeable person such as yourself to help with the projects' logistics. I've given your name to our Science Coordinator, Katharine Miller. Feel free to contact her directly (katharine_miller@oilspill.state.ak.us) or 800-478-7745 if you're interested. The "vessel of opportunity" program may expand in the future, especially with Alaska Marine Highways ferries and cargo vessels. We would appreciate your help in developing future logistical support for this in Valdez.

Second, we are looking for candidates for scientific and technical subcommittees that will be helping to flesh out the details of the GEM Science Plan. I've asked Brenda Hall to make sure you've received all the information if you're interested in applying. Third, we're planning a workshop in November as the next step in the planning effort, and I'll

make sure you're on the notification list for that. And finally, the EVOS workshop next January 2003 will be held in coordination with the Steller Sea Lion Investigation program and GLOBEC's Gulf of Alaska program and will provide an excellent opportunity to hear about the latest science in the Gulf of Alaska, including Prince William Sound.

Be sure to stop by the office next time you're in Anchorage, Charlie. We have moved to 441 w. 5th Ave., Suite 500 – next to the Egan Convention Center. I also haven't been to Valdez in awhile, and if there's a good opportunity, would like to do so sometime this fall.

Take care, and thanks again for contacting me.

Sincerely,

Molly McCammon
Executive Director

Cc: Phil Mundy
Katharine Miller
Brenda Hall
Sandra Schubert

907-276-7178

To: Molly Mc Cammon
Executive Director
Exxon Valdez Trustee Council

From: Charlie Hughey
Sprague.

RE: GEM/Monitoring Concept Idea's

August 26, 2002

Dear Molly;

C- Did this get attached to my response to Charlie in my file? M.

The following 2 EVOS/GEM related p ilities through direct participation in the EVOS proc t immediately after the event and as an individual v for 28 years; commercially and as a navigational co

The correct agency to route these too, ness are unknown as well. Hence, a test within your ng because, in part they are and in part they fold i I've again incorporated elements of "local involvem ring mixed group sessions without rebuttal.

Probably the most significant goal with thes consideration to budgetary constraints, yet provide an ample amount meaningful data over time. The following is a very brief description with respects for your time.

"Collection of PWS Salinity/Water Temperature using a CTD by means of a ***Fast Vessel."***

The possible significant advantages:

1. A small, fast vessel has the capabilities.
2. The instrument only need's to be set and retrieved.
3. Two (non-academic) participant's.
4. Flexibility.
5. Fundamentally important data.
6. Annual checkup/Pulse of PWS.
7. Local involvement.

Gathering and collecting CTD related data (Salinity/Water Temperature at Depth's) is certainly nothing new as seen within the EVOS/SEA research, Subtidal # 5 and XX401. The relevance's are data acquisition specific to some goal and in the latter 2 studies a component only opportunistic and not believed to really have been analyzed, although important. The latter 2 studies recorded information at limited site specific location during a general time frame between October and November month's. SEA looks to have, certainly, more area covered and a multitude of sites over a specified time period controlled by time parameters and academic focus. The goal here is to

To: Molly Mc Cammon
Executive Director
Exxon Valdez Trustee Council

From: Charlie Hughey
Sitka.

RE: GEM/Monitoring Concept Idea's

August 26, 2002

Dear Molly;

The following 2 EVOS/GEM related project idea's constitute a collection of possibilities through direct participation in the EVOS process since September 1997, direct involvement immediately after the event and as an individual whom has interacted professionally in PWS for 28 years; commercially and as a navigational consultant for an Exxon subcontractor.

The correct agency to route these too, is not clear. Their scientific merit and timeliness are unknown as well. Hence, a test within your office. Additionally these may seem self serving because, in part they are and in part they fold in a higher academic requirement. Meaning, I've again incorporated elements of "local involvement" and tested some scientific merit openly during mixed group sessions without rebuttal.

Probably the most significant goal with these, was to develop idea's with consideration to budgetary constraints, yet provide an ample amount of meaningful data over time. The following is a very brief description with respects for your time.

"Collection of PWS Salinity/Water Temperature using a CTD by means of a Fast Vessel."

The possible significant advantages:

1. A small, fast vessel has the capabilities.
2. The instrument only need's to be set and retrieved.
3. Two (non-academic) participant's.
4. Flexibility.
5. Fundamentally important data.
6. Annual checkup/Pulse of PWS.
7. Local involvement.

Gathering and collecting CTD related data (Salinity/Water Temperature at Depth's) is certainly nothing new as seen within the EVOS/SEA research, Subtidal # 5 and XX401. The relevance's are data acquisition specific to some goal and in the latter 2 studies a component only opportunistic and not believed to really have been analyzed, although important. The latter 2 studies recorded information at limited site specific location during a general time frame between October and November month's. SEA looks to have, certainly, more area covered and a multitude of sites over a specified time period controlled by time parameters and academic focus. The goal here is to

extract pulse information in PWS with some regularity, annually, site specific, quickly and inexpensively.

The use of a "Fast Vessel" to gather the CTD information has several advantages as bullcted above and the idea stem's from personal experience with setting and retrieving a like instrument, a similar project idea i.e.\614 (using it's budget) and the a history of larger/slower seiner type vessels. All larger than needed platforms in regards to an idea that considers a systematic annual pulse taking.

Vessel costs' are usually calculated via some value estimated per foot relative to operational variables i.e. insurance, personnel, fuel/oils, ware and tear, etc. The use of small fast craft in these 2 concept's, additionally incorporates local knowledge of the environment and focuses on "Getting the best bang for your buck!" Once scientific merit is established as fundamentally a good Monitoring objective (where these have conservative elements through-out), it seems prudent for one who is developing an idea but also show attention to incorporate an inexpensive means to retrieve it. The use of a small fast vessel depends on the merit of the Monitoring concept that basically would gather annually in PWS:

- Salinity/WT up to (say) 500' (152.4m)
- At predefined coordinates/a standard grid
- The flexibility to freely maneuver around environmental obstacles and still quickly extract data. The weather.
- Either annually, bi-annually, quarterly or monthly.

A budgetary example of $38,000.00 from the \614 idea was used. Although, the gross estimate to play with could produce data from approx. 380 sites @ $100.00 per station, it's just an estimate. I've a more detailed breakdown. A breakdown that went all the way to calculating time between station's which is a reflection of personal experience setting and retrieving,

"Collection of suspended bi-valves that monitor environment/stress by means of a Fast vessel."

This idea will probably get a laugh out Bob and Phil but I'm going to submit it anyway. It came to me during the last Scientific EVOS gathering; where one presenter said "-clam's don't have the ability to flush certain pollutants/toxins that normally most other species would!" This generated an idea to suspend a (best choice) species, in the water column at several locations around the sound, retrieved during a specific time of year using a fast vessel, then be shipped for analysis to a scientific station. Suspended because of ease in extraction. What I don't know is if there would be enough food. Basically the goal would be to register pollutant's levels very possibly in the water column's not known to exist and sampling on a regular basis could certainly ascertain existence and possibly point source detection.

The other component that may be analyzed are the lateral lines on certain clam shells. I've had a bit of difficulty in finding any past studies relevant to something that may simply represent a

natural non uniform characteristic. I was hoping an understanding or indication of environmental stress might come from this.

Review:
These idea's may or may not have scientific merit. They have been constructed with consideration to elements from attended NRC/GEM meetings, NRC/GEM reports, attended EVOS Scientific gatherings and a belief that there is a consensus to incorporate, more, a local involvement component (LEC). It may be as difficult for the scientific community to foster LEC, as it is for the local community (or interested individuals) in developing participatory functions more than supplying limited services. I believe these show creativity that takes steps in crossing or bridging existing gap's.

It's been a goal for some time(1997) to keep an eye and ear to the ground for the vaguest opportunity to get people involved. Because of the vessel of opportunity project examples being given attention with regards to monitoring post 2000, GEM is producing allot of lobbying for few dollars and I don't believe the competition factor has diminished. Maybe increased!

As you can see I've not used VNT letter head which should show the time spent to construct these was at home, on my PC. Believe me when I say with GEM it's now very difficult to even develop a project idea, let alone construct one or several that would or could involve the VNT office. Although more responsibility could be developed with the CTD i.e. responsible for the care, calibration, down loading and possibly a venue for a data specific information out let center-are a few idea's that would take a little training, but I don't believe a PHD.

Any similarity to other projects only reflects coincidence within the "Vessel of Opportunity" context. The above idea's are mine alone but developed with several degree's of difference. OK! So I didn't get mine in first.

I appreciate the opportunity to participate.

Respectfully;

Charlie Hughey

cc: Sandra Shubert

Exxon Valdez Oil Spill Trustee Council

441 W. 5th Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178

MEMORANDUM

TO: Trustee Council

THROUGH: Molly McCammon
Executive Director

Debbie Hennigh

FROM: Debbie Hennigh
Administrative Manager

DATE: September 3, 2002

RE: July Investment Reports

Included are the Department of Revenue's reports as of July 31, 2002:

- Statement of Invested Assets,
- Statement of Investment Income and Changes in Invested Assets,
- Asset Allocation Policy with Actual Investment Holdings, and
- Performance Measurement.

Also attached are the following graphs for the period of activity ending July 31, 2002:

- Investment Fund Assets, and
- Earnings (Loss).

Also included are graphs of each investment pool's activity for October 2000 through July 2002, the entire investment fund/benchmark, and each individual pool/benchmark for July 2002.

Attachments

cc: Investment Working Group

STATE OF ALASKA
DEPARTMENT OF REVENUE
TREASURY DIVISION

Exxon Valdez Oil Spill Investment Fund

STATEMENT OF INVESTMENT INCOME
AND CHANGES IN INVESTED ASSETS

For the period ended July 31, 2002

	CURRENT MONTH	FEDERAL YEAR TO DATE
Investment Income		
Cash and cash equivalents		
Short-term Fixed Income Pool	$ 458	$ 4,140
Marketable debt and equity securities		
Non-pooled investments		
Broad Market Fixed Income Pool	1,004,783	3,554,259
Non-retirement Domestic Equity Pool	(5,583,323)	(6,988,274)
SOA International Equity Pool	(3,105,112)	(1,073,648)
Commission Recapture	13,544	35,576
Total income from marketable debt and equity securities	(7,670,109)	(4,472,087)
Total investment income (loss)	(7,669,651)	(4,467,947)
Total invested assets, beginning of period	177,578,262	174,451,698
Net contributions (withdrawals)	-	(75,140)
Total invested assets, end of period	$ 169,908,611	$ 169,908,611

STATE OF ALASKA
DEPARTMENT OF REVENUE
TREASURY DIVISION

Exxon Valdez Oil Spill Investment Fund

STATEMENT OF INVESTED ASSETS

July 31, 2002 and 2001

Investments (at fair value)	**2002**	**2001**
Cash and cash equivalents		
Short-term Fixed Income Pool	$ 262,672	$ 77,798
Marketable debt and equity securities		
Broad Market Fixed Income Pool	75,590,437	62,822,366
Non-retirement Domestic Equity Pool	65,302,308	48,492,162
SOA International Equity Pool	28,753,194	19,663,491
Total invested assets	$ 169,908,611	$ 131,055,818

STATE OF ALASKA
DEPARTMENT OF REVENUE - TREASURY DIVISION

Exxon Valdez Oil Spill Investment Fund
Asset Allocation Policy (effective 4/24/00) with Actual Investment Holdings as of July 31, 2002

	Asset Allocation		Fair value	Current Allocation	Variance
	Policy	Range			
Cash and cash equivalents					
Short-term Fixed Income Pool	**0.00%**		**262,216.81**	0.15%	-0.15%
Total cash and cash equivalents	**0.00%**		**262,216.81**	**0.15%**	**-0.15%**
Marketable debt and equity securities					
Broad Market Fixed Income Pool	**42.00%**	**35% - 49%**	**75,590,437.03**	44.49%	-2.49%
Non-retirement Domestic Equity Pool	**41.00%**	**34% - 48%**	**65,302,308.04**	38.43%	**2.57%**
SOA International Equity Pool	**17.00%**	**12% - 22%**	**28,753,193.69**	16.92%	0.08%
Total marketable debt securities	**100.00%**		**169,645,938.76**	**99.85%**	**0.15%**
Total holdings	**100.00%**		**169,908,155.57**	**100.00%**	**0.00%**
Short-term Fixed Income Pool Interest Receivable			**454.93**		
Total Invested Assets at Fair Value			**169,908,610.50**		

Prepared by Treasury Division
Printed: 8/6/02 at 1:35 PM
Filename: EVOS_0702 policy

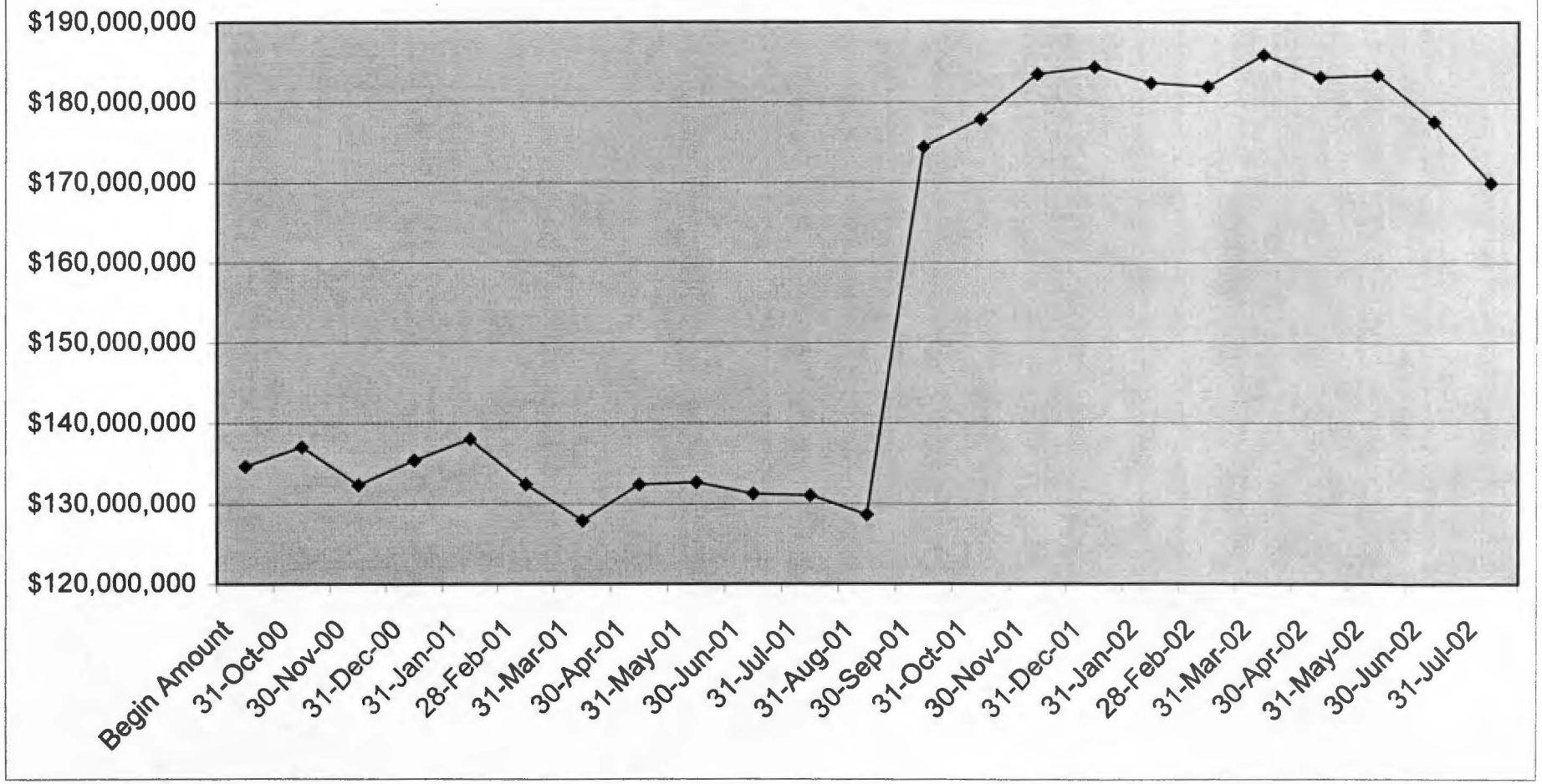
Exxon Valdez Oil Spill Investment Fund
Period Ending July 31, 2002

	Mkt Value ($M)	Monthly Return	3 Mo. Return	Calendar YTD	Federal Fiscal YTD*	Inception to Date**
AY02 EVOS Investment Fund	**169,908**	**-4.32**	**-7.20**	**-7.81**	**-2.56**	*-6.33*
EVOS Investment Fund Index		***-4.43***	***-7.46***	***-8.04***	***-2.54***	*-8.33*
Short-term Fixed Income Pool	263	0.18	0.54	1.11	1.80	*4.11*
91 day T-Bill		*0.15*	*0.46*	*1.05*	*1.69*	*3.76*
Broad Market Fixed Income Pool	75,590	1.35	3.27	4.80	4.87	*9.79*
Lehman Brothers Aggregate Index		*1.21*	*2.96*	*5.06*	*5.10*	*9.88*
Non-Retirement Domestic Equity Pool	65,302	-7.88	-15.46	-19.14	-9.67	*-20.05*
Russell 3000 Index		*-7.95*	*-15.57*	*-19.22*	*-9.72*	*-21.12*
SOA International Equity Pool	28,753	-9.72	-11.46	-8.01	-3.66	*-16.19*
Morgan Stanley Capital Intl. (EAFE)		*-9.87*	*-12.36*	*-11.33*	*-5.15*	*-18.82*

Source: State Street Bank, Insight.

* Federal Fiscal YTD indicates a term beginning October 1, 2001 to current period ending.
** Inception Date: October 31, 2000

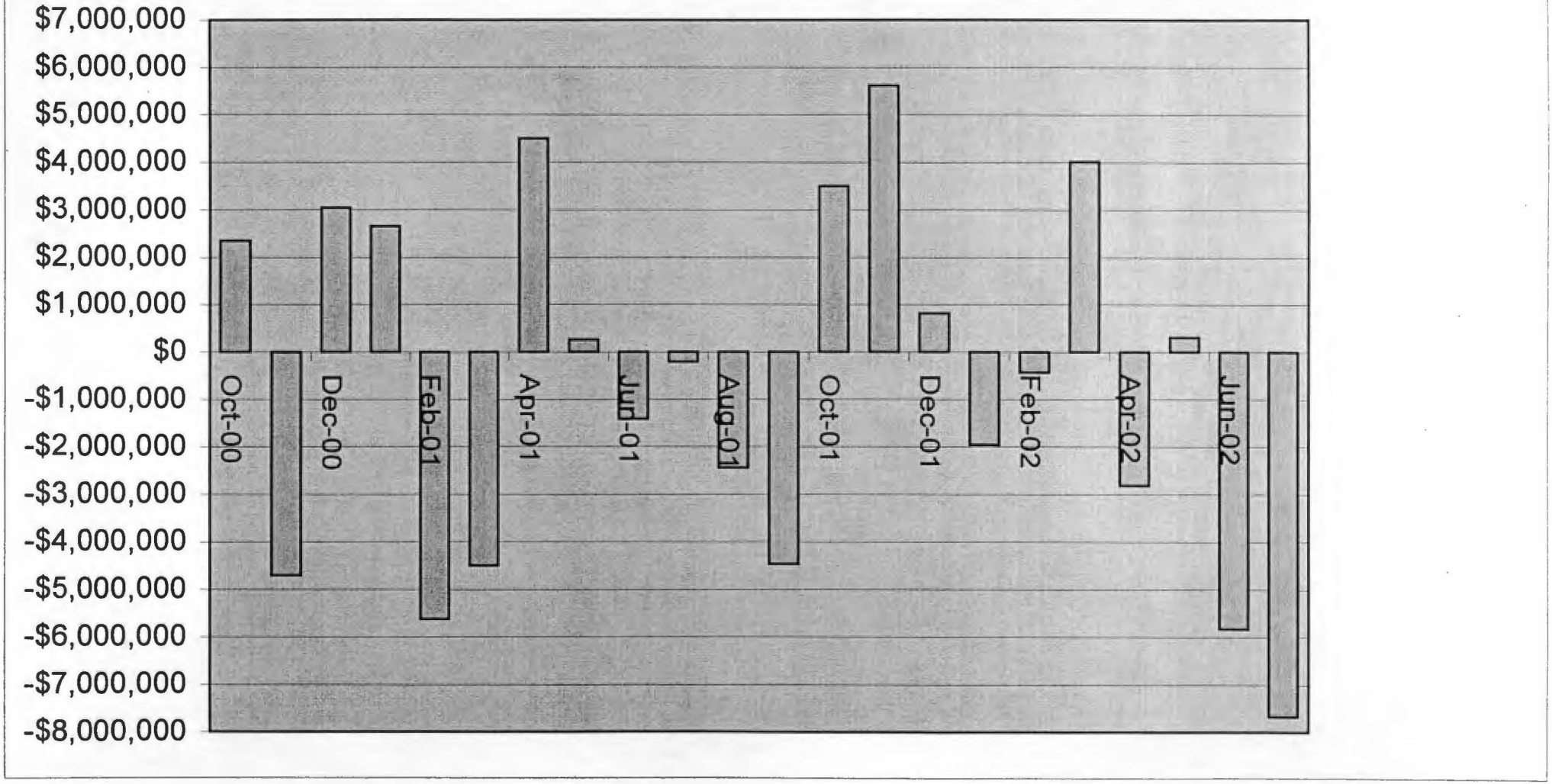
Exxon Valdez Oil Spill Trustee Council
Investment Fund Assets



Note: September's amount reflects addition of Exxon's last payment of $66,113,500

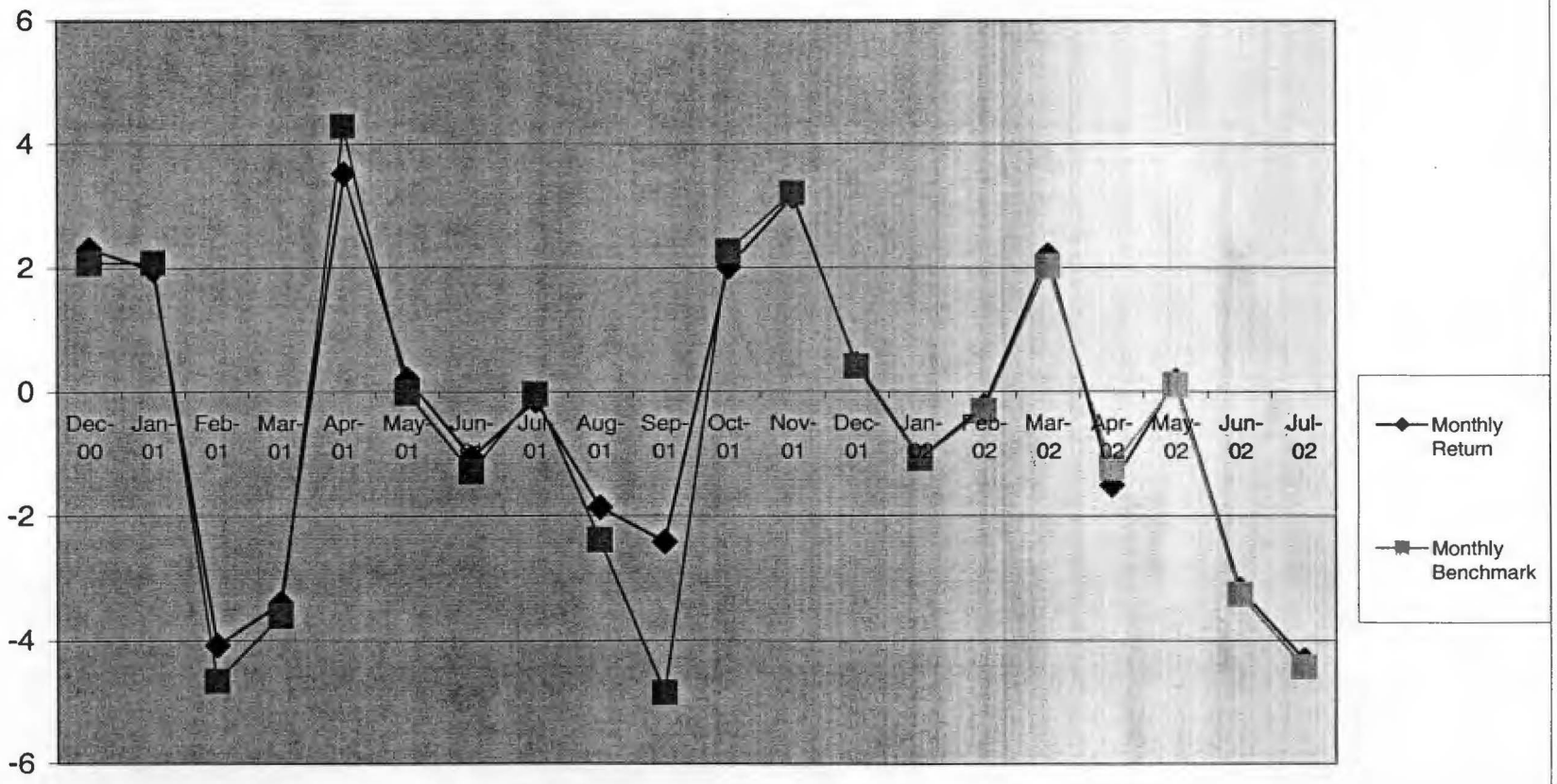
EVOS Investment Fund Earnings (Losses)				
	SFY 01	SFY 02	Total	
31-Oct-00	$2,503,034			
30-Nov-00	-$4,794,990			
31-Dec-00	$3,042,417			
31-Jan-01	$2,652,034			
28-Feb-01	-$5,626,092			
31-Mar-01	-$4,499,192			
30-Apr-01	$4,497,983			
31-May-01	$267,233			
30-Jun-01	-$1,412,478			
31-Jul-01		-$203,007		
31-Aug-01		-$2,442,542		
30-Sep-01		-$4,465,637		
31-Oct-01		$3,499,297		
30-Nov-01		$5,613,492		
31-Dec-01		$811,775		
31-Jan-02		-$1,964,261		
28-Feb-02		-$432,974		
31-Mar-02		$4,009,240		
30-Apr-02		-$2,812,729		
31-May-02		$310,473		
30-Jun-02		-$5,832,528		
31-Jul-02		-7669651		
Total Earnings/Losses	**-$3,370,051**	**-$11,579,052**	**-$14,949,103**	
Federal Fiscal Year 02 Year-to-Date Earnings		**-$4,467,866**		
Federal Fiscal Year 01 Earnings		**-$10,481,237**		

Exxon Valdez Oil Spill Trustee Council
Investment Fund Earnings (Loss) as of July 31, 2002



EVOS Investment Fund - EVOS Index																				
NOTE: The increase in assets from August 2001 to September 2001 is due to Exxon's last payment and not earnings.																				
	Dec-00	Jan-01	Feb-01	Mar-01	Apr-01	May-01	Jun-01	Jul-01	Aug-01	Sep-01	Oct-01	Nov-01	Dec-01	Jan-02	Feb-02	Mar-02	Apr-02	May-02	Jun-02	Jul-02
Monthly Return	2.3	1.96	-4.08	-3.4	3.52	0.2	-1.06	-0.15	-1.86	-2.41	2.01	3.15	0.44	-1.07	-0.24	2.2	-1.51	0.17	-3.18	-4.32
Monthly Benchmark	2.07	2.08	-4.66	-3.6	4.29	-0.02	-1.29	-0.04	-2.37	-4.85	2.27	3.21	0.41	-1.08	-0.31	2.02	-1.22	0.1	-3.26	-4.43
Market Value ($M)	135,397	138,049	132,423	127,924	132,404	132,671	131,259	131,056	128,613	174,452	177,950	183,565	184,376	182,412	181,931	185,940	183,100	183,411	177,578	169,908

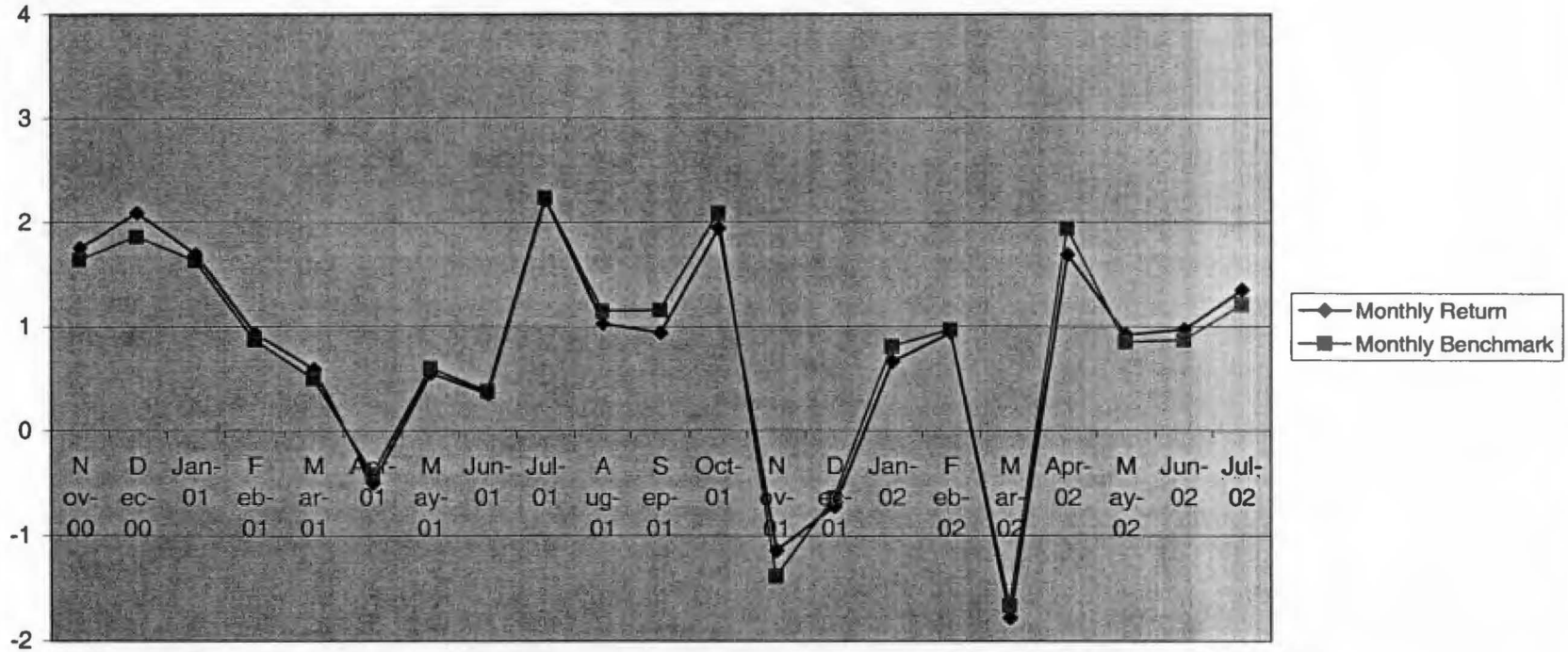
EVOS INVESTMENT FUND - EVOS INDEX



Fixed Income Pool - Lehman Brothers Aggregate Index																					
NOTE: The increase in assets from August 2001 to September 2001 is due to Exxon's last payment and not earnings.																					
	Nov-00	Dec-00	Jan-01	Feb-01	Mar-01	Apr-01	May-01	Jun-01	Jul-01	Aug-01	Sep-01	Oct-01	Nov-01	Dec-01	Jan-02	Feb-02	Mar-02	Apr-02	May-02	Jun-02	Jul-02
Monthly Return	1.75	2.09	1.69	0.93	0.59	-0.5	0.55	0.35	2.22	1.03	0.94	1.94	-1.14	-0.72	0.66	0.94	-1.78	1.69	0.92	0.97	1.35
Monthly Benchmark	1.64	1.86	1.63	0.87	0.5	-0.42	0.6	0.38	2.24	1.15	1.16	2.09	-1.38	-0.64	0.81	0.97	-1.66	1.94	0.85	0.87	1.21
Market Value (in $M)	58,073	59,289	60,291	60,853	61,210	60,906	61,238	61,458	62,822	63,483	72,063	73,460	72,621	72,108	72,587	73,276	71,972	73,195	73,872	74,587	75,590

Fixed Income Pool - Lehman Brothers Aggregate Index

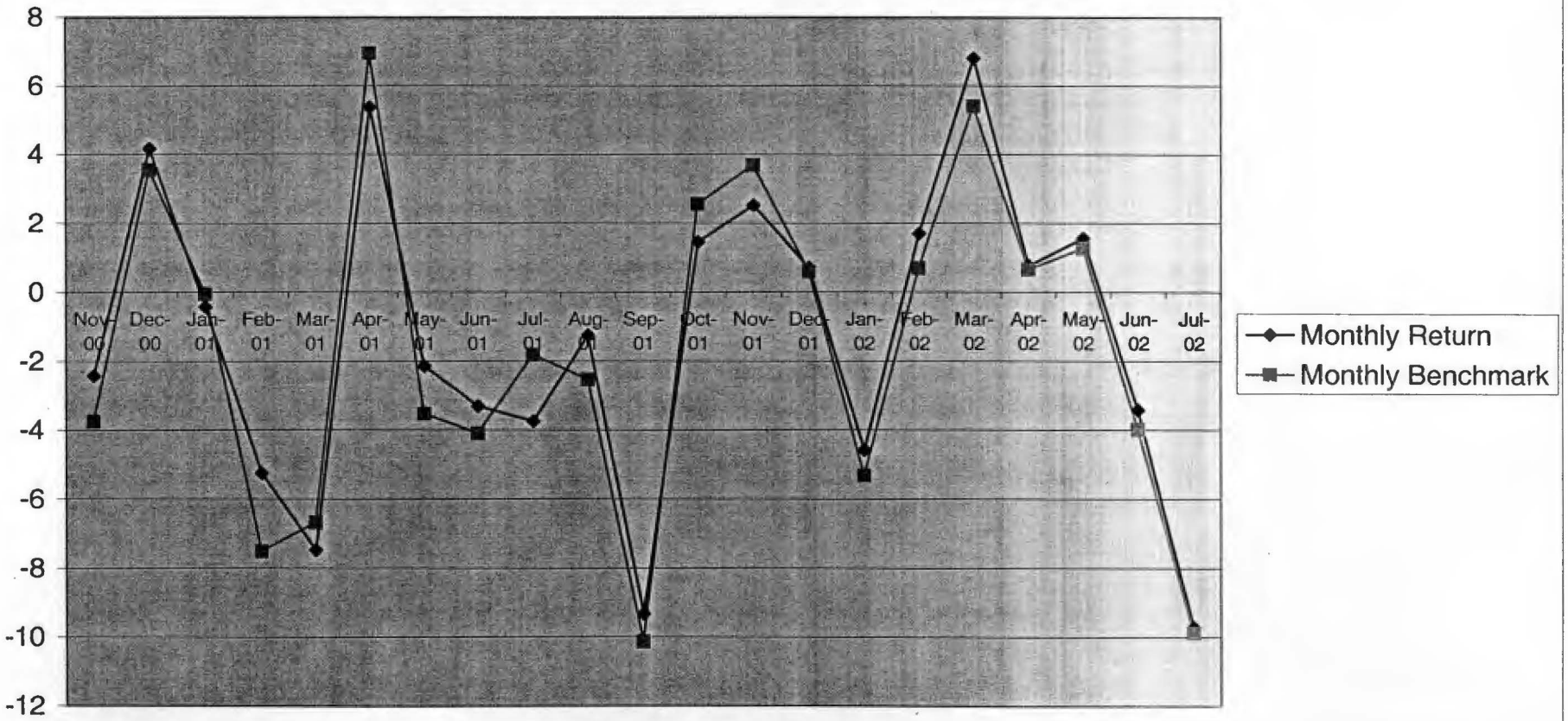
July 2002



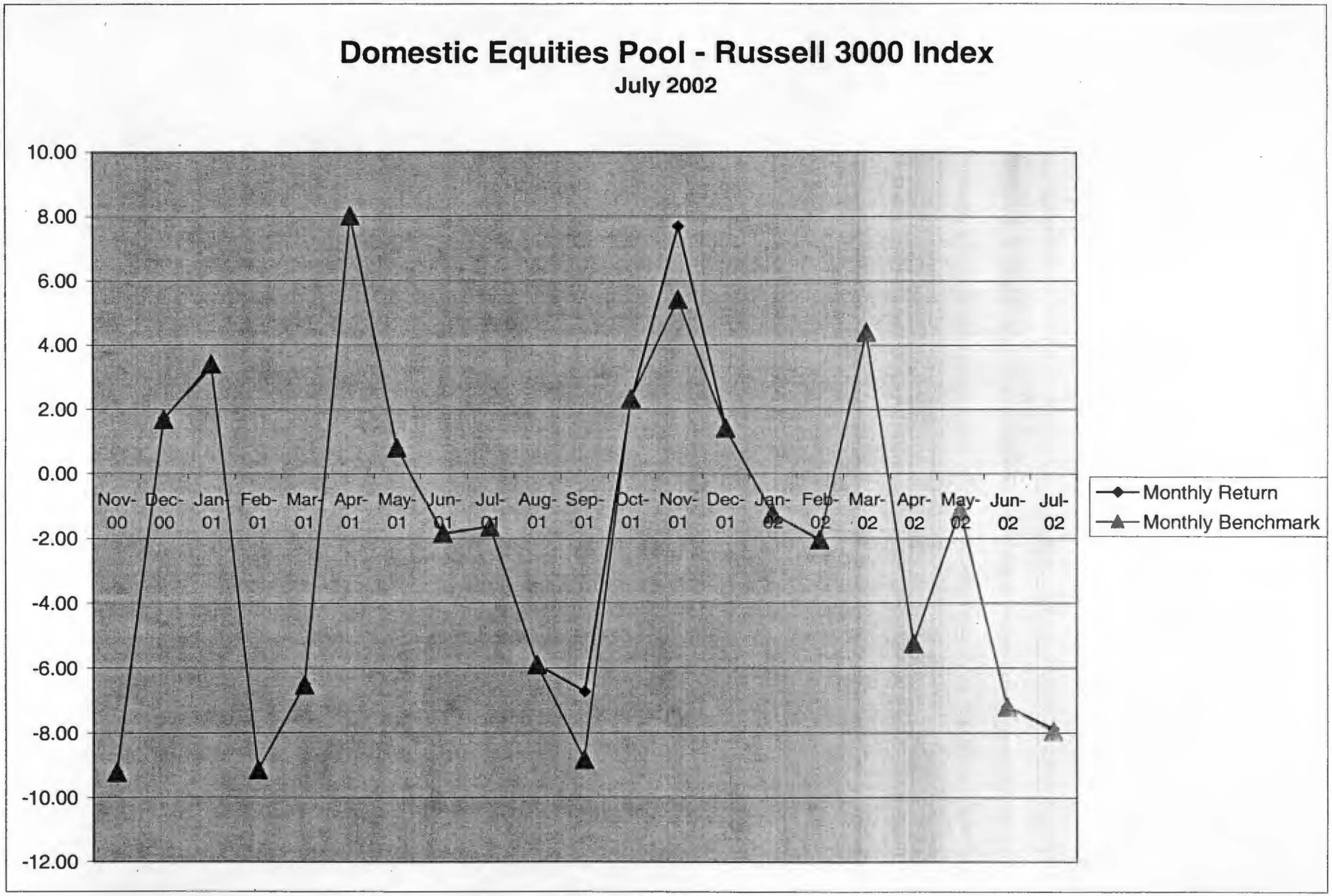
International Equities Pool - Morgan Stanley Capital Intl (EAFE)																				
NOTE: The increase in assets from August 2001 to September 2001 is due to Exxon's last payment and not earnings.																				
	Nov-00	Dec-00	Jan-01	Feb-01	Mar-01	Apr-01	May-01	Jun-01	Jul-01	Aug-01	Sep-01	Oct-01	Nov-01	Dec-01	Jan-02	Feb-02	Mar-02	Apr-02	May-02	Jun-02	Jul-02
Monthly Return	-2.43	4.16	-0.44	-5.25	-7.47	5.37	-2.15	-3.31	-3.75	-1.26	-9.33	1.45	2.52	0.7	-4.58	1.69	6.8	0.76	1.55	-3.42	-9.72
Monthly Benchmark	-3.75	3.55	-0.05	-7.5	-6.67	6.95	-3.53	-4.09	-1.82	-2.53	-10.13	2.56	3.69	0.59	-5.31	0.7	5.41	0.66	1.27	-3.98	-9.87
Market Value ($M)	22,541	23,479	23,375	22,148	20,494	21,593	21,128	20,430	19,664	19,416	29,844	30,275	31,039	31,256	29,826	30,331	32,229	32,475	32,977	31,849	28,753

International Equity Pool - Morgan Stanley Capital Intl. (EAFE)

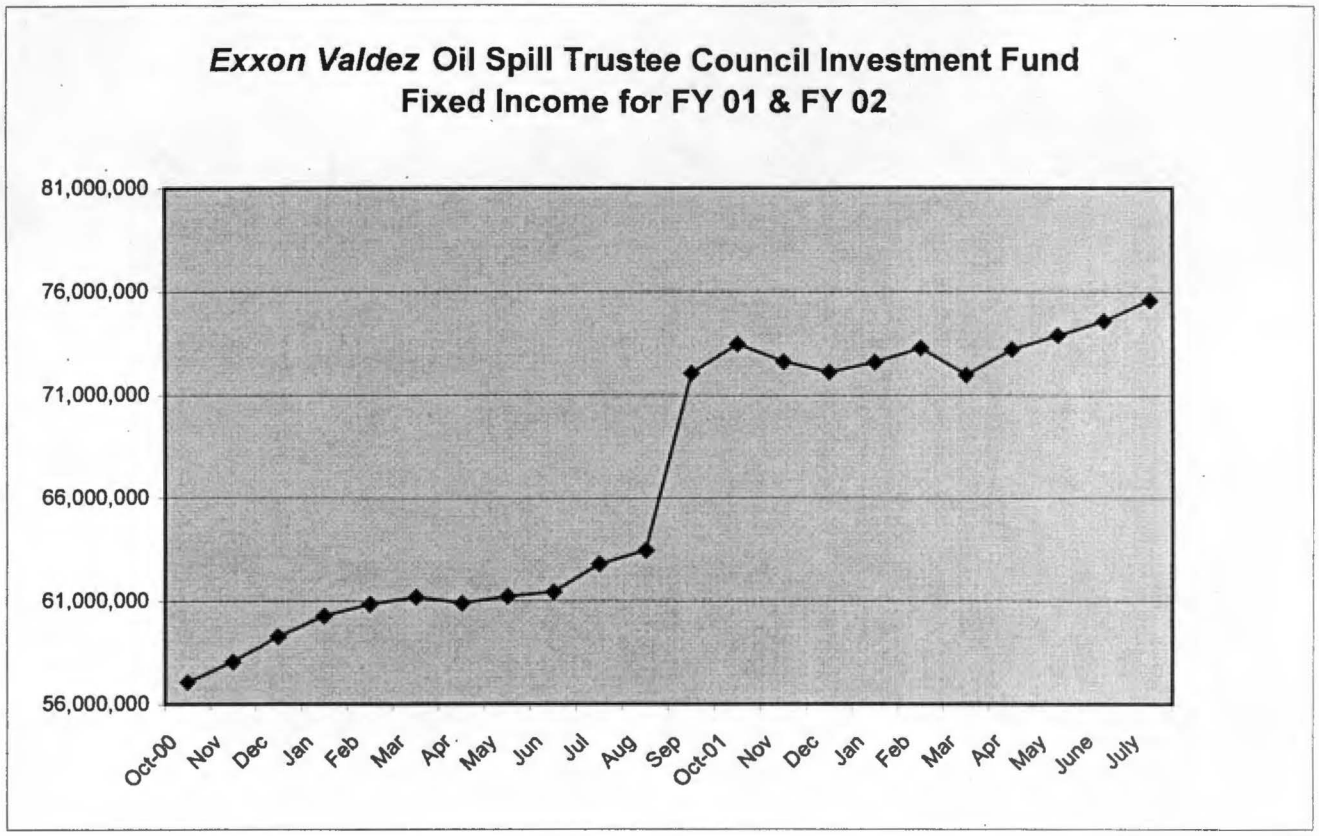
July 2002



Domestic Equities Pool - Russell 3000 Index																					
NOTE: The increase in assets from August 2001 to September 2001 is due to Exxon's last payment and not earnings.																					
	Nov-00	Dec-00	Jan-01	Feb-01	Mar-01	Apr-01	May-01	Jun-01	Jul-01	Aug-01	Sep-01	Oct-01	Nov-01	Dec-01	Jan-02	Feb-02	Mar-02	Apr-02	May-02	Jun-02	Jul-02
Monthly Return	-9.20	1.72	3.34	-9.14	-6.49	8.03	0.80	-1.86	-1.63	-5.9	-6.72	2.31	7.69	1.39	-1.25	-2.04	4.37	-5.25	-1.13	-7.19	-7.88
Monthly Benchmark	-9.22	1.68	3.42	-9.14	-6.52	8.02	0.80	-1.84	-1.65	-5.89	-8.82	2.33	5.42	1.41	-1.25	-2.05	4.39	-5.25	-1.16	-7.2	-7.95
Market Value ($M)	51,649	52,537	54,290	49,329	46,126	49,828	50,228	49,294	48,492	45,636	72,291	73,960	79,649	80,756	79,743	78,116	81,530	77,248	76,379	70,886	65,302

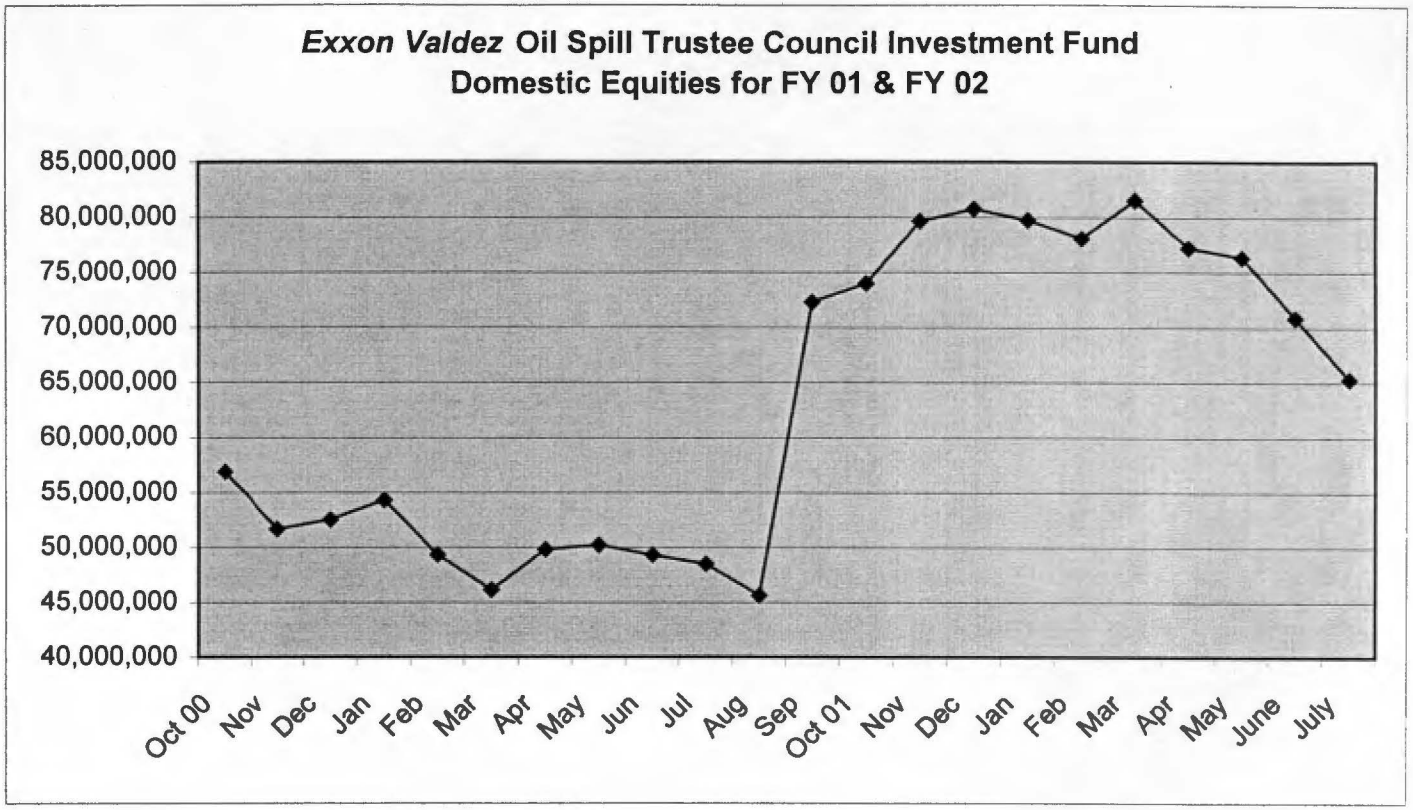

Domestic Equities Pool - Russell 3000 Index
July 2002
10.00
8.00
6.00
4.00
2.00
0.00
-2.00
-4.00
-6.00
-8.00
-10.00
-12.00
Nov-00
Dec-00
Jan-01
Feb-01
Mar-01
Apr-01
May-01
Jun-01
Jul-01
Aug-01
Sep-01
Oct-01
Nov-01
Dec-01
Jan-02
Feb-02
Mar-02
Apr-02
May-02
Jun-02
Jul-02
Monthly Return
Monthly Benchmark

Oct-00	57,075,942
Nov	58,072,794
Dec	59,288,677
Jan	60,291,225
Feb	60,852,550
Mar	61,209,483
Apr	60,905,590
May	61,238,245
Jun	61,457,699
Jul	62,822,366
Aug	63,483,499
Sep	72,062,627
Oct-01	73,460,139
Nov	72,621,000
Dec	72,108,186
Jan	72,587,000
Feb	73,275,581
Mar	71,971,774
Apr	73,194,533
May	73,871,860
June	74,587,039
July	75,590,437



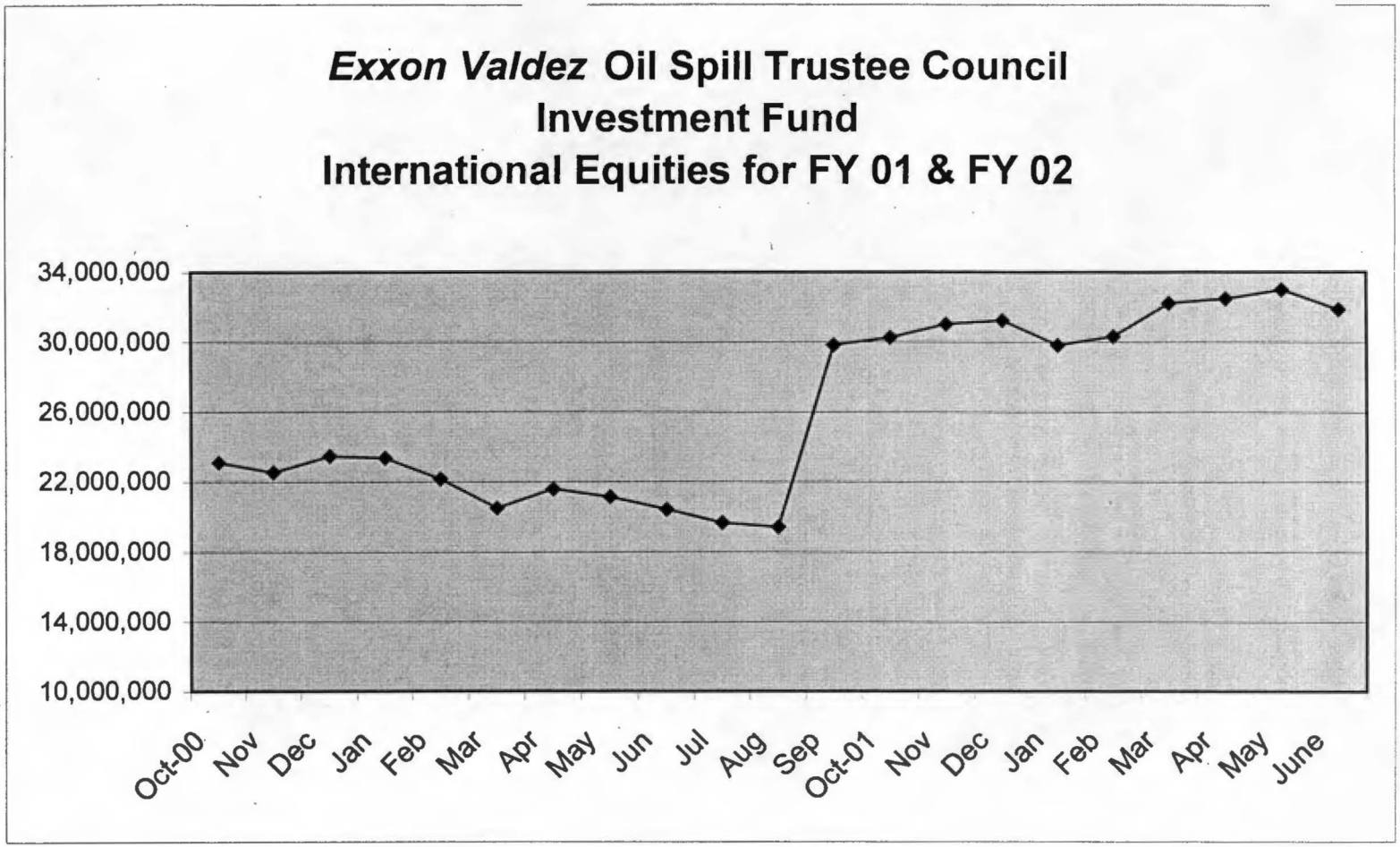
Note: September's increased amount is due to contributions from Exxon's last payment.

Oct 00	56,879,447
Nov	51,648,963
Dec	52,536,681
Jan	54,289,747
Feb	49,329,178
Mar	46,126,312
Apr	49,828,183
May	50,227,785
Jun	49,293,870
Jul	48,492,162
Aug	45,636,080
Sep	72,290,582
Oct 01	73,960,245
Nov	79,649,000
Dec	80,755,640
Jan	79,743,000
Feb	78,115,740
Mar	81,529,790
Apr	77,248,523
May	76,378,585
June	70,885,631
July	65,302,308



Note: September's increased amount is due to contributions from Exxon's last payment.

Oc	23,102,643
Nov	22,540,761
Dec	23,478,963
Jan	23,374,808
Feb	22,147,519
Mar	20,493,757
Apr	21,593,395
May	21,128,062
Jun	20,429,757
Jul	19,663,491
Aug	19,415,611
Sep	29,844,062
Oct-01	30,275,491
Nov	31,039,000
Dec	31,256,254
Jan	29,826,000
Feb	30,330,853
Mar	32,229,591
Apr	32,474,957
May	32,977,718
June	31,848,727
July	28,753,194



Note: September's increased amount is due to contributions from Exxon's last payment.

Exxon Valdez Oil Spill Trustee Council

441 W. 5th Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178

October 12, 2002

Thomas Sullivan Jr.
4551 Montrose Circle
Anchorage, AK 99502

Dear Tom Thomas:

On behalf of the *Exxon Valdez* Oil Spill Trustee Council, thank you for applying for consideration as a Data Management subcommittee member. The Trustee Council met on October 29 and again on November 4 to discuss the makeup and membership of the various subcommittees.

It was most difficult to select from among the list of highly qualified nominees. Unfortunately, only a few slots were available, and your name was not selected at this time.

We hope that we can keep your nomination on file, and call upon you if vacancies occur or for participation in future review sessions.

We look forward to working with you in the future.

Sincerely,

Molly McCammon
Executive Director

Exxon Valdez Oil Spill Trustee Council

441 W. 5th Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178

October 12, 2002

Paul Moersdorf
National Data Buoy Center
1100 Balch Blvd.
Stennis Space Center, Mississippi 39529

Dear Paul:

On behalf of the *Exxon Valdez* Oil Spill Trustee Council, thank you for applying for consideration as a Data Management subcommittee member. The Trustee Council met on October 29 and again on November 4 to discuss the makeup and membership of the various subcommittees.

It was most difficult to select from among the list of highly qualified nominees. Unfortunately, only a few slots were available, and your name was not selected at this time.

We hope that we can keep your nomination on file, and call upon you if vacancies occur or for participation in future review sessions.

We look forward to working with you in the future.

P.S. I know that Phil Mundy talked to you about this last week.

We greatly appreciate your offer to help in other ways.

Looking forward to meeting you.

Molly

Sincerely,

Molly McCammon

Molly McCammon
Executive Director

Exxon Valdez Oil Spill Trustee Council

441 W. 5th Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178

October 12, 2002

Scott Chapal
J.W. Jones Ecological Research Center
Rt. 2 Box 2324
Newton, GA 39870

Dear Scott:

On behalf of the *Exxon Valdez* Oil Spill Trustee Council, thank you for applying for consideration as a Data Management subcommittee member. The Trustee Council met on October 29 and again on November 4 to discuss the makeup and membership of the various subcommittees.

It was most difficult to select from among the list of highly qualified nominees. Unfortunately, only a few slots were available, and your name was not selected at this time.

We hope that we can keep your nomination on file, and call upon you if vacancies occur or for participation in future review sessions.

We look forward to working with you in the future.

Sincerely,

Molly McCammon
Executive Director

Exxon Valdez Oil Spill Trustee Council

441 W. 5th Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178

October 12, 2002

Matthew Jones
National Center for Ecological Analysis and Synthesis
University of California Santa Barbara
735 State St., Suite 300
Santa Barbara, CA 93101

Dear Matthew:

On behalf of the *Exxon Valdez* Oil Spill Trustee Council, thank you for applying for consideration as a Data Management subcommittee member. The Trustee Council met on October 29 and again on November 4 to discuss the makeup and membership of the various subcommittees.

It was most difficult to select from among the list of highly qualified nominees. Unfortunately, only a few slots were available, and your name was not selected at this time.

We hope that we can keep your nomination on file, and call upon you if vacancies occur or for participation in future review sessions.

We look forward to working with you in the future.

Sincerely,

Molly McCammon
Executive Director

Exxon Valdez Oil Spill Trustee Council

441 W. 5th Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178

October 30, 2002

Richard Kocan, PhD
SAFS/University of Washinton
PO Box 355100
Seattle, WA 98195

Paul Hershberger, PhD
SAFS/University of Washinton
PO Box 355100
Seattle, WA 98195

James Winton, PhD
Western Fisheries Research Center
6505 NE 6th Street
Seattle, WA 98115

RE: Project 030651 / Geographical and Host Distributions of the Fish Parasite *Ichthyophonus* in the Gulf of Alaska

Dear Richard, Paul, James:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council not fund Project 030561. I have enclosed a copy of my preliminary recommendation on this project, along with the Scientific and Technical Advisory Committee's recommendation on the project's technical merits.

The Trustee Council received 44 proposals totaling more than $6 million. The Council has available less than $2 million for the FY 03 Phase II Work Plan, and it will not be possible to fund all projects proposed.

My preliminary recommendations on all proposals for funding in FY 03 have been incorporated into the Draft Work Plan, which is available for public review on the Trustee Council's web page (*www.oilspill.state.ak.us*). If you would like a copy of the Draft Work Plan sent to you, please call or e-mail the Trustee Council Office:

Telephone	278-8012
Toll-free in Alaska	1-800-478-7745
Toll-free outside of Alaska	1-800-283-7745
E-mail	brenda_hall@oilspill.state.ak.us

Following a review of any public comments received, as well as comments from the Trustee Council's Public Advisory Committee, I will make a final recommendation to the Council. Council action on the Work Plan is scheduled for November 25, 2002.

Thank you for your interest in the Trustee Council's Gulf Ecosystem Research and Monitoring (GEM) program. If you have any questions about this preliminary recommendation, please call me or Phil Mundy, the Trustee Council's Science Director.

Sincerely,

Molly McCammon
Executive Director

Enclosure

cc: Pete Hagen, NOAA Liaison

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY 03 Ph II Request	FY 03 Ph II Recom.	FY 04 Request	FY 04 Recom.
G-030651	Geographical and Host Distributions of the Fish Parasite *Ichthyophonus* in the Gulf of Alaska	R. Kocan/UW P. Hershberger/SAFS J. Winton/DOI-USGS	NOAA	New FY 03-04	$110.1	$0.0	$112.8	$0.0

Project Abstract

To determine whether the Gulf of Alaska serves as a geographical reservoir of infection for the protistan fish parasite, *Ichthyophonus sp.*, this project will survey fishes from the gulf for *Ichthyophonus* and use molecular tools to determine the genetic relatedness among isolates from the west coast of North America. Field collections will be conducted in the Gulf of Alaska from 2003-05, and sampling resources will be shared with the Alaska Food Safety Laboratory, EVOS Project 00567/Monitoring Environmental Contaminants. Culmination of this project will provide: (a) a detailed assemblage of natural *Ichthyophonus* hosts in the gulf, (b) the phylogenetic framework necessary to understand *Ichthyophonus* species diversity, and (c) an understanding of whether *Ichthyophonus* infections among king salmon from the Bering Sea originate from Gulf of Alaska fishes.

STAC Recommendation

This project has broad applications that go beyond the geographic scope of GEM. The proposal has merits that would fit better with other sources of funding. Do not fund.

Executive Director's Preliminary Recommendation

Do not fund based on STAC recommendation.

Review of GEM proposal #030651
Reviewer: 363

1. Technical and scientific status: Rank = 3
   Comments: The assumption that the Gulf of Alaska is a geographical reservoir of infection fails to consider patterns of fish movement into and from the Gulf. How will this research definitively identify reservoirs and source populations from infection in highly migratory fish such as chinook salmon? Will they know when the fish was first infected and where? What about the status of uninfected fish that migrate to feeding grounds in GOA? The general hypothesis proposed leaves a lot out, but testing the hypothesis of separate populations of *Ichthyophonus* between the Bering Sea and GOA in non-migratory fishes would seem supportable. However, I am not convinced that occurrence of *Ichthyophonus* (in one or more forms, see below) and documentation of its distribution are critical to the ecosystem health of the GOA or is a critical factor limiting fish populations or recovery. The proposal needs to make some concrete links in support of this speculation.
2. Methods: Rank = 3
   Comments: RAPD analyses have a notorious reputation for a lack of reliable and repeatable results. Individual conditions are very sensitive and difficult to replicate. Although labs using this technique "swear" by their rigor, efforts to repeat the same experimental results in other labs most often fail. This calls into question the universal nature and reasonable application of results provided by this technique by one lab to determine genetic relatedness among isolates and phylogenetic associations among *Ichthyophonus* species. The genetics component of this proposal needs further documentation and support.
3. Personnel, funding and time: Rank = 4
   Comments: The PIs have individual reputations that suggest the work is within their capacity. The budget seems high with respect to professional salaries and time contributions. What is the WA ferry costs covering? The proposal seems to support travel to four professional meetings by one or more of the PIs – is this a bit excessive for a GEM proposal? Wouldn't the money be better spent doing a more thorough scientific approach to the hypothesis? Projected presentations and publications seem to indicate that the genetics is already done! Is it? If not they appear to have a preconceived bias on how the results of this research will come out – that along with the RADP approach makes the proposal circumspect.

Proposal Evaluation Form

Reviewer: 246

Evaluation due date: **Thursday, September 26**

Proposal number: 030651
Title of proposal: Geographical and Host Distributions of the Fish Parasite Ichthyophonus in the Gulf of Alaska
iple Investigatgor(s): R. Kocan/ UW, P. Hershberger/SAFS, J. Winton/USGS-BRD

Use the comments section below each question area for discussion of your rating. Use as much space as necessary, and allow the table to expand to additional pages as needed. Do not worry about formatting. E-mail this document as an attachment in Word or WordPerfect format to gem@oilspill.state.ak.us no later than the end of business on **Thursday, September 26**. The subject line of the e-mail to me should read, "030651 review".

	Rating[1]
1. Does the proposal provide an understanding of the problem, is it technically and scientifically sound, and will it contribute to the generation and dissemination of scientific knowledge in the topic area?	5 (1-5)

Comments:

These proposal, which seeks to investigate the epozootiology of the parasite Ichthyophonus in Gulf of Alaska fishes, will determine if the parasite has any population-limiting effects or may contribute mortality among pre-spawning salmon. The investigators have been addressing this problem for a few years and are among the leading pathologists in the country. Their understanding of the parasite and of the most effective means of determining the effects of the parasite is clearly demonstrated in the proposal.

2. Are the methods as likely to be effective as any others available in achieving the solution?	4 (1-5)

Comments:

methods proposed, including DNA fingerprinting and parasite culture, are the most ctive methods that could be employed to answer the questions. The proposal is notable for advancing the use of these methods.

However the proposal provides scant detail about where and when the samples will be obtained and few specifics on the species that will be examined. It references another GEM project (#567) as a source for obtaining shared samples however that project is no longer active and did not involve any sampling. It will be difficult to evaluate the effectiveness of the proposal for addressing objectives one and two, without information on the range of the sampling effort and whether the populations examined will be representative. For instance Pollock populations maybe different between Prince William Sound than in the Gulf, and ADFG test fishing efforts maybe limited or non-existent in both areas.

3. Can the solution be achieved with these personnel for the amount of funding requested and within the proposed timeframe? Is it cost effective?	4 (1-5)

Comments:

Comments: The bulk of the monies requested will be going to salary relief, including institutional overhead. For the equivalent of one year's worth of salary plus a technician and some supplies, the proposers anticipate generating three peer-reviewed manuscripts and complete five objectives. That they plan to finish all five objectives by Sept 2004 seems overly optimistic. The cost of shipping hundreds of samples is not tified.

[1] A rating of 1 on question means emphatically "no," and a score of 5 means emphatically "yes"; scores of 2-4 mean "maybe." The reviewer is the best judge of the meaning of "Accurate" and "Adequate," but accurate may mean the proposal shows a clear understanding of what kind of information and research are most needed in this field at this time, and adequate may mean that the appropriate scientific literature is used to support the arguments, and/or that the proposal is well written.

Any other comments:

While the proposal cited information about culture and genetics methods, many of the details needed to judge the practicality of the study are missing. How many populations, how many total fish will be analyzed, how quality of the samples will be insured with ens of different samplers and several kinds of vessels doing the sampling are all lear. We assume the proposers have contacts within Fish and Game who are trained in ing and fixing the samples, but this is not spelled out.

The bulk of the rationale addresses the need for Objectives 1-3 (range, prevalence, pathogenicity) and little rationale for the genetics (Objective 4 and 5). While it is clear from the close reading of the proposal that Dr. Winton is doing this portion at little or no cost, and while it is certainly a concern of interest, Objective 5 (relatedness to Yukon chinook infection) is primarily a concern to those outside the GEM area, though it does illustrate a potential connection between regions.

Reviewer: 4041

030651 - Geographical and Host Distributions of the Fish Parasite Ichthyophonus in the Gulf of Alaska

The Abstract of this proposal ends by defining three research goals. In its present form, the proposal fails to demonstrate the appropriateness of the proposed genetic markers for addressing goals 2 and 3. Specific points which lead me to this conclusion are detailed below.

I shall respect the privacy of the researchers involved, and will not discuss this proposal or my evaluation of it with others. I hope my comments are of use to you.

Best regards,

Page 2

I do not understand what is meant by "sequence" in the following sentence: "Comparisons of sequence results will be made from GOA isolates and those from adult chinook salmon returning to the Yukon, Kuskokwim, and Taku Rivers to determine the origin of the parasite among economically important Alaskan salmonid species already known to be infected."

DNA sequence data is the type most commonly used for phylogenetic inference, but at no point do the authors propose to generate such data.

Page 6

Since no information is given on the variability of RAPDs or other genetic markers within Ichthyophonus, I assume that this information does not exist. My major criticism of Objectives 4 and 5 is that potential results should be described in terms of marker variability. This is a problem throughout, but is most glaring in statements such as "The strains from the Pacific species can also be compared with strains of *Ichthyophonus* from stocks in the Atlantic Ocean to determine if a single type of organism is presented worldwide." No such inference may be made based identity in state for a RAPD marker. Another example is the statement "...if the genetic fingerprints of Bering Sea chinook salmon and GOA herring match, we can assume the source of infection for salmonids north of the Aleutian chain." Absence of variation for any one trait does not imply biological identity.

Other criticisms include:

1. At least one peer-reviewed publication which demonstrates that RAPDs can be used to estimate phylogeny should be cited.
2. Reproducibility should not be listed as a general attribute of RAPD markers. If anything, the length of the primer oligonucleotides and the annealing temperatures used for PCR generation of RAPD data make these data less repeatable than those generated based on other systems. A statement of what the authors plan to do to demonstrate the reliability of the genetic marker would be appropriate.
3. The only citation given for the utility of the proposed markers, (Clark, 1993), is not listed in the Literature Cited section.

Page 7

Under Statistical Methods the authors should give some indication of their plans for analysis of genetic data.

Exxon Valdez Oil Spill Trustee Council

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October 30, 2002

Bruce Finney, PhD
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PO Box 757220
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313A Eielsen
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Amy Hirons
UAF/IMS
PO Box 757220
Fairbanks, AK 99775-7220

RE: Project 030660 / Reconstructing marine Ecosystems: Insight into Climate and Productivity Changes

Dear Bruce, Maribeth, and Amy:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council not fund Project 030660. I have enclosed a copy of my preliminary recommendation on this project, along with the Scientific and Technical Advisory Committee's recommendation on the project's technical merits.

The Trustee Council received 44 proposals totaling more than $6 million. The Council has available less than $2 million for the FY 03 Phase II Work Plan, and it will not be possible to fund all projects proposed.

My preliminary recommendations on all proposals for funding in FY 03 have been incorporated into the Draft Work Plan, which is available for public review on the Trustee Council's web page (*www.oilspill.state.ak.us*). If you would like a copy of the Draft Work Plan sent to you, please call or e-mail the Trustee Council Office:

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Following a review of any public comments received, as well as comments from the Trustee Council's Public Advisory Committee, I will make a final recommendation to the Council. Council action on the Work Plan is scheduled for November 25, 2002.

Thank you for your interest in the Trustee Council's Gulf Ecosystem Research and Monitoring (GEM) program. If you have any questions about this preliminary recommendation, please call me or Phil Mundy, the Trustee Council's Science Director.

Sincerely,

Molly McCammon
Executive Director

Enclosure

cc: Bill Hauser, ADF&G Liaison

SPREA HEET B: FY 03 PHASE II WORK PLAN-EXE TIVE DIRECTOR'S PRELIMINARY RECOMM...JATION

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY 03 Ph II Request	FY 03 Ph II Recom.	FY 04 Request	FY 04 Recom.
G-030660	Reconstructing Marine Ecosystems: Insight into Climate and Productivity Changes	B. Finney/UAF M. Murray/UAF A. Hirons/UAF	ADFG	New FY 03-05	$134.9	$0.0	$152.7	$0.0

Project Abstract

This project will reconstruct changes in marine fish and pinniped abundances, predominantly salmon, cod, and sea lions, over the last 7,000 years using archaeofaunal remains. Analysis of the 13C and 15N records left in marine vertebrate remains recovered from excavated middens from along the coast of Katmai National Park and the Kodiak Archipelago will provide proxy data for ocean productivity and food web changes. The research questions are: What is the long-term variability in fish and marine mammal populations in the Gulf of Alaska and how does this relate to climatic and productivity changes in the Gulf of Alaska region? The results will provide a valuable background for future monitoring studies within the GEM program and for ecosystem managers working to preserve and restore natural population habitats.

STAC Recommendation

There are concerns with the stratigraphic stability of middens versus other areas that this PI has sampled in the past and with the relatively low time resolution of the analysis. The intrinsic sources of variability affecting samples will be greater than with previous studies. While it would be good to have a reliable long-term record of marine biotic production in the GOA region, it is not clear how the new study can be much of an addition to the Karluk Lake work already accomplished by Finney and others, except for data length. This is a very interesting proposal that might be more appropriate for other funding sources. Do not fund.

Executive Director's Preliminary Recommendation

Do not fund based on STAC recommendation.

Proposal Evaluation Form

Reviewer: 1528

Evaluation due date: **Thursday, September 26**

Proposal number: 030660
Title of proposal: Reconstructing Marine Ecosystems: Insight into Climate and Productivity Changes
iple Investigatgor(s): B. Finney/UAF, M. Murray/UAF, A. Hirons/UAF

Use the comments section below each question area for discussion of your rating. Use as much space as necessary, and allow the table to expand to additional pages as needed. Do not worry about formatting. E-mail this document as an attachment in Word or WordPerfect format to gem@oilspill.state.ak.us no later than the end of business on **Thursday, September 26**. The subject line of the e-mail to me should read, "030660 review".

	Rating[1]
1. Does the proposal provide an understanding of the problem, is it technically and scientifically sound, and will it contribute to the generation and dissemination of scientific knowledge in the topic area?	5 (1-5)
Comments: This proposal does an excellent job of justifying and describing a retrospective approach to developing proxy measures of fluctuations in biological productivity and key species abundances in the GEM study area. It is scientifically and technically sound, and proposes the application of a complex but proven technology to gaining insight into ecosystem history. It will contribute to our understanding of the magnitude of change of animal abundances and ecosystem processes in response to climatic variation over long periods of time.	
2. Are the methods as likely to be effective as any others available in achieving the solution?	5 (1-5)
Comments: The methods are particularly well-suited to address the scientific questions that have been posed in this proposal. These methods have been convincingly used to track changes in both animal abundance and as a proxy for ecosystem productivity in the North Pacific and Bering Sea. The combination of ecological archaeology and stable isotope ---lysis is an effective approach.	
3. Can the solution be achieved with these personnel for the amount of funding requested and within the proposed timeframe? Is it cost effective?	5 (1-5)
Comments: The proposers have a proven track record in their fields for accomplishing research of this nature. The cost estimates are realistic and reflect the fact that this project is an intensive use of elaborate scientific techniques that require considerable specialized expertise. Because the project builds upon previous work in the region, and because it relies primarily on the application of established paleoceanographic tools that have been developed and used in other marine regions, I can fairly rate it as cost-effective.	
Any other comments: I am very supportive of this type of research to provide insight into changes in animal populations and ecosystem productivity over long periods of time. This research is especially important for determining "natural" ranges of productivity and abundance, especially in relation to managed populations of fish and mammals. However, proxy variables are not the same as actual measures, and can be affected by a number of interactions (e.g., human population change, salmon abundance, and sea lion remains in middens)that may or may not be responding on the same time scale. I encourage the authors to be cautious in intepretating the implications of long-term signals to shorter-term fluctuations in animal abundance or productivity.	

[1] A rating of 1 on question means emphatically "no," and a score of 5 means emphatically "yes"; scores of 2-4 mean "maybe." The reviewer is the best judge of the meaning of "Accurate" and "Adequate," but accurate may mean the proposal shows a clear understanding of what kind of information and research are most needed in this field at this time, and adequate may mean that the appropriate scientific literature is used to support the arguments, and/or that the proposal is well written.

Proposal Evaluation Form

Reviewer: 1157

Evaluation due date: Thursday, September 26

osal number: 030660

Title of proposal: Reconstructing Marine Ecosystems: Insight into Climate and Productivity Changes

Principle Investigatgor(s): B. Finney/UAF, M. Murray/UAF, A. Hirons/UAF

Use the comments section below each question area for discussion of your rating. Use as much space as necessary, and allow the table to expand to additional pages as needed. Do not worry about formatting. E-mail this document as an attachment in Word or WordPerfect format to gem@oilspill.state.ak.us no later than the end of business on Thursday, September 26. The subject line of the e-mail to me should read, "030660 review".

	Rating[1]
1. Does the proposal provide an understanding of the problem, is it technically and scientifically sound, and will it contribute to the generation and dissemination of scientific knowledge in the topic area?	4.5 (1-5)
Comments: If executed as proposed, the results could provide an improved perspective on temporal variability in productivity in some fish and mammal species. My concerns are 1)developing a gulf-wide perspective based on paleo remains from Katmai and Kodiak. Are other collections available from other areas of Alaska that, if analyzed, might provide a broader perspective. Perhaps linking with the Smithsonian (conducting excavations in Kenai Fjords National Park) and analyzing a split of those materials would help develop a more comprehensive gulf-wide perspective by reducing potential for local (Alaska Peninsula)bias in the record. Bias might occur from a variety of reasons including human preference for one species or age class over another, from collecting carcases rather fishing for salmon, or from cultural/spiritual use of animal remains. Another ntial problem may result from preservational bias. What assumptions are made by the proposers? Despite these questions, I elieve the proposal is solid and has the potential to add significantly to our understanding of long-term variability in the marine ecosystem.	
2. Are the methods as likely to be effective as any others available in achieving the solution?	4.5 (1-5)
Comments: The methods are sound. I am a little confused as to the amount of proxy data being used. Will paleo data from the deepsea drilling project (cores) be used to validate climate and productivity conclusions? One concern is the variability of the ecosystem. This variability occurs on many temporal and spatial scales. It may be useful for the proposers to explain if this variability is a concern based on two sample localities in a similar geographic area. Based on a gulf-wide scale, might increasing geographic distribution of sample localities be beneficial?	
3. Can the solution be achieved with these personnel for the amount of funding requested and within the proposed timeframe? Is it cost effective?	5 (1-5)

[1] A rating of 1 on question means emphatically "no," and a score of 5 means emphatically "yes"; scores of 2-4 mean "maybe." The reviewer is the best judge of the meaning of "Accurate" and "Adequate," but accurate may mean the proposal shows a clear understanding of what kind of information and research are most needed in this field at this time, and adequate may mean that the appropriate scientific literature is used to support the arguments, and/or that the proposal is well written.

Comments: The proposers constitute an effective team each bringing needed expertise to the group.

other comments: Although it's too late for consideration this year, perhaps adding a strong education component requirement for all GEM proposals may greatly benefit the GEM program research and general knowledge. Public interest and understanding is crucial to obtaining support for GEM. An informed public (researchers, educators, graduate and under graduate students, fishermen, etc.) would also benefit by timely disclosure of data and results. To prevent data lock up, one other consideration might be requiring timely publishing and/or release of data for use by multiple groups. I am concerned in that I and others have had a difficult to impossible time retrieving data from past work, the SEA program in particular. Those data would be of great benefit to those of us involved dispersants modeling, non indigenous species studies, etc. That stated, this project is one that would be of interest to a very broad readership including legislators and lends itself to public education and outreach. I also recommend, as stated above, that if funded, this group contact Dr. Aron Crowell, Smithsonian Arctic Studies Center (907-343-6162) to determine if work conducted by Dr. Crowell would augment the value of this work by enlarging the study area to include site(s) on the Kenai Peninsula.

Proposal Evaluation Form

Reviewer: 3984 Evaluation due date: **Thursday, September 26**

Proposal number: 030660
Title of proposal: Reconstructing Marine Ecosystems: Insight into Climate and Productivity Changes
iple Investigatgor(s): B. Finney/UAF, M. Murray/UAF, A. Hirons/UAF

he comments section below each question area for discussion of your rating. Use as much space as necessary, and allow the table to expand to additional pages as needed. Do not worry about formatting. E-mail this document as an attachment in Word or WordPerfect format to gem@oilspill.state.ak.us no later than the end of business on **Thursday, September 26**. The subject line of the e-mail to me should read, "030660 review".

	Rating[1]
1. Does the proposal provide an understanding of the problem, is it technically and scientifically sound, and will it contribute to the generation and dissemination of scientific knowledge in the topic area?	2 (1-5)
Comments: This type of paleoecological work is crucial to providing a background for ecosystem variability. The investigators are at the front edge of this kind of science. The results will be very useful and are likely to be widely publicized and cited. It is a bit difficult to evaluate technically as no details are given about the form of the remains they propose to analyze (bits of marine mammals, fish, etc.). For example, I have no idea if they can really reconstruct age and size classes from deposited remains and thereby conduct a "size frequency analysis".	
2. Are the methods as likely to be effective as any others available in achieving the solution?	1 (1-5)
Comments:To go back farther than the instrumental record (~ 100 years), there are no other methods to determine the relative abundance of animals in the Gulf of Alaska large ne ecosystem. The only question is whether these methods can do that .. and the archers seem confident they can .. and have a good track record to date.	
3. Can the solution be achieved with these personnel for the amount of funding requested and within the proposed timeframe? Is it cost effective?	3 (1-5)
Comments:The research team has given themselves plenty of time (3 years!) and salary to accomplish this project. My major concern is the lack of a climatologist. The project purports to invoke climate as an organizing force but none of the researchers is a specialist in the area of climate. I feel they would have benefitted from such a collaboration.	
Any other comments:From the report I was given it is very difficult to visualize what these archaeological excavations are like. Are they cores? How wide are they? Are there really significant numbers of body parts to estimate abundance and generate isotope time series? The second excavation site apparently will be from a lake and therefore will not address marine animal abundance (except possibly salmon) at all. They are a little vague about this in the proposal, instead emphasizing the hypotheses they will address using material from the first site. The researchers are all involved in several related projects and I cannot judge the level of overlap between this one and the others. In summary, I support this proposal more for the previous and ongoing work the team is doing and their publications to date, than for a complte understanding of what exactly are going to do.	

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Exxon Valdez Oil Spill Trustee Council

441 W. 5th Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178

October 30, 2002

David G. Roseneau
Alaska Maritime Nat'l Wildlife Refuge
2355 Kachemak Bay Dr, Ste 101
Homer, AK 99603-8021

RE: Project 030561 / Testing Community-based Forage Fish Sampling Programs in Prot Graham and Nanwalek

Dear Dave:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council not fund Project 030561. I have enclosed a copy of my preliminary recommendation on this project, along with the Scientific and Technical Advisory Committee's recommendation on the project's technical merits.

The Trustee Council received 44 proposals totaling more than $6 million. The Council has available less than $2 million for the FY 03 Phase II Work Plan, and it will not be possible to fund all projects proposed.

My preliminary recommendations on all proposals for funding in FY 03 have been incorporated into the Draft Work Plan, which is available for public review on the Trustee Council's web page (*www.oilspill.state.ak.us*). If you would like a copy of the Draft Work Plan sent to you, please call or e-mail the Trustee Council Office:

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Toll-free in Alaska	1-800-478-7745
Toll-free outside of Alaska	1-800-283-7745
E-mail	brenda_hall@oilspill.state.ak.us

Following a review of any public comments received, as well as comments from the Trustee Council's Public Advisory Committee, I will make a final recommendation to the Council. Council action on the Work Plan is scheduled for November 25, 2002.

Thank you for your interest in the Trustee Council's Gulf Ecosystem Research and Monitoring (GEM) program. If you have any questions about this preliminary recommendation, please call me or Phil Mundy, the Trustee Council's Science Director.

Sincerely,

Molly McCammon
Executive Director

Enclosure

cc: Dede Bohn, USGS Liaison

SPREA IEET B: FY 03 PHASE II WORK PLAN-EXE IVE DIRECTOR'S PRELIMINARY RECOMM_..._)ATION

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY 03 Ph II Request	FY 03 Ph II Recom.	FY 04 Request	FY 04 Recom.
G-030561	Testing Community-based Forage Fish Sampling Programs in Port Graham and Nanwalek (FY 03 Phase II)	D. Roseneau/USFWS	DOI	Cont'd FY 03-04	$41.0	$0.0	$22.2	$0.0

Project Abstract

This project is based on previous EVOS projects: APEX (99163/Alaska Predator Ecosystem Experiment) and 02561 and G-030561/Evaluating the Feasibility of Developing a Community-based Forage Fish Sampling Program. It is designed to field-test the hypothesis that residents of oil spill communities can successfully participate in and contribute to forage fish sampling projects by collecting and labeling stomachs from a variety of locally caught predatory fish (e.g., halibut, flounder, cod, lingcod, rockfish, salmon). The study will be conducted during April-August 2003 at Nanwalek and Port Graham on the southeastern shores of Kachemak Bay. Products will include an evaluation of community participation in the sampling efforts and an analysis of the predatory fish stomach contents collected during the project. [NOTE: This project received $17,000 under FY 03 Phase I (G-030561) to compile and analyze information collected during FY 02 (02561) and write a final report.]

STAC Recommendation

Results of 020561 should be evaluated as a long-term monitoring tool before a decision on funding this implementation approach is made. There appears to be little integration between community natural resource management dataset and other aspects of this proposal that estimate forage fish relative abundance. Recommend that in future proposals community research questions, to the extent that they are within the scope of GEM, be the focus of the project. Need more data to determine the efficacy of using predatory fish as samplers of forage fish. Do not fund.

Executive Director's Preliminary Recommendation

Do not fund based on STAC recommendation.

Proposal Evaluation Form

Reviewer: 3733 Evaluation due date: **Thursday, September 26**

Proposal number: 030561
Title of proposal: Testing Community-based Forage Fish Sampling Programs in Port Graham and Nanwalek (FY 03 Phase II)
[redacted]ciple Investigatgor(s): D. Roseneau/USFWS

Use the comments section below each question area for discussion of your rating. Use as much space as necessary, and allow the table to expand to additional pages as needed. Do not worry about formatting. E-mail this document as an attachment in Word or WordPerfect format to gem@oilspill.state.ak.us no later than the end of business on **Thursday, September 26**. The subject line of the e-mail to me should read, "030561 review".

	Rating[1]
1. Does the proposal provide an understanding of the problem, is it technically and scientifically sound, and will it contribute to the generation and dissemination of scientific knowledge in the topic area?	3 (1-5)

Comments:

This reviewer is not intimately familiar with the APEX projects and as such is not familiar with previous work. That being said, it appears reasonable to this reviewer that the collection of stomachs from predatory fish of known origin and time of capture could provide information of the distribution of prey species and possibly relative abundance. The use of local harvesters who are out fishing on a regular basis and who have knowledge of the area is a practical and relatively inexpensive way of collecting this information. The usefulness of this data set will most likely not be known for a number of years. The title indicates that this study will test whether this type of sampling is practical but no mention was made of how this test will be made or what level of participation, data quality, or number of stomachs collected will be considered a success.

[redacted] Are the methods as likely to be effective as any others available in achieving the solution?	3 (1-5)

Comments:

The proposed methods appear to be a reasonable means of collecting information on prey species distribution and relative abundance. Obtaining a more quantative assessment would most likely involve the use of hydroacoustics to assess magnitude and sampling to validate species composition. The accuracy and precision of these quantative estimates are directly related to funding - generally the more funding the better the estimates. Good quantative estimates would most likely cost more than the $41k and 22k proposed here.

3. Can the solution be achieved with these personnel for the amount of funding requested and within the proposed timeframe? Is it cost effective?	4 (1-5)

Comments:

I believe the proposal is cost effective.

[redacted]

[1] A rating of 1 on question means emphatically "no," and a score of 5 means emphatically "yes"; scores of 2-4 mean "maybe." The reviewer is the best judge of the meaning of "Accurate" and "Adequate," but accurate may mean the proposal shows a clear understanding of what kind of information and research are most needed in this field at this time, and adequate may mean that the appropriate scientific literature is used to support the arguments, and/or that the proposal is well written.

Any other comments:

Proposal Evaluation Form

R viewer: 23 Evaluation due date: **Thursday, September 26**

Proposal number: 030561
Title of proposal: Testing Community-based Forage Fish Sampling Programs in Port Graham and Nanwalek (FY 03 Phase

iple Investigatgor(s): D. Roseneau/USFWS

Use the comments section below each question area for discussion of your rating. Use as much space as necessary, and allow the table to expand to additional pages as needed. Do not worry about formatting. E-mail this document as an attachment in Word or WordPerfect format to gem@oilspill.state.ak.us no later than the end of business on **Thursday, September 26**. The subject line of the e-mail to me should read, "030561 review".

	Rating[1]
1. Does the proposal provide an understanding of the problem, is it technically and scientifically sound, and will it contribute to the generation and dissemination of scientific knowledge in the topic area?	3 (1-5)

Comments: The objective of this proposed study is to provide training and experience for local residents that will enable them to obtain samples of forage fishes from the stomachs of predatory fishes. The investigators appear willing to invest the time and energy to work with local residents, including giving them positive feedback by providing them with results of their efforts and giving them access to the information However, I'm not sure I agree with the investigators' statement that statistical methods are not applicable to the proposed work. How will the investigators judge that their efforts to involved communities and local residents are successful? While this study may not need a complicated experimental design and hypothesis testing, it would be greatly strengthened by development of some statistical performance measures. The investigators need to develop formal criteria on which base to base their decision of whether the project was a success or failure, as well as to improve any future efforts. For example, are the investigators hoping to get some proportion of residents from each community involved? Are they expecting participants to sample some minimal number of stomachs? Have they set allowable levels of error in the way data are obtained and recorded as well as the in which samples are packaged and shipped?

I am also not sure about the underlying implied usefulness of the information that would be collected. The investigators have found positive correlations with abundance of forage fishes in halibut stomachs with abundance in sea bird chick diets. They also have found some positive correlations between relative abundance and distribution of forage fishes collected from halibut stomaches and forage fishes caught in mid-water trawls. (Also see comments for item 2.)

2. Are the methods as likely to be effective as any others available in achieving the solution?	3 (1-5)

Comments: Assuming prey abundance in predator stomaches can be used to track forage fishes relative abundance and distribution, then empowering local residents to collect this type of data would appear to be an effective method to use. Even if local residents were paid a small stipend to do this, or received some other type of compensation for their efforts (lottery prizes, etc.), this would probably still be far less expensive than more structured, vessel-based surveys. However, using stomach contents of predators to assess prey abundance is subject to the same assumptions and problems as using fishing fleet catches to assess abundance of targeted fish species. The underlying assumption is that abundance of prey (or the targeted species) is directly proportional to its abundance in predators' stomaches (or in fishing fleet harvests). The problems associated with this assumption is that predators (including humans fishers) can keep their catches high in the face of declining prey. This can occur through learning or simply by expending more effort. One of the ways to deal with this problem is to express the catch in terms of the effort expended. While there is a voluminous fisheries rature on the use and misuse of catch-per-unit effort, this is much more difficult to istic to calculate for non-human predators.

[1] A rating of 1 on question means emphatically "no," and a score of 5 means emphatically "yes"; scores of 2-4 mean "maybe." The reviewer is the best judge of the meaning of "Accurate" and "Adequate," but accurate may mean the proposal shows a clear understanding of what kind of information and research are most needed in this field at this time, and adequate may mean that the appropriate scientific literature is used to support the arguments, and/or that the proposal is well written.

3. Can the solution be achieved with these personnel for the amount of funding requested and within the proposed timeframe? Is it cost effective?	4 (1-5)
Comments: The amount of funding requested appears to be reasonable for the work described. However, it would be useful to learn what the investigators think about the graphic coverage needed, as well as whether annual data collection is required, to effectively monitor forage fishes. Estimating the probable cost of this type of effort (including data collection, analysis, and reporting) would be very helpful in determining the feasibility of actually putting a community-based forage fish monitoring program in place.	
Any other comments:	

Exxon Valdez Oil Spill Trustee Council

441 W. 5th Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178

October 30, 2002

Joel Cooper
Cook Inlet Keeper
PO Box 3269
Homer, AK 99603-3585

RE: Project 030580 / Creating as GIS Map of Impervious Cover in the Cook Inlet Basin

Dear Joel:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council not fund Project 030580. I have enclosed a copy of my preliminary recommendation on this project, along with the Scientific and Technical Advisory Committee's recommendation on the project's technical merits.

The Trustee Council received 44 proposals totaling more than $6 million. The Council has available less than $2 million for the FY 03 Phase II Work Plan, and it will not be possible to fund all projects proposed.

My preliminary recommendations on all proposals for funding in FY 03 have been incorporated into the Draft Work Plan, which is available for public review on the Trustee Council's web page (*www.oilspill.state.ak.us*). If you would like a copy of the Draft Work Plan sent to you, please call or e-mail the Trustee Council Office:

Telephone	278-8012
Toll-free in Alaska	1-800-478-7745
Toll-free outside of Alaska	1-800-283-7745
E-mail	brenda_hall@oilspill.state.ak.us

Following a review of any public comments received, as well as comments from the Trustee Council's Public Advisory Committee, I will make a final recommendation to the Council. Council action on the Work Plan is scheduled for November 25, 2002.

Thank you for your interest in the Trustee Council's Gulf Ecosystem Research and Monitoring (GEM) program. If you have any questions about this preliminary recommendation, please call me or Phil Mundy, the Trustee Council's Science Director.

Sincerely,

Molly McCammon
Executive Director

Enclosure

cc: Pete Hagen, NOAA Liaison

SPREA HEET B: FY 03 PHASE II WORK PLAN-EXE TIVE DIRECTOR'S PRELIMINARY RECOMMENDATION

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY 03 Ph II Request	FY 03 Ph II Recom.	FY 04 Request	FY 04 Recom.
G-030580	Creating a GIS Map of Impervious Cover in the Cook Inlet Basin	J. Cooper/Cook Inlet Keeper	NOAA	New FY 03-05	$51.2	$0.0	$52.1	$0.0

Project Abstract	STAC Recommendation	Executive Director's Preliminary Recommendation
Cook Inlet Keeper will assess percent cover of impervious surfaces within the Cook Inlet basin and its subwatersheds. Using GIS, and synthesizing existing data, Keeper will create maps and tables to illustrate the extent of impervious surfaces, which is an emerging indicator of urbanization and environmental impacts from population growth and development. The results of this project will provide important baseline data as well as valuable information for policy makers, resource managers, scientists, and the general public.	Two primary reasons preclude funding the proposal. First, the proposed estimate of impervious cover leaves a number of critical technical and statistical questions unresolved. The uncertainty over the accuracy and precision of the estimate leaves the suitability of the estimate for a long term monitoring program in serious doubt. Second, substantial uncertainty remains regarding whether this estimate of impervious cover can be related to features that control biological production, such as stream geomorphology. Do not fund.	Do not fund based on STAC recommendation.

Proposal Evaluation Form

Reviewer: 3194

Evaluation due date: **Thursday, September 26**

Proposal number: 030580
Title of proposal: Creating a GIS Map of Impervious Cover in the Cook Inlet Basin
:iple Investigatgor(s): J. Cooper/ Cook Inlet Keeper

Use the comments section below each question area for discussion of your rating. Use as much space as necessary, and allow the table to expand to additional pages as needed. Do not worry about formatting. E-mail this document as an attachment in Word or WordPerfect format to gem@oilspill.state.ak.us no later than the end of business on **Thursday, September 26**. The subject line of the e-mail to me should read, "030580 review".

	Rating[1]
1. Does the proposal provide an understanding of the problem, is it technically and scientifically sound, and will it contribute to the generation and dissemination of scientific knowledge in the topic area?	1 (1-5)
Comments:The proposal seems too ambitious in terms of the aerial extent of the proposed work. Although a GAP analysis is proposed to select areas where the mapping of impervious area has not been done, it does not provide a means of prioritizing those areas. In many, if not most areas of the Cook Inlet Basin, the reason for mapping impervious area does not exist. Impervious area measures are used as a surrogate for anthropogenic changes that may affect hydrologic and water-quality conditions. If the potential for development in a watershed is minimal, the scientific gain in mapping the impervious area of that watershed is also minimal. The proposal does not describe how different types of impervious area will be treated in the analysis. Will a watershed whose impervious area consists soley of ice and bedrock be treated the same as a watershed whose impervious area is roads and buildings? The issue of imagery resolution was not discussed. Some previous mapping may have used 30 meter data, whereas others may use 1-4 meter data. The two are not comparable.	
2. Are the methods as likely to be effective as any others available in achieving the solution?	3 (1-5)
ents:Where the 1-4 meter IKONOS data can be obtained, the methods are appropriate. However, more detail is required on qualifying impervious area as natural or anthropogenic (see comments above).	
3. Can the solution be achieved with these personnel for the amount of funding requested and within the proposed timeframe? Is it cost effective?	2 (1-5)
Comments:The success of the proposed project is dependent on future acquisition of imagery by other agencies. IKONOS data are expensive and it is not realistic to assume that agencies will be willing to purchase the data except for small (developed) areas.	
Any other comments:	

[1] A rating of 1 on question means emphatically "no," and a score of 5 means emphatically "yes"; scores of 2-4 mean "maybe." The reviewer is the best judge of the meaning of "Accurate" and "Adequate," but accurate may mean the proposal shows a clear understanding of what kind of information and research are most needed in this field at this time, and adequate may mean that the appropriate scientific literature is used to support the arguments, and/or that the proposal is well written.

Exxon Valdez Oil Spill Trustee Council

441 W. 5th Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178

October 30, 2002

John S. Devens, PhD
PWSRCAC
PO Box 3089
Valdez, AK 99686

RE: Project 030623 / PWSRCAC-EVOS Long-Term Environmental Monitoring Program

Dear John:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council fund Project 030623. I have enclosed a copy of my preliminary recommendation on this project, along with the Scientific and Technical Advisory Committee's recommendation on the project's technical merits. This recommendation is made for public review and may be revised before it is provided to the Trustee Council in late November.

My preliminary recommendations on all proposals for funding in FY 03 have been incorporated into the Draft Work Plan, which will be available for public review on the Trustee Council's web page (*www.oilspill.state.ak.us*) about October 25. If you would like a copy of the Draft Work Plan sent to you, please call or e-mail the Trustee Council Office:

Telephone	278-8012
Toll-free in Alaska	1-800-478-7745
Toll-free outside of Alaska	1-800-283-7745
E-mail	brenda_hall@oilspill.state.ak.us

Following a review of any public comments received, as well as comments from the Trustee Council's Public Advisory Committee, I will make a final recommendation to the Council. Council action on the Work Plan is scheduled for November 25, 2002.

Thank you for your interest in the Trustee Council's Gulf Ecosystem Research and Monitoring (GEM) program. If you have any questions about this preliminary recommendation or the project review process, please call me or Phil Mundy, the Council's Science Director.

Sincerely,

Molly McCammon
Executive Director

Enclosure

cc: Pete Hagen, NOAA Liaison

SPREA IEET B: FY 03 PHASE II WORK PLAN-EXE IVE DIRECTOR'S PRELIMINARY RECOMM..ATION

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY 03 Ph II Request	FY 03 Ph II Recom.	FY 04 Request	FY 04 Recom.
G-030623	PWSRCAC-EVOS Long-Term Environmental Monitoring Program	J. Devens/PWSRCAC	NOAA	New FY 03	$70.9	$70.9	$0.0	$0.0

Project Abstract

This project will provide essential long-term baseline measurements of hydrocarbon levels and sources at program sites within areas of the Prince William Sound, Kenai Peninsula, Kodiak, and Gulf of Alaska. The objective is to provide a program for the collection of baseline data in mussel tissue and subtidal sediments that can be used to determine impacts of oil sources on the ecosystem. This program will provide an improved link to recovery status and greater efficiency in hydrocarbon sampling and analysis that has been ongoing since 1993 under the auspices of the Prince William Sound Regional Citizens' Advisory Council.

STAC Recommendation

This proposal is a highly rated long-term monitoring project with community involvement. The PIs have modified the proposal in response to past peer review comments. Funding is requested for only one year. There is good potential for being a long-term monitoring component of GEM if data analysis supports this. Fund.

Executive Director's Preliminary Recommendation

Fund for one year only, This program could provide important long-term measurements of hydrocarbon levels and sources throughout the Gulf of Alaska. Any future funding would be contingent on further evaluation of the number and location of monitoring sites and the utility of the data collected.

Exxon Valdez Oil Spill Trustee Council

441 W. 5th Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178

October 30, 2002

Evelyn Brown
UAF-IMS-SFOS
PO Box 757220
Fairbanks, AK 99775-7220

RE: Project 030653 / Remote Sensing for GEM Watersheds and the Nearshore Region

Dear Evelyn:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council not fund Project 030653. I have enclosed a copy of my preliminary recommendation on this project, along with the Scientific and Technical Advisory Committee's recommendation on the project's technical merits.

The Trustee Council received 44 proposals totaling more than $6million. The Council has available less than $2 million for the FY 03 Phase II Work Plan, and it will not be possible to fund all projects proposed.

My preliminary recommendations on all proposals for funding in FY 03 have been incorporated into the Draft Work Plan, which is available for public review on the Trustee Council's web page (*www.oilspill.state.ak.us*). If you would like a copy of the Draft Work Plan sent to you, please call or e-mail the Trustee Council Office:

Telephone	278-8012
Toll-free in Alaska	1-800-478-7745
Toll-free outside of Alaska	1-800-283-7745
E-mail	brenda_hall@oilspill.state.ak.us

Following a review of any public comments received, as well as comments from the Trustee Council's Public Advisory Committee, I will make a final recommendation to the Council. Council action on the Work Plan is scheduled for November 25, 2002.

Thank you for your interest in the Trustee Council's Gulf Ecosystem Research and Monitoring (GEM) program. If you have any questions about this preliminary recommendation, please call me or Phil Mundy, the Trustee Council's Science Director.

Sincerely,

Molly McCammon
Executive Director

Enclosure

cc: Bill Hauser, ADF&G Liaison

SPREADSHEET B: FY 03 PHASE II WORK PLAN-EXECUTIVE DIRECTOR'S PRELIMINARY RECOMMENDATION

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY 03 Ph II Request	FY 03 Ph II Recom.	FY 04 Request	FY 04 Recom.
G-030653	Remote Sensing for GEM Watersheds and the Nearshore Region	E. Brown/UAF, et al	ADFG	New FY 03-04	$222.7	$0.0	$209.0	$0.0

Project Abstract

Using a nested survey design, this project will develop remote sensing tools with varying resolutions for monitoring key processes in the integrated GEM watershed-intertidal-subtidal habitats. This information will be intergrated with more finely scaled aerial and ground sampling data from other studies using four platforms (SAR, Landsat, MODIS, and ASTER). The project will document climatic events, environmental change due to human or natural causes, and the health or status of vegetation within the watersheds, riparian zones, and nearshore beaches on scales from 10 m to 1 km. Historic and current imagery will be acquired centering over the spill region with focus in three areas (Prince William Sound-Outer Kenai, Cook Inlet, and Kodiak). In addition, the project will develop processing algorithms, analyze the spatial and temporal variability of feature data, archive and document all images and procedures on a web-based database (GINA), estimate annual costs, and recommend sampling frequency for each documented feature.

STAC Recommendation

The reviewers suggested limiting the objectives, physical areas and scope of the project before it can be considered in the future. The final work products are not adequately defined. While remote sensing is important to the GEM program, a workshop to identify the most appropriate use of remote sensing as a long-term monitoring tool is needed before this type of proposal can be funded. Do not fund.

Executive Director's Preliminary Recommendation

Do not fund based on STAC recommendation. Funding for a remote sensing workshop is included in Project 030630.

Proposal Evaluation Form

Reviewer: 4039

Evaluation due date: **Thursday, September 26**

Proposal number: 030653
Title of proposal: Remote Sensing for GEM Watersheds and the Nearshore Region
ciple Investigatgor(s): E. Brown/UAF, et al

Use the comments section below each question area for discussion of your rating. Use as much space as necessary, and allow the table to expand to additional pages as needed. Do not worry about formatting. E-mail this document as an attachment in Word or WordPerfect format to gem@oilspill.state.ak.us no later than the end of business on **Thursday, September 26**. The subject line of the e-mail to me should read, "030653 review".

	Rating[1]
1. Does the proposal provide an understanding of the problem, is it technically and scientifically sound, and will it contribute to the generation and dissemination of scientific knowledge in the topic area?	4 (1-5)
Comments: The proposal addresses to utilize 4 platforms of data including SAR, Landsat, Modis, and Aster in order to address land/ocean environmental issues. The proposal willl utilize both historic and current data with field data in order to assess impacts. The remote sensing aspect is a solid plan. The coordination between field and remote sensing is a bit weak on its implementation and how it will be distributed through the GINA system. Recommendations of sampling frequency are an added benefit for this proposal. Combination with aircraft remote sensing is a good collaboration. This proposal does not address specific environmental degradation issues or human or natural causes issues- a fundamental plan should be targeted at a specific issue. Determining the minimum spatial required for sampling with remote sensing will be difficult given their broad spatial coverage compared to field sampling. This assumption must be accounted for. Good statistical analyses. Good use of web site for distribution in GIS format.	
2. Are the methods as likely to be effective as any others available in achieving the solution?	5 (1-5)
Comments: Satellite data proposed is of high quality and the combined use of several platforms is a good solid approach. Intengration into a nested survey is a sound approach.	
3. Can the solution be achieved with these personnel for the amount of funding requested and within the proposed timeframe? Is it cost effective?	3 (1-5)
Comments: Cost seems reasonable given the amount of investigators on the project; however, budget is odd with 1 graduate student time and 2 months salary for each senior scientist. Given there is little field effort and mostly computer effort.	
Any other comments:	

[1] A rating of 1 on question means emphatically "no," and a score of 5 means emphatically "yes"; scores of 2-4 mean "maybe." The reviewer is the best judge of the meaning of "Accurate" and "Adequate," but accurate may mean the proposal shows a clear understanding of what kind of information and research are most needed in this field at this time, and adequate may mean that the appropriate scientific literature is used to support the arguments, and/or that the proposal is well written.

Proposal Evaluation Form

Reviewer: 4024 Evaluation due date: **Thursday, September 26**

Proposal number: 030653
Title of proposal: Remote Sensing for GEM Watersheds and the Nearshore Region
Principle Investigatgor(s): E. Brown/UAF, et al

Use the comments section below each question area for discussion of your rating. Use as much space as necessary, and allow the table to expand to additional pages as needed. Do not worry about formatting. E-mail this document as an attachment in Word or WordPerfect format to gem@oilspill.state.ak.us no later than the end of business on **Thursday, September 26**. The subject line of the e-mail to me should read, "030653 review".

	Rating[1]
1. Does the proposal provide an understanding of the problem, is it technically and scientifically sound, and will it contribute to the generation and dissemination of scientific knowledge in the topic area?	4 (1-5)

Comments:

The proposal number "030653" seems like a sound study, attempting to develop a remote sensing tool for monitoring GEM regions for seasonal events, like freezing and thawing and duration and extent of snow cover. In addition, the remote sensing tool could provide cost-effective means to detect and document human activities within the near-shore and riparian areas of the GEM region. The development of such a tool would support efforts in the future to adequately monitor the GEM region and is thus a very worthwhile endeaver. In addition, all images will be archived on a web-based database, which will most effectively allow the dissemination of study results.

Objective 3, the attempt to develop a link between riparian vegetation growth and condition and the level of salmon escapement seems an interesting research endeaver. However, instead of attempting to tie it into this obvious feasibility study, this question might be better served as a priority in a separate proposal.

2. Are the methods as likely to be effective as any others available in achieving the solution?	5 (1-5)

Comments:

The goal of this study is to develop a new remote sensing tool that once established will provide a cost-effective means to monitor the watersheds and near-shore areas within the GEM region. If established, this tool will far outweigh other more direct methods in its cost-effectiveness.

3. Can the solution be achieved with these personnel for the amount of funding requested and within the proposed timeframe? Is it cost effective?	4 (1-5)

[1] A rating of 1 on question means emphatically "no," and a score of 5 means emphatically "yes"; scores of 2-4 mean "maybe." The reviewer is the best judge of the meaning of "Accurate" and "Adequate," but accurate may mean the proposal shows a clear understanding of what kind of information and research are most needed in this field at this time, and adequate may mean that the appropriate scientific literature is used to support the arguments, and/or that the proposal is well written.

Comments:

While I have no doubt that the principal investigator listed for this proposal are well qualified to undertake the proposed study, the personnel costs appear very high, with five principal investigators, each of them requesting two months support per fiscal year. In contrast, only one graduate student is anticipated for this study. I would suggest to include another graduate student, while decreasing the effort of the PI's.

In order to make the proposed study more cost effective, I'd suggest to focus on one instead of three areas within the GEM region. Since this study is still in the process to develop the remote sensing tool, a scaled-down feasibility study seems more appropriate. Once the use and effectiveness of the remote sensing tool is sufficiently established, the area selected for monitoring could be increased and could in the future cover the whole GEM region.

Any other comments:

Proposal Evaluation Form

Reviewer: 3148 Evaluation due date: **Thursday, September 26**

Proposal number: 030653
Title of proposal: Remote Sensing for GEM Watersheds and the Nearshore Region
ciple Investigatgor(s): E. Brown/UAF, et al

Use the comments section below each question area for discussion of your rating. Use as much space as necessary, and allow the table to expand to additional pages as needed. Do not worry about formatting. E-mail this document as an attachment in Word or WordPerfect format to gem@oilspill.state.ak.us no later than the end of business on **Thursday, September 26**. The subject line of the e-mail to me should read, "030653 review".

	Rating[1]
1. Does the proposal provide an understanding of the problem, is it technically and scientifically sound, and will it contribute to the generation and dissemination of scientific knowledge in the topic area?	4 (1-5)
Comments: Yes, this proposal has a clear understanding of the problem of monitoring of keys processes in the nearshore areas and watersheds of the GEM area. I believe the proposers have developed a technically and scientifically sound feasibility study of remote sensing tools for documenting environmental variability in watersheds and nearshore areas. I do not believe that the secondary objective to link riparian growth and condition to salmon escapement is as well developed as their primary objective.	
2. Are the methods as likely to be effective as any others available in achieving the solution?	4 (1-5)
Comments: At the spatial scale of the GEM area, I believe that the methods presented are likely to be effective in achieving the solution of providing inexpensive, widely available, and precise monitoring tools for evaluating long-term, large scale, changes in watersheds and nearshore areas. However, I am somewhat skeptical of the utility of remote sensing methods for relating smaller scale changes in watersheds to observed ges in salmon productivity. I would hope that the proposer would focus finer scale ods on direct measurements of spawning habitat (e.g., detection and delineation of salmon spawning redds) rather than investigating an indirect relationship with riparian vegetation. A method of this kind could supplant more expensive and smaller coverage aerial photographic surveys.	
3. Can the solution be achieved with these personnel for the amount of funding requested and within the proposed timeframe? Is it cost effective?	5 (1-5)
Comments: Yes, I believe the proposal to investigate the feasibility of remote sensing as a monitoring tool is cost effective and can be delivered as indicated by the proposers. The study will result in a set of potential remote sensing tools and cost estimates for continuing the use of these tools in a long-term approach to large scale monitoring of watersheds and nearshore areas.	
Any other comments: I believe that this is a very interesting proposal from the standpoint of the potential to provide high quality, high coverage, long-term environmental data from watersheds in the GEM area. These data could then be easily related to changes in fishery productivities gained from direct measurements made by ADFG and other management agencies. However, I think the proposers missed the mark in how one might apply these remotely acquired data to the problems of salmon fishery management. I would rather the proposers deemphasized the secondary objective and spent their resources gaining the best possible validation of their remote data with direct or aerial measurements.	

[1] A rating of 1 on question means emphatically "no," and a score of 5 means emphatically "yes"; scores of 2-4 mean "maybe." The reviewer is the best judge of the meaning of "Accurate" and "Adequate," but accurate may mean the proposal shows a clear understanding of what kind of information and research are most needed in this field at this time, and adequate may mean that the appropriate scientific literature is used to support the arguments, and/or that the proposal is well written.

Proposal Evaluation Form

Reviewer: 4049 Evaluation due date: **Thursday, September 26**

Proposal number: 030653
Title of proposal: Remote Sensing for GEM Watersheds and the Nearshore Region
:iple Investigatgor(s): E. Brown/UAF, et al

Use the comments section below each question area for discussion of your rating. Use as much space as necessary, and allow the table to expand to additional pages as needed. Do not worry about formatting. E-mail this document as an attachment in Word or WordPerfect format to gem@oilspill.state.ak.us no later than the end of business on **Thursday, September 26**. The subject line of the e-mail to me should read, "030653 review".

	Rating[1]
1. Does the proposal provide an understanding of the problem, is it technically and scientifically sound, and will it contribute to the generation and dissemination of scientific knowledge in the topic area?	4 (1-5)

Comments:

The aim of this proposal is to develop and evaluate data and products from diverse remote sensing techniques to monitor parameters of interest in the watershed and nearshore GOA regions, compare or link vegetation index to salmon escapement, integrate the data and products with ground and airborne observations, and provide an archival system accessible to the user community. Four diverse satellite/sensors are mainly addressed (Landsat, SAR, MODIS, ASTER) with the possibility of data from at least three others being analyzed (AVHRR, IKONOS, ORBVIEW-3).

The proposal shows sufficient understanding of the ESOV GEM research needed that can be addressed by remote sensing. On the other hand, the proposal does not clearly explain how or if these observations will be able to in fact document important "climatic" events.

2. Are the methods as likely to be effective as any others available in achieving the solution?	4 (1-5)

Comments:

The main thrust of the proposal essentially extends the C-CAP Landsat land classification protocol, already applied to landcover chane in the Yakutat Bay region, to produce EVI products of the PWS, Cook Inlet, and Kodiak Island region.

The likelihood of cloud cover impact on the optical observations is not addressed.

Although applications of RADARSAT-1 SAR data, such as estimation of ice thickness, are supported by the references, the proposed SAR analyses are not explicitly developed in the text of the proposal. For example, a figure of an Antarctic glacier ice vectors is shown, are measurements of a retreating glacier going to be made?

From the discussion, it is not clear how much temporal coverage from each dataset set will be required or can even be acquired to construct a meaningful time series that will capture the important temporal scales of watershed processes.

3. Can the solution be achieved with these personnel for the amount of funding requested and within the proposed timeframe? Is it cost ctive?	3 (1-5)

[1] A rating of 1 on question means emphatically "no," and a score of 5 means emphatically "yes"; scores of 2-4 mean "maybe." The reviewer is the best judge of the meaning of "Accurate" and "Adequate," but accurate may mean the proposal shows a clear understanding of what kind of information and research are most needed in this field at this time, and adequate may mean that the appropriate scientific literature is used to support the arguments, and/or that the proposal is well written.

Comments:

The personnel in the proposal ranges from qualify to highly qualify to conduct the proposed research activities. Unfortunately, it is unlikely that all the features listed in Table 1, even as summarized by the 11 specific processes in the Procedural Methods section, will be addressed with the same level of effectiveness. The proposal seems somehow spread out among too many tivities and may not be fully successful in all of them. Still, the effort can produce a cessing and archival system potentially useful for further research.

Given the uncertain numbers of images required under this proposal, the appropriateness of the $25K level of funding for imagery cannot be assessed.

No major task was identified for the FY04 2nd quarter.

Any other comments:

Exxon Valdez Oil Spill Trustee Council

441 W. 5th Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178

October 30, 2002

Anne Hoover-Miller
Alaska SeaLife Center
PO Box 1329
Seward, AK 99664

Shannon Atkinson
UAF SFOS IMS
PO Box 730
Seward, AK 99664

RE: Project 030689 / Population Monitoring of Fjord-inhabiting Harbor Seals of the Kenai Peninsula

Dear Anne and Shannon:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council not fund Project 030689. I have enclosed a copy of my preliminary recommendation on this project, along with the Scientific and Technical Advisory Committee's recommendation on the project's technical merits.

The Trustee Council received 44 proposals totaling more than $6 million. The Council has available less than $2 million for the FY 03 Phase II Work Plan, and it will not be possible to fund all projects proposed.

My preliminary recommendations on all proposals for funding in FY 03 have been incorporated into the Draft Work Plan, which is available for public review on the Trustee Council's web page (*www.oilspill.state.ak.us*). If you would like a copy of the Draft Work Plan sent to you, please call or e-mail the Trustee Council Office:

Telephone	278-8012
Toll-free in Alaska	1-800-478-7745
Toll-free outside of Alaska	1-800-283-7745
E-mail	brenda_hall@oilspill.state.ak.us

Following a review of any public comments received, as well as comments from the Trustee Council's Public Advisory Committee, I will make a final recommendation to the Council. Council action on the Work Plan is scheduled for November 25, 2002.

Thank you for your interest in the Trustee Council's Gulf Ecosystem Research and Monitoring (GEM) program. If you have any questions about this preliminary recommendation, please call me or Phil Mundy, the Trustee Council's Science Director.

Sincerely,

Molly McCammon
Executive Director

Enclosure

cc: Bill Hauser, ADF&G Liaison

SPREA HEET B: FY 03 PHASE II WORK PLAN-EXE TIVE DIRECTOR'S PRELIMINARY RECOMM_..JATION

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY 03 Ph II Request	FY 03 Ph II Recom.	FY 04 Request	FY 04 Recom.
G-030689	Population Monitoring of Fjord-inhabiting Harbor Seals of the Kenai Peninsula	A. Hoover-Miller/ASLC S. Atkinson/ASLC	ADFG	New FY 03-04	$257.3	$0.0	$155.0	$0.0

Project Abstract

Harbor seals in the Gulf of Alaska have been declining in abundance since the mid-1970s. This project will use remote cameras to expand existing population monitoring on the Kenai Peninsula to contrast three habitats: (a) Aialik Bay, a tidewater glacial fjord where seals haul out on glacial ice, (b) Day Harbor, a nearby fjord lacking tidewater glaciers where seals haul out on rocks, and (c) Cape Fairfield, a haulout directly exposed to the Gulf of Alaska where seals also haul out on rocks. Existing data suggest the numbers of seals left in Aialik Bay are still declining while those in Day Harbor are increasing. The reasons the two nearby fjords are showing different trends are unknown. The three habitats are located near established long-term oceanographic monitoring stations that will provide opportunities to link habitat specific population parameters of harbor seals with inter- and intra-annual temporal changes measured in the Alaska Coastal Current. [NOTE: Alaska SeaLife Center bench fees may need to be added to this project; Alaska SeaLife Center indirect is already included.]

STAC Recommendation

There are concerns regarding methodology and the relation between the proposed populations to other populations in the GOA. Peer reviewer comments regarding methods for surveying numbers, use of estimates of animal numbers in relation to other biological and oceanographic data, and relation of these populations to others would need to be addressed. Other funding sources might also be appropriate for this research. Do not fund.

Executive Director's Preliminary Recommendation

Do not fund based on STAC recommendation.

Proposal Evaluation Form

Reviewer: 1031

Evaluation due date: **Thursday, September 26**

Proposal number: 030689
Title of proposal: Population Monitoring of Fjord-inhabiting Harbor Seals of the Kenai Peninsula
Principle Investigatgor(s): A. Hoover-Miller/ASLC, S. Atkinson/ASLC

Use the comments section below each question area for discussion of your rating. Use as much space as necessary, and allow the table to expand to additional pages as needed. Do not worry about formatting. E-mail this document as an attachment in Word or WordPerfect format to gem@oilspill.state.ak.us no later than the end of business on **Thursday, September 26**. The subject line of the e-mail to me should read, "030689 review".

	Rating[1]
1. Does the proposal provide an understanding of the problem, is it technically and scientifically sound, and will it contribute to the generation and dissemination of scientific knowledge in the topic area?	2 (1-5)

Comments: Harbor seals have been declining in the GOA since the 1970's and continue to do so in PWS. This proposal seeks funding to develop remote camera systems for monitoring of harbor seals at haulouts at Day Harbor and Cape Fairfield. In addition, money is sought to expand existing remote monitoring capabilities at Aialik Bay.

The authors mention on several occasions in the text that the goal of the research is to link population trends at the afore mentioned haulaouts with environmental/oceanographic conditions and processes collected by other researchers and projects. This type of multidisciplinary research is of exceptional importance. To understand mechanistic links between the physical and the biological is greatly needed in marine research. Unfortunately, this type of linkage is difficult to make and the authors make no mention of how they propose to be accomplish the linkage either logistically or statistically.

2. Are the methods as likely to be effective as any others available in achieving the solution?	2 (1-5)

ents: Using remote camera systems for collecting populational data (numbers of animals haulout attendence) of harbor seals near the ASLC is a viable method.

Secondly, this proposal seeks to investigate the feasibility of using remote cameras identify indiviual animals to test for monvement between haulouts and reciprocal attendence at haulouts. It is not likely that this technology is capable of effectively addressing this issue.

3. Can the solution be achieved with these personnel for the amount of funding requested and within the proposed timeframe? Is it cost effective?	2 (1-5)

[1] A rating of 1 on question means emphatically "no," and a score of 5 means emphatically "yes"; scores of 2-4 mean "maybe." The reviewer is the best judge of the meaning of "Accurate" and "Adequate," but accurate may mean the proposal shows a clear understanding of what kind of information and research are most needed in this field at this time, and adequate may mean that the appropriate scientific literature is used to support the arguments, and/or that the proposal is well written.

Comments: This proposal addresses 2 year's worth of data collection. Within that short of a timeframe, very little information can be gained with respect to population trends. The benefit of this type of project is that it will establish camera sites that can be used well into the future to address long term changes in habor seal populations.

However, I do not believe that this is a cost effective approach given the amount/type of data that can be collected using this technology. All that this technology can provide mainly is numbers of seals (seasonally) using 3 minor haulouts close to Seward. How representative of PWS or GOA harbor seal populations is this? I am not convinced that the haulouts that are proposed to be monitored are significant or representative of the greater PWS/GOA area. Given the large amount of personnel time and expense of installation and maintainence of the remote cameras, it is my opinion that better (and less expensive) data could be collected using 'live-bodies' in the field observing and recording behavior. Aerial suveys could be used to cost effectively monitor populational and haulout use over a much larger area and hence provide data that is more regionally applicable.

Any other comments:

Proposal Evaluation Form

Reviewer: 1698 Evaluation due date: **Thursday, September 26**

Proposal number: 030689
Title of proposal: Population Monitoring of Fjord-inhabiting Harbor Seals of the Kenai Peninsula
Principle Investigatgor(s): A. Hoover-Miller/ASLC, S. Atkinson/ASLC

Use the comments section below each question area for discussion of your rating. Use as much space as necessary, and allow the table to expand to additional pages as needed. Do not worry about formatting. E-mail this document as an attachment in Word or WordPerfect format to gem@oilspill.state.ak.us no later than the end of business on **Thursday, September 26**. The subject line of the e-mail to me should read, "030689 review".

	Rating[1]
1. Does the proposal provide an understanding of the problem, is it technically and scientifically sound, and will it contribute to the generation and dissemination of scientific knowledge in the topic area?	2 (1-5)

Comments:
Proposers provide an adequate background to support need for additional understanding of harbor seals and their role in a variable biotic and abiotic environment. However, they fail to demonstrate that counting seals on three fairly small haulouts during summer months will provide insights into seal population dynamics and their relationship to environmental parameters. Although one justification for selecting their study sites is a loose connection to existing and planned oceanographic monitoring in the area, the proposers failed to develop a linkage with these programs or their environmental datasets.

The proposers make some large and potentially faulty assumptions without adequate discussion or support including : 1) fixed cameras can always see all seals on the sites and that if not in view, seals are gone, 2) both Day Hbr and Cape Fairfield are independent and closed systems (even though both are exposed to effects of ACC), and 3) May-Sept counts adequately reflect population trends and overlap interesting forage fish environmental fluctuations.

The proposers also fail to make a strong case for use of fixed camera systems to collect their data. For instance, it is unclear what data are currently being collected by their Aialik Bay camera system, why it is inadequate, or how an additional camera will improve the system. Also, there are multiple haulout sites within Day Hbr but no detail on the number of cameras needed to adequately cover even one site. How will movement of individuals between sites (hypothesis #4) be determined if they are unsure that camera distance and angle will allow individual identification? How often do images need to be downloaded ?

Based on the level of detail provided, there is no suggestion that this project would contribute significantly to our knowledge of seals, their population dynamics, or environmental/trophic interactions.

2. Are the methods as likely to be effective as any others available in achieving the solution?	2 (1-5)

Comments:

Based on the potential limitations of fixed camera systems noted above, it seems many of the stated objectives could be more cost-effectively met using other technologies. For instance year-round monitoring of individuals via satellite telemetry, multiple aerial surveys with large-format imagery, or seasonal visual monitoring by land-based observers might adequately address all four hypotheses stated.

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3. Can the solution be achieved with these personnel for the amount of funding requested and within the proposed timeframe? Is it cost effective?	2 (1-5)

Comments:

ıout more detail on data to be collected from these cameras, it is unclear how many ɛras are needed to adequately monitor the two new sites or how often they need to be downloaded- and there are no vessel costs mentioned in the budget to get there. There may be more cost-effective means of addressing the stated hypotheses (see above).

Any other comments:

Proposal Evaluation Form

Reviewer: 3745

Evaluation due date: **Thursday, September 26**

Proposal number: 030689
Title of proposal: Population Monitoring of Fjord-inhabiting Harbor Seals of the Kenai Peninsula
Principle Investigatgor(s): A. Hoover-Miller/ASLC, S. Atkinson/ASLC

Use the comments section below each question area for discussion of your rating. Use as much space as necessary, and allow the table to expand to additional pages as needed. Do not worry about formatting. E-mail this document as an attachment in Word or WordPerfect format to gem@oilspill.state.ak.us no later than the end of business on **Thursday, September 26**. The subject line of the e-mail to me should read, "030689 review".

	Rating[1]
1. Does the proposal provide an understanding of the problem, is it technically and scientifically sound, and will it contribute to the generation and dissemination of scientific knowledge in the topic area?	3 (1-5)

Comments: The investigators have designed a program to monitor long term haulout patterns of harbor seals using remote cameras at three coastal sites. These sites were selected due to their proximity to available datasets on environmental parameters, and their diverse population trends. The overall goals of this proposal are therefore to haulout numbers with environmental paramters, which itself is a goal of the EVOS program. However, while these are laudable goals, the trend monitoring is not very exciting scientifically, and it is unclear what new information it will provide about harbor seals. Linking trends with ecological parameters is very worthy of funding, but is only to be addressed in phase three, and the methods by which it will be addressed are absent.

2. Are the methods as likely to be effective as any others available in achieving the solution?	3 (1-5)

Comments: While the proposers clearly have a good understadng of the EVOS program objectives, and have tied their work nicely with other long term efforts in the region, there was little detailed information provided on how the counts were to be coordinated [redacted] the environmental parameters measured. Such linkages are critical to the overall [redacted]s, but are not trivial to accomplish. Since neither PI has attempted such linkages before, and there was little relevant literature cited, I am a bit concerned about how these linkages will be achieved. The absence of such information in the proposal is a large weakness.

Similarly, while remote cameras are the most effective at the monitoring planned, I was left wondering how much of the haulout site would be covered by the cameras, how limited coverage might influence counts (particularly if seals move seasonally within the haulouts) and whether the resolution of the cameras would be sufficient for individual recognition. Without such individual recognition, it will be impossible to differentiate between changes in numbers due to haulout behavior vs differences in number due to movements into or out of the region. Without tagging work, the camera counts can not be translated into total population size, and so are at best an index of numbers over time.

Even if they are only to be used as an index, I am concerned that the project leaders have already made decisions about how the animals use the haulouts seasonally, and are basing their planned analysis over a few months of the year. There is very little good information on seasonal patterns of use in Alaska, and data on how seals use glacial ice habitats is even more scarce. In some regions numbers increase throughout the fall, as seals track local prey abundance. If this is the case in these areas, then curtailing observations to a few weeks in June and late July-August will lead to invalid conclusions about population trends. This concern is greatest in the smaller haulouts (Day Harbor and Cape Fairfield).

[redacted]

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3. Can the solution be achieved with these personnel for the amount of funding requested and within the proposed timeframe? Is it cost effective?	3 (1-5)

Comments: Given that these investigators have been collecting information from cameras on other haulouts (Chiswell for Steller sea lions and at Ailik for harbor seals) I was surprised that there was no discussion about the effectiveness of the techniques, or the methods used to analyze existing datasets. Using cameras for individual recognition is difficult, time consuming, and expensive, and I would have liked to see some reference to projects where it has been successfully used in the past, and more details on the methods that will be used for the individual recognition (objective image matching programs or human pattern matching?). Given the 3600-4000 images that will be collected from each haulout each year, the methods planned for image processing (either for numbers or ID) are critical, and not adequated addressed.

While the budget pages I received were not complete, the overall grant costs are high, and personnel costs a large fraction of the total (45% of direct costs). The high personnel costs are likely due to the time-consuming nature of the planned analyses, this is only supposition, as there was no justification provided for the requested 18 months of personnel time each year.

Overall, while the research fits well with the EVOS goals of ecosystem monitoring, the absence of methodological details, review of similarly collected data, and expected results, force me to conclude that the scientific return for this work is low for the total costs.

Any other comments:

Exxon Valdez Oil Spill Trustee Council

441 W. 5th Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178

October 28, 2002

Scott Pegau, PhD
Oregon State University,
Oceanic & Atmospheric Sciences
104 Ocean Admin Bldg
Corvallis, OR 97331

RE: Project 030685 / Visible Remote Sensing of the Gulf of Alaska

Dear Scott:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council fund Project 030685 contingent on resolution of budget questions. I have enclosed a copy of my preliminary recommendation on this project, along with the Scientific and Technical Advisory Committee's recommendation on the project's technical merits. This recommendation is made for public review and may be revised before it is provided to the Trustee Council in late November.

The Trustee Council Office estimate of the overall budget for Project 030685 is $77,100, including agency general administration of nine percent. You should work from this number in developing your revised budget. The revised budget should be prepared on the standard detailed budget forms and submitted to the Trustee Council Office, Attn: Katharine Miller, by **November 12, 2002.** (Please submit three paper copies and an electronic copy of the budget.) Enclosed is a list of items considered in the review of your budget which may help you prepare a revised budget.

My preliminary recommendations on all proposals for funding in FY 03 have been incorporated into the Draft Work Plan, which will be available for public review on the Trustee Council's web page (*www.oilspill.state.ak.us*) about October 25. If you would like a copy of the Draft Work Plan sent to you, please call or e-mail the Trustee Council Office:

Telephone	278-8012
Toll-free in Alaska	1-800-478-7745
Toll-free outside of Alaska	1-800-283-7745
E-mail	brenda_hall@oilspill.state.ak.us

Following a review of any public comments received, as well as comments from the Trustee Council's Public Advisory Committee, I will make a final recommendation to the Council. Council action on the Work Plan is scheduled for November 25, 2002.

Thank you for your interest in the Trustee Council's Gulf Ecosystem Research and Monitoring (GEM) program. If you have any questions about this preliminary recommendation, please call me or Phil Mundy, the Trustee Council's Science Director.

Sincerely,

Molly McCammon
Executive Director

Enclosure

cc: Bill Hauser, ADF&G Liaison

SPREAI IEET B: FY 03 PHASE II WORK PLAN-EXE(IVE DIRECTOR'S PRELIMINARY RECOMMI ATION

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY 03 Ph II Request	FY 03 Ph II Recom.	FY 04 Request	FY 04 Recom.
G-030685	Visible Remote Sensing of the Gulf of Alaska	S. Pegau/Kachemak Bay RR	ADFG	New FY 03	$77.1	$77.1	$0.0	$0.0

Project Abstract

A number of visible remote sensing satellites have been observing the Gulf of Alaska and its watersheds for the past five years and will continue to make observations into the future. Much of the data is available through NASA; however, the data is not easily accessible, fully quality controlled, or necessarily the variables of interest. This synthesis proposal aims to: (a) determine which products would be useful to resource managers and scientists, (b) develop a system to process and provide the existing and future satellite data in a format useful to most users, and (c) provide quality control. The satellite imagery covers all zones described in the GEM Program Document, but this proposal focuses on the oceanic components. The work is a collaborative effort led by the Kachemak Bay Research Reserve with the University of Alaska Fairbanks providing processing facilities.

STAC Recommendation

The proposal addresses regional needs for oceanographic information which should be useful for GEM planning. The PI is well qualified to conduct this work and the proposal was highly rated by the reviewers. Remote sensing is likely to be an important element of the long-term GEM monitoring strategy. PI should attend the Trustee Council's remote sensing workshop. Fund.

Executive Director's Preliminary Recommendation

Fund contingent on resolution of budget questions. This proposal addresses a major need for making remote sensing information more accessible.

030685

ITEMS CONSIDERED IN REVIEW OF FY 03 PHASE II BUDGETS

1. Completeness of budget, especially:
   a is there a fully detailed budget form for each project year?
   b is there general adherence to the format and content instructions?
   c is Trustee-agency GA rate of 9% of project costs included?

2. Note the following:
   a matching funds, if any (amount and source)
   b requests for anything other than closeout funds in FY 04
   c indirect rate for non-Trustee-agency proposers

3. For continuing projects:
   a level of funding authorized in FY 02 and projection, at that time, of FY 03 budget. Items budgeted for FY 02 but not implemented should not be funded again in FY 03 unless the proposer can verify that he/she will lapse the "unused" FY 02 funds. May want to review/note FY 01 audit results.
   b direction given by Trustee Council and/or Chief Scientist in FY 02 Final Work Plan or in subsequent review sessions (e.g., transition to agency funding, close out certain components).
   c change in project's scope per the Chief Scientist's recommendation (i.e., elimination, revision, or addition of objectives). If a pilot project is seeking expansion, note whether there is adequate information to evaluate the pilot's success.

4. Personal Services: Note if number of months appears excessive, e.g. 12 mos. for a close-out and no justification provided. Also note if salary appears excessive relative to scope of work and salaries typically paid agency or university employees for the type of work.

5. Travel: Must be budgeted at round-trip economy rates, and must identify name of traveler, destination, and trip purpose.

6. Annual Workshop: For PI and co-PI only, travel and per diem for up to 5 days (Jan. 13-17) -- and only if PI/co-PI not located in Anchorage.

7. Other EVOS Reviews/Workshops: Only workshop identified so far for FY 03 is lingering oil (Fall 2002).

8. Professional Conferences: One each per PI (and co-PI if appropriate) if the PI will be presenting results of his/her EVOS work or attendance at the workshop is integral to the project. Proposal must identify the conference, when and where it will be held, and the PI's role in the conference.

9. Manuscript Preparation: Maximum $1,000 in page costs per project and maximum 1.5 months personnel time per manuscript. Proposal must include subject/title of manuscript, name of peer reviewed journal to which will be

submitted, and when it will be submitted. Page costs should be provided only if manuscript will actually appear in print in FY 03. Note number of manuscripts for which funding support is requested.

10. Report Writing: Funding for final reports only (no funds for annual reports, because annual report requirement has been reduced to a 2-page form with no analysis of results).

11. Equipment: Note purchases of major new equipment (at a minimum, note everything with unit cost of $5,000 or more as this is the equipment we are required under TC procedures to track through the annual inventory).

12. Indirect Costs: Maintenance and operation of space (i.e., lease costs), office supplies, copying, phones, equipment maintenance and repair, vehicle leasing, software, and training are typically indirect costs (for complete list see p. 27 of Invitation). Such costs should be budgeted for separately only if they are incurred because of a specific project and documentation of the expense is maintained. The documentation must demonstrate to a financial auditor that the expense was directly attributable to the project, and was necessary and reasonable.

    By agreement, University of Alaska indirect rate is 25% of all direct costs except equipment for which ownership resides with the university and subcontract costs in excess of $25,000 (see p. 36 of Invitation for more detail).

13. Community Involvement and TEK: Note funds budgeted.

14. Project Management: No funds should be budgeted in the individual project budgets. For FY 03, project management funds have already been approved in Project 030250.

15. Other: Note additional, project-specific budget issues that may need to be addressed.

2 budgets were submitted – one from UAF ($70.7) one from Kachemak Bay NERR ($71.1)
which is correct version?
UAF version deletes $5.0 for workshop travel and miscalculates University indirect rate.

Exxon Valdez Oil Spill Trustee Council

441 W. 5th Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178

October 28, 2002

Carl Schoch, PhD
Kachemak Bay Estuarine Research Reserve
2181 Kachemak Dr.
Homer, AK 99603

RE: Project 030556 / High Resolution mapping of the Intertidal and Shallow Subtidal Shores in Kachemak Bay

Dear Carl:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council fund Project 030556 contingent on submittal of a late report (02671) and resolution of budget questions. I have enclosed a copy of my preliminary recommendation on this project, along with the Scientific and Technical Advisory Committee's recommendation on the project's technical merits. This recommendation is made for public review and may be revised before it is provided to the Trustee Council in late November.

If a revised budget is needed, please submit it to the Trustee Council Office, Attn: Katharine Miller, by **November 12, 2002.** (Please submit three paper copies and an electronic copy of the budget.) Enclosed is a list of items considered in the review of your budget which may help you prepare a revised budget.

My preliminary recommendations on all proposals for funding in FY 03 have been incorporated into the Draft Work Plan, which will be available for public review on the Trustee Council's web page (*www.oilspill.state.ak.us*) about October 25. If you would like a copy of the Draft Work Plan sent to you, please call or e-mail the Trustee Council Office:

Telephone	278-8012
Toll-free in Alaska	1-800-478-7745
Toll-free outside of Alaska	1-800-283-7745
E-mail	brenda_hall@oilspill.state.ak.us

Following a review of any public comments received, as well as comments from the Trustee Council's Public Advisory Committee, I will make a final recommendation to the Council. Council action on the Work Plan is scheduled for November 25, 2002.

Thank you for your interest in the Trustee Council's Gulf Ecosystem Research and Monitoring (GEM) program. If you have any questions about this preliminary recommendation, please call me or Phil Mundy, the Trustee Council's Science Director.

Sincerely,

Molly McCammon
Executive Director

Enclosure

cc: Bill Hauser, ADF&G Liaison

SPREA HEET B: FY 03 PHASE II WORK PLAN-EXE TIVE DIRECTOR'S PRELIMINARY RECOMM...JATION

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY 03 Ph II Request	FY 03 Ph II Recom.	FY 04 Request	FY 04 Recom.
G-030556	High Resolution Mapping of the Intertidal and Shallow Subtidal Shores in Kachemak Bay	C. Schoch/Kachemak Bay	ADFG	Cont'd FY 03	$32.3	$32.3	$0.0	$0.0

Project Abstract

This is a continuation of the field mapping project started in FY 02 (Project 02556). Funds in FY 04 will complete the field mapping and begin building a database of the geomorphology and physical attributes of shallow subtidal and intertidal habitats for the greater Kachemak Bay/Lower Cook Inlet area. We regard this as the foundation for developing a monitoring program to detect changes in nearshore communities resulting from shifts in watershed and marine processes. Other map tools, such as the NOAA Environmental Sensitivity Index (ESI) and the Shore-zone Classification, were developed for oil spill response planning and do not contain the data necessary for resolving small spatial scale features of the shoreline needed in ecological studies where biophysical linkages often occur at scales of less than one meter.

STAC Recommendation

This proposal would complete mapping started in FY02. The need for this project was identified in the recommendations from the GEM April 2002 nearshore mapping workshop. Recommend funding to complete the project. Fund.

Executive Director's Preliminary Recommendation

Fund for $32.3 ($29.6 in direct costs and $2.7 in general administration), contingent on submittal of late reports (02671). This proposal would complete mapping started in FY02, create a GIS database, and include the final report. Project PIs should participate in additional mapping workshop to be held in Spring '03.

030556

ITEMS CONSIDERED IN REVIEW OF FY 03 PHASE II BUDGETS

1. Completeness of budget, especially:
   - a is there a fully detailed budget form for each project year?
   - b is there general adherence to the format and content instructions?
   - c is Trustee-agency GA rate of 9% of project costs included?

2. Note the following:
   - a matching funds, if any (amount and source)
   - b requests for anything other than closeout funds in FY 04
   - c indirect rate for non-Trustee-agency proposers

3. For continuing projects:
   - a level of funding authorized in FY 02 and projection, at that time, of FY 03 budget. Items budgeted for FY 02 but not implemented should not be funded again in FY 03 unless the proposer can verify that he/she will lapse the "unused" FY 02 funds. May want to review/note FY 01 audit results.
   - b direction given by Trustee Council and/or Chief Scientist in FY 02 Final Work Plan or in subsequent review sessions (e.g., transition to agency funding, close out certain components).
   - c change in project's scope per the Chief Scientist's recommendation (i.e., elimination, revision, or addition of objectives). If a pilot project is seeking expansion, note whether there is adequate information to evaluate the pilot's success.

4. Personal Services: Note if number of months appears excessive, e.g. 12 mos. for a close-out and no justification provided. Also note if salary appears excessive relative to scope of work and salaries typically paid agency or university employees for the type of work. Question inclusion of 1 no. admin staff- don't typically pay- included in indirect costs.

5. Travel: Must be budgeted at round-trip economy rates, and must identify name of traveler, destination, and trip purpose.

6. Annual Workshop: For PI and co-PI only, travel and per diem for up to 5 days (Jan. 13-17) -- and only if PI/co-PI not located in Anchorage.

7. Other EVOS Reviews/Workshops: Only workshop identified so far for FY 03 is lingering oil (Fall 2002).

8. Professional Conferences: One each per PI (and co-PI if appropriate) if the PI will be presenting results of his/her EVOS work or attendance at the workshop is integral to the project. Proposal must identify the conference, when and where it will be held, and the PI's role in the conference.

9. Manuscript Preparation: Maximum $1,000 in page costs per project and maximum 1.5 months personnel time per manuscript. Proposal must include subject/title of manuscript, name of peer reviewed journal to which will be

submitted, and when it will be submitted. Page costs should be provided only if manuscript will actually appear in print in FY 03. Note number of manuscripts for which funding support is requested.

10. Report Writing: Funding for final reports only (no funds for annual reports, because annual report requirement has been reduced to a 2-page form with no analysis of results).

11. Equipment: Note purchases of major new equipment (at a minimum, note everything with unit cost of $5,000 or more as this is the equipment we are required under TC procedures to track through the annual inventory).

12. Indirect Costs: Maintenance and operation of space (i.e., lease costs), office supplies, copying, phones, equipment maintenance and repair, vehicle leasing, software, and training are typically indirect costs (for complete list see p. 27 of Invitation). Such costs should be budgeted for separately only if they are incurred because of a specific project and documentation of the expense is maintained. The documentation must demonstrate to a financial auditor that the expense was directly attributable to the project, and was necessary and reasonable.

    By agreement, University of Alaska indirect rate is 25% of all direct costs except equipment for which ownership resides with the university and subcontract costs in excess of $25,000 (see p. 36 of Invitation for more detail).

13. Community Involvement and TEK: Note funds budgeted.

14. Project Management: No funds should be budgeted in the individual project budgets. For FY 03, project management funds have already been approved in Project 030250.

15. Other: Note additional, project-specific budget issues that may need to be addressed.

Exxon Valdez Oil Spill Trustee Council

441 W. 5th Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178

October 28, 2002

Nora R. Foster
NRF Taxonomic Services
2998 Gold Hill Road
Fairbanks, AK 99709

RE: Project 030642 / Database on the Marine Invertebrate Macrofauna of Prince Williams Sound: An Addition to the University of Alaska Museum's ARCTOS Network

Dear Nora:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council fund Project 030642 contingent on submittal of a late report (02608). I have enclosed a copy of my preliminary recommendation on this project, along with the Scientific and Technical Advisory Committee's recommendation on the project's technical merits. This recommendation is made for public review and may be revised before it is provided to the Trustee Council in late November.

My preliminary recommendations on all proposals for funding in FY 03 have been incorporated into the Draft Work Plan, which will be available for public review on the Trustee Council's web page (*www.oilspill.state.ak.us*) about October 25. If you would like a copy of the Draft Work Plan sent to you, please call or e-mail the Trustee Council Office:

Telephone	278-8012
Toll-free in Alaska	1-800-478-7745
Toll-free outside of Alaska	1-800-283-7745
E-mail	brenda_hall@oilspill.state.ak.us

Following a review of any public comments received, as well as comments from the Trustee Council's Public Advisory Committee, I will make a final recommendation to the Council. Council action on the Work Plan is scheduled for November 25, 2002.

Thank you for your interest in the Trustee Council's Gulf Ecosystem Research and Monitoring (GEM) program. If you have any questions about this preliminary recommendation, please call me or Phil Mundy, the Trustee Council's Science Director.

Sincerely,

Molly McCammon
Executive Director

Enclosure

cc: Bill Hauser, ADF&G Liaison

SPREA IEET B: FY 03 PHASE II WORK PLAN-EXE(IVE DIRECTOR'S PRELIMINARY RECOMMI ATION

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY 03 Ph II Request	FY 03 Ph II Recom.	FY 04 Request	FY 04 Recom.
G-030642	Database on the Marine Invertebrate Macrofauna of Prince William Sound: An Addition to the University of Alaska Museum's ARCTOS Network	N. Foster/UAF Museum	ADFG	New FY 03	$19.2	$19.2	$0.0	$0.0

Project Abstract	STAC Recommendation	Executive Director's Preliminary Recommendation
Data sets that present basic taxonomic and biogeographic information at the species level for 1,876 plant and animal species from Prince William Sound were compiled as part of research on potential introductions of nonindigenous species. This project will edit the data on the 1,343 invertebrate species, and make the literature and specimen records of their occurrences available on the University of Alaska Museum's ARCTOS web-accessible database.	This proposal would make an important EVOS dataset more readily available to the public and researchers. Fund.	Fund based on STAC recommendation contingent on submittal of late report (02608).

Exxon Valdez Oil Spill Trustee Council

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October 28, 2002

Stanley Rice, PhD
NOAA NMFS Auke Bay Lab
11305 Glacier Hwy
Juneau, AK 99801

Jeffrey W. Short
NMFS/Auke Bay Laboratory
11305 Glacier Hwy
Juneau, AK 99801-8626

Jim Bodkin
USGS-BRD
1011 E Tudor Road
Anchorage, AK 99503-6119

Brenda Ballachey
ABSC USGS BRD
1011 E Tudor Road
Anchorage, AK 99503

RE: Project 030620 / Lingering Oil and Predators: Pathways of Exposure and Population Status

Dear Jeep, Jeff, Jim, and Brenda:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council fund Project 030320 contingent on review and approval of a revised detailed project description and for the NOAA component, submittal of principal investigator reports (00195, 00454, 01195, 01599) and manuscript (00598). I have enclosed a copy of my preliminary recommendation on this project, along with the Scientific and Technical Advisory Committee's recommendation on the project's technical merits. This recommendation is made for public review and may be revised before it is provided to the Trustee Council in late November.

The Trustee Council Office estimate of the additional funds for Project 030620 is $167,600 for NOAA and $75,900 for USGS, including agency general administration of nine percent. The revised proposal should be submitted to the Trustee Council Office,

Attn: Katharine Miller, by **November 12, 2002.** (Please submit three paper copies and an electronic copy of the proposal.)

My preliminary recommendations on all proposals for funding in FY 03 have been incorporated into the Draft Work Plan, which will be available for public review on the Trustee Council's web page (*www.oilspill.state.ak.us*) about October 25. If you would like a copy of the Draft Work Plan sent to you, please call or e-mail the Trustee Council Office:

Telephone	278-8012
Toll-free in Alaska	1-800-478-7745
Toll-free outside of Alaska	1-800-283-7745
E-mail	brenda_hall@oilspill.state.ak.us

Following a review of any public comments received, as well as comments from the Trustee Council's Public Advisory Committee, I will make a final recommendation to the Council. Council action on the Work Plan is scheduled for November 25, 2002.

Thank you for your interest in the Trustee Council's Gulf Ecosystem Research and Monitoring (GEM) program. If you have any questions about this preliminary recommendation, please call me or Phil Mundy, the Trustee Council's Science Director.

Sincerely,

Molly McCammon
Executive Director

Enclosure

cc: Pete Hagen, NOAA Liaison
Dede Bohn, USGS Liaison

SPREA IEET B: FY 03 PHASE II WORK PLAN-EXE 'IVE DIRECTOR'S PRELIMINARY RECOMM ATION

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY 03 Ph II Request	FY 03 Ph II Recom.	FY 04 Request	FY 04 Recom.
030620	Lingering Oil and Predators: Pathways of Exposure and Population Status	S. Rice, J. Short/NOAA J. Bodkin, B. Ballachey/USGS	NOAA & DOI	New	$243.5	$243.5	$30.0	$30.0

Project Abstract

Lingering oil and continued effects to sea otters and sea ducks are the most surprising and best documented long term impacts of the oil spill. Strong evidence is accumulating which implicates lingering oil as a factor constraining recovery of the nearshore ecosystem in western Prince William Sound. Acute and chronic contamination of sediments and prey species were well documented during the years following the spill. Twelve years later, elevated biomarker levels in sea otters and sea ducks have indicated continued exposures to hydrocarbons. Evidence implicating a route of exposure to date has been largely circumstantial. However, in 2001 and 2002, extensive sampling was undertaken to document the distribution, abundance, and bioavailability of lingering oil along those shorelines most heavily impacted by the spill. This has paved the way for identifying specific areas where sea otters and sea ducks could be currently foraging and exposed to lingering oil. This project is an outgrowth of the earlier studies and will focus on the direct pathways of lingering oil to sea otter and sea duck populations in two heavily impacted bays in the western sound.

STAC Recommendation

This proposal was reviewed by the Lingering Oil Subcomittee and not the full STAC. This is an important project for understanding the lingering effects of the oil spill in some of the most heavily oiled localities from 1989. It addresses the potential effects of remaining intertidal oil deposits (mainly subsurface) on the food web, including sea ducks (harlequins) and sea otters, which have not recovered from the effects of the spill and are apparently still exposed to lingering oil. Peer reviewers expressed concerns about the proposal's original experimental design, and a review during a workshop in early October led to some recommended changes. The proposal will be revised to focus on the radio-tagged sea otters and harlequin ducks by tracking their positions relative to the remaining oil in a couple of areas around Knight Island. This will be accomplished by both aerial flights and observers positioned onshore. Samples of sea otters should be taken both before and after next season with regard to markers of exposure. Fund following final review of revised proposal.

Executive Director's Preliminary Recommendation

Fund contingent on review and approval of revised detailed project description. National Oceanic and Atmospheric Administration component of $167.6 is also contingent on submittal of principal investigators' overdue reports (00195, 00454, 01195, 01599) and manuscript (00598) from prior years. Additional funds ($75.9) for U.S. Geological Survey component are for extra work included in revised proposal and in addition to the $192,300 approved in Phase I. Total in complete recommendation includes both NOAA and USGS.

Exxon Valdez Oil Spill Trustee Council

441 W. 5th Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178

October 28, 2002

Jim Bodkin
USGS-BRD
1011 E Tudor Road
Anchorage, AK 99503-6119

Thomas Dean, PhD
Coastal Resources Assoc
1185 Park Center Dr, Ste A
Vista, CA 92083-8304

RE: Project 030687 / Monitoring in the Neashore: A Process for Making Reasoned Decisions

Dear Jim and Tom:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council fund Project 030687 contingent on resolution of budget questions. I have enclosed a copy of my preliminary recommendation on this project, along with the Scientific and Technical Advisory Committee's recommendation on the project's technical merits. This recommendation is made for public review and may be revised before it is provided to the Trustee Council in late November.

The Trustee Council Office estimate of the overall budget for Project 030687 is $90,000, including agency general administration of nine percent. You should work from this number in developing your revised budget if needed. The revised budget should be prepared on the standard detailed budget forms and submitted to the Trustee Council Office, Attn: Katharine Miller, by **November 12, 2002.** (Please submit three paper copies and an electronic copy.) Enclosed is a list of items considered in the review of your budget which may help you prepare a revised budget.

My preliminary recommendations on all proposals for funding in FY 03 have been incorporated into the Draft Work Plan, which will be available for public review on the Trustee Council's web page (*www.oilspill.state.ak.us*) about October 25. If you would like a copy of the Draft Work Plan sent to you, please call or e-mail the Trustee Council Office:

Telephone	278-8012
Toll-free in Alaska	1-800-478-7745
Toll-free outside of Alaska	1-800-283-7745
E-mail	brenda_hall@oilspill.state.ak.us

Following a review of any public comments received, as well as comments from the Trustee Council's Public Advisory Committee, I will make a final recommendation to the Council. Council action on the Work Plan is scheduled for November 25, 2002.

Thank you for your interest in the Trustee Council's Gulf Ecosystem Research and Monitoring (GEM) program. If you have any questions about this preliminary recommendation, please call me or Phil Mundy, the Trustee Council's Science Director.

Sincerely,

Molly McCammon
Executive Director

Enclosure

cc: Dede Bohn, USGS Liaison

SPREADSHEET B: FY 03 PHASE II WORK PLAN-EXECUTIVE DIRECTOR'S PRELIMINARY RECOMMENDATION

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY 03 Ph II Request	FY 03 Ph II Recom.	FY 04 Request	FY 04 Recom.
G-030687	Monitoring in the Nearshore: A Process for Making Reasoned Decisions	J. Bodkin/DOI-USGS T. Dean/CRA, Inc.	DOI	New FY 03	$90.0	$90.0	$0.0	$0.0

Project Abstract

Over the past several years, a conceptual framework for the GEM nearshore monitoring program has been developed through a series of workshops. However, details of the proposed monitoring program, e.g. what to sample, where to sample, when to sample and at how many sites, have yet to be determined. This project outlines a process whereby specific alternatives to monitoring are developed and presented to the Trustee Council for consideration. As part of this process, two key elements are required before reasoned decisions can be made: (a) a comprehensive historical perspective of locations and types of past studies conducted in the nearshore marine communities within the Gulf of Alaska, and (b) estimates of costs for each element of a proposed monitoring program. The project will develop a GIS database that details available information from past studies of selected nearshore habitats and species in the Gulf of Alaska and provide a visual means of selecting sites based (in part) on the locations for which historical data of interest are available. In addition, the project will identify what other data, if any, are required to select specific sampling locations. It will also provide cost estimates for specific monitoring plan alternatives and outline several alternative plans.

STAC Recommendation

This proposal addresses the invitation's request for synthesis. Developing work in the nearshore habitat type requires access to the historical perspectives to be provided by the proposal. Site selection and key variables can be guided by extensive experience from the EVOS Restoration program. The formatting of past information in the GIS product would be especially beneficial to GEM program planning. Coordination with 030666 is recommended. Fund.

Executive Director's Preliminary Recommendation

Fund contingent on resolution of budget questions. This proposal builds on the two nearshore monitoring workshops held in FY02 and takes the next step of identifying monitoring alternatives.

030687

ITEMS CONSIDERED IN REVIEW OF FY 03 PHASE II BUDGETS

1. Completeness of budget, especially:
   - a is there a fully detailed budget form for each project year?
   - b is there general adherence to the format and content instructions?
   - c is Trustee-agency GA rate of 9% of project costs included?

2. Note the following:
   - a matching funds, if any (amount and source)
   - b requests for anything other than closeout funds in FY 04
   - c indirect rate for non-Trustee-agency proposers

3. For continuing projects:
   - a level of funding authorized in FY 02 and projection, at that time, of FY 03 budget. Items budgeted for FY 02 but not implemented should not be funded again in FY 03 unless the proposer can verify that he/she will lapse the "unused" FY 02 funds. May want to review/note FY 01 audit results.
   - b direction given by Trustee Council and/or Chief Scientist in FY 02 Final Work Plan or in subsequent review sessions (e.g., transition to agency funding, close out certain components).
   - c change in project's scope per the Chief Scientist's recommendation (i.e., elimination, revision, or addition of objectives). If a pilot project is seeking expansion, note whether there is adequate information to evaluate the pilot's success.

4. Personal Services: Note if number of months appears excessive, e.g. 12 mos. for a close-out and no justification provided. Also note if salary appears excessive relative to scope of work and salaries typically paid agency or university employees for the type of work.

5. Travel: Must be budgeted at round-trip economy rates, and must identify name of traveler, destination, and trip purpose.

6. Annual Workshop: For PI and co-PI only, travel and per diem for up to 5 days (Jan. 13-17) -- and only if PI/co-PI not located in Anchorage.

7. Other EVOS Reviews/Workshops: Only workshop identified so far for FY 03 is lingering oil (Fall 2002).

8. Professional Conferences: One each per PI (and co-PI if appropriate) if the PI will be presenting results of his/her EVOS work or attendance at the workshop is integral to the project. Proposal must identify the conference, when and where it will be held, and the PI's role in the conference.

9. Manuscript Preparation: Maximum $1,000 in page costs per project and maximum 1.5 months personnel time per manuscript. Proposal must include subject/title of manuscript, name of peer reviewed journal to which will be

submitted, and when it will be submitted. Page costs should be provided only if manuscript will actually appear in print in FY 03. Note number of manuscripts for which funding support is requested.

10. Report Writing: Funding for final reports only (no funds for annual reports, because annual report requirement has been reduced to a 2-page form with no analysis of results). Since funding is for 1 year only - are final report costs included in FY03 budget? Should there be on FY04 budget?

11. Equipment: Note purchases of major new equipment (at a minimum, note everything with unit cost of $5,000 or more as this is the equipment we are required under TC procedures to track through the annual inventory).

12. Indirect Costs: Maintenance and operation of space (i.e., lease costs), office supplies, copying, phones, equipment maintenance and repair, vehicle leasing, software, and training are typically indirect costs (for complete list see p. 27 of Invitation). Such costs should be budgeted for separately only if they are incurred because of a specific project and documentation of the expense is maintained. The documentation must demonstrate to a financial auditor that the expense was directly attributable to the project, and was necessary and reasonable.

    By agreement, University of Alaska indirect rate is 25% of all direct costs except equipment for which ownership resides with the university and subcontract costs in excess of $25,000 (see p. 36 of Invitation for more detail).

13. Community Involvement and TEK: Note funds budgeted.

14. Project Management: No funds should be budgeted in the individual project budgets. For FY 03, project management funds have already been approved in Project 030250.

15. Other: Note additional, project-specific budget issues that may need to be addressed.

Exxon Valdez Oil Spill Trustee Council

441 W. 5th Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178

October 28, 2002

Gary D. Marty, PhD
Univ of CA,
Vet Med, Anatomy Phys Cell Bio
1 Shields Ave
Davis, CA 95616-8732

RE: Project 030462 / Effect of Disease on Pacific Herring Population Recovery in Prince William Sound

Dear Gary:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council continue to defer a decision on funding Project 030462. I have enclosed a copy of my preliminary recommendation on this project. This recommendation is made for public review and may be revised before it is provided to the Trustee Council in late November.

My preliminary recommendations on all proposals for funding in FY 03 have been incorporated into the Draft Work Plan, which will be available for public review on the Trustee Council's web page (*www.oilspill.state.ak.us*) about October 25. If you would like a copy of the Draft Work Plan sent to you, please call or e-mail the Trustee Council Office:

Telephone	278-8012
Toll-free in Alaska	1-800-478-7745
Toll-free outside of Alaska	1-800-283-7745
E-mail	brenda_hall@oilspill.state.ak.us

Following a review of any public comments received, including comments from the Trustee Council's Public Advisory Committee, I will make a final recommendation to the Council. Council action on all but deferred projects is scheduled for November 25, 2002. Council action on deferred projects is expected in December 2002 or January 2003.

Thank you for your interest in the Trustee Council's Gulf Ecosystem Research and Monitoring (GEM) program. If you have any questions about this preliminary

recommendation or the project review process, please call me or Phil Mundy, the Council's Science Director.

Sincerely,

Molly McCammon
Executive Director

Enclosure

cc: Bill Hauser, ADF&G Liaison

SPREA IEET B: FY 03 PHASE II WORK PLAN-EXE IVE DIRECTOR'S PRELIMINARY RECOMM ATION

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY 03 Ph II Request	FY 03 Ph II Recom.	FY 04 Request	FY 04 Recom.
030462	Effect of Disease on Pacific Herring Population Recovery in Prince William Sound	G. Marty/Univ. of California, Davis	ADFG	Cont'd	$87.0		$0.0	$0.0

Project Abstract

In spring 2001, prevalence of *Ichthyophonus hoferi* (38 percent) in the Pacific herring population of Prince William Sound was more than 50 percent greater than in any year studied (1989-2000). *I. hoferi* causes severe, disseminated, chronic disease in Pacific herring that is best diagnosed using histopathology. Before 2001, *I. hoferi* was not associated with unexpected declines in population biomass, but during the last century increases in *I. hoferi* prevalence in Atlantic herring have been associated with several disease outbreaks. To understand the significance of the 2001 *I. hoferi* outbreak, this project will analyze samples already collected in fall 2001 and spring 2002 as part of Project 02462.

STAC Recommendation

Not reviewed by STAC. Earlier review indicated that organ-by-organ pathological study as proposed is lower priority.

Executive Director's Preliminary Recommendation

Defer decision on funding this project, pending contribution of funds from non-EVOS sources to carry out the project as proposed. This project, which has made an important contribution to management of the herring fishery, will complete its work on viral hemorrhagic septicemia in FY 02 (Project 02462). The proposer has requested funds to conduct new work on *Icthyophonus hoferi* in FY 03. The reviewers consider the organ-by-organ pathobiological study proposed to be of lower priority at this stage of the restoration program, but a modest contribution of $25,000 to the project may be worthwhile. Deferring the project until November will provide the proposer an opportunity to secure funds from other sources. The project objective is to determine whether disease continues to limit recovery of the Prince William Sound herring population.

Exxon Valdez Oil Spill Trustee Council

441 W. 5th Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178

October 28, 2002

Mark Willette
ADF&G/CFMD
43961 Kalifornsky Beach Rd., Suite B
Soldotna, AK 99669-8367

W. Scott Pegau, PhD
Oregon State University,
Oceanic & Atmospheric Sciences
104 Ocean Admin Bldg
Corvallis OR 97331

RE: Project 030670 / Monitoring Dynamics of the Alaska Current and Development of Applications for Management of Cook Inlet Salmon

Dear Mark and Scott:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council defer a decision on funding Project 030670 until a revised proposal and budget have been submitted that address peer review concerns and budget questions. I have enclosed a copy of my preliminary recommendation on this project, along with a summary of the Scientific and Technical Advisory Committee's recommendation on the project's technical merits. This recommendation is made for public review and may be revised before it is provided to the Trustee Council in late November.

My preliminary recommendations on all proposals for funding in FY 03 have been incorporated into the Draft Work Plan, which will be available for public review on the Trustee Council's web page (*www.oilspill.state.ak.us*) about October 25. If you would like a copy of the Draft Work Plan sent to you, please call or e-mail the Trustee Council Office:

Telephone	278-8012
Toll-free in Alaska	1-800-478-7745
Toll-free outside of Alaska	1-800-283-7745
E-mail	brenda_hall@oilspill.state.ak.us

Following a review of any public comments received, including comments from the Trustee Council's Public Advisory Committee, I will make a final recommendation to the Council. Council action on all but deferred projects is scheduled for November 25, 2002. Council action on deferred projects is expected in December 2002 or January 2003. A revised proposal should be submitted to the Trustee Council by December 1, 2002.

Thank you for your interest in the Trustee Council's Gulf Ecosystem Research and Monitoring (GEM) program. If you have any questions about this preliminary recommendation or the project review process, please call me or Phil Mundy, the Council's Science Director.

Sincerely,

Molly McCammon
Executive Director

Enclosure

cc: Bill Hauser, ADF&G Liaison

SPREADSHEET B: FY 03 PHASE II WORK PLAN-EXECUTIVE DIRECTOR'S PRELIMINARY RECOMMENDATION

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY 03 Ph II Request	FY 03 Ph II Recom.	FY 04 Request	FY 04 Recom.
G-030670	Monitoring Dynamics of the Alaska Coastal Current and Development of Applications for Management of Cook Inlet Salmon	M. Willette/ADF&G S. Pegau/Kachemak Bay RR	ADFG	New FY 03-04	$68.3		$15.5	

Project Abstract

This project will collect physical oceanographic and fisheries data along a transect across lower Cook Inlet from Anchor Point to the Red River delta each day during July. The data will be made available to other researchers studying how the physical dynamics of the Alaska Coastal Current affect the productivity of biological resources in the region. Logistical support for the field sampling will be provided in part by an existing test-fishing vessel chartered annually by the Alaska Department of Fish and Game to provide inseason projections of the size of salmon runs returning to the inlet. The project will also use the physical oceanographic data to improve management of Cook Inlet salmon through improved inseason salmon run projections. Several hypotheses regarding effects of changing oceanographic conditions on salmon migratory behavior will be tested.

STAC Recommendation

Although this proposal makes a strong case for its management implications, it does not make clear how it will contribute to the long-term GEM research and monitoring program in other areas. The single year of data collection proposed will not be sufficient to develop an understanding of variability in the Alaska Coastal Current as it relates to the study area. There is also some question of whether GEM is being asked to fund activities that are currently being carried out by ADF&G, as opposed to being asked to enhance those activities. Proposal needs to be revised in response to STAC concerns and peer reviewer comments. Defer.

Executive Director's Preliminary Recommendation

Defer pending submittal and review of revised proposal that addresses STAC concerns and budget questions.

ITEMS CONSIDERED IN REVIEW OF FY 03 PHASE II BUDGETS

1. Completeness of budget, especially:
   - a is there a fully detailed budget form for each project year?
   - b is there general adherence to the format and content instructions?
   - c is Trustee-agency GA rate of 9% of project costs included?

2. Note the following:
   - (a) matching funds, if any (amount and source) 80k identified - but no source
   - b requests for anything other than closeout funds in FY 04
   - c indirect rate for non-Trustee-agency proposers

3. For continuing projects:
   - a level of funding authorized in FY 02 and projection, at that time, of FY 03 budget. Items budgeted for FY 02 but not implemented should not be funded again in FY 03 unless the proposer can verify that he/she will lapse the "unused" FY 02 funds. May want to review/note FY 01 audit results.
   - b direction given by Trustee Council and/or Chief Scientist in FY 02 Final Work Plan or in subsequent review sessions (e.g., transition to agency funding, close out certain components).
   - c change in project's scope per the Chief Scientist's recommendation (i.e., elimination, revision, or addition of objectives). If a pilot project is seeking expansion, note whether there is adequate information to evaluate the pilot's success.

4. Personal Services: Note if number of months appears excessive, e.g. 12 mos. for a close-out and no justification provided. Also note if salary appears excessive relative to scope of work and salaries typically paid agency or university employees for the type of work.

5. Travel: Must be budgeted at round-trip economy rates, and must identify name of traveler, destination, and trip purpose.

6. Annual Workshop: For PI and co-PI only, travel and per diem for up to 5 days (Jan. 13-17) -- and only if PI/co-PI not located in Anchorage.

7. Other EVOS Reviews/Workshops: Only workshop identified so far for FY 03 is lingering oil (Fall 2002).

8. Professional Conferences: One each per PI (and co-PI if appropriate) if the PI will be presenting results of his/her EVOS work or attendance at the workshop is integral to the project. Proposal must identify the conference, when and where it will be held, and the PI's role in the conference.

9. Manuscript Preparation: Maximum $1,000 in page costs per project and maximum 1.5 months personnel time per manuscript. Proposal must include subject/title of manuscript, name of peer reviewed journal to which will be

submitted, and when it will be submitted. Page costs should be provided only if manuscript will actually appear in print in FY 03. Note number of manuscripts for which funding support is requested.

10. Report Writing: Funding for final reports only (no funds for annual reports, because annual report requirement has been reduced to a 2-page form with no analysis of results).

11. Equipment: Note purchases of major new equipment (at a minimum, note everything with unit cost of $5,000 or more as this is the equipment we are required under TC procedures to track through the annual inventory).

12. Indirect Costs: Maintenance and operation of space (i.e., lease costs), office supplies, copying, phones, equipment maintenance and repair, vehicle leasing, software, and training are typically indirect costs (for complete list see p. 27 of Invitation). Such costs should be budgeted for separately only if they are incurred because of a specific project and documentation of the expense is maintained. The documentation must demonstrate to a financial auditor that the expense was directly attributable to the project, and was necessary and reasonable.

    By agreement, University of Alaska indirect rate is 25% of all direct costs except equipment for which ownership resides with the university and subcontract costs in excess of $25,000 (see p. 36 of Invitation for more detail).

13. Community Involvement and TEK: Note funds budgeted.

14. Project Management: No funds should be budgeted in the individual project budgets. For FY 03, project management funds have already been approved in Project 030250.

15. Other: Note additional, project-specific budget issues that may need to be addressed.

Contractual - if ADFG conducted this test fishery since 1974, why should TC pay half of cost now?

Proposal Evaluation Form

Reviewer: 4032 Evaluation due date: **Thursday, September 26**

Proposal number: 030670
Title of proposal: Monitoring Dynamics of the Alaska Coastal Current and Development of Applications for Management
ɔok Inlet Salmon
ple Investigatgor(s): M. Willette/ADFG, S. Pegau/Kachemak Bay RR

Use the comments section below each question area for discussion of your rating. Use as much space as necessary, and allow the table to expand to additional pages as needed. Do not worry about formatting. E-mail this document as an attachment in Word or WordPerfect format to gem@oilspill.state.ak.us no later than the end of business on **Thursday, September 26**. The subject line of the e-mail to me should read, "030670 review".

	Rating[1]
1. Does the proposal provide an understanding of the problem, is it technically and scientifically sound, and will it contribute to the generation and dissemination of scientific knowledge in the topic area?	5 (1-5)
Comments: The results of this project could have far reaching impacts on fishing and fisheries management. The relation between sockeye salmon run timing, salinity, currents and temperature is poorly understood.	
2. Are the methods as likely to be effective as any others available in achieving the solution?	5 (1-5)
Comments: The only alternate solution entails more test fish boats with similar equipment fishing individual stations at various times during each day.	
3. Can the solution be achieved with these personnel for the amount of funding requested and within the proposed timeframe? Is it cost effective?	5 (1-5)
Comments: In section IV Schedule, four objectives are noted: "To be met by July 2003." Field activities will be conducted during July. I presume that the authors meant August 1, 2003.	
Any other comments: I presume that in the description of the gill net the size of the mesh "2.1 cm" is a typographic error. I find it curious that fish size in relation to mesh size was not mentioned as a factor in catchability. Perhaps the authors included fish size as a biotic factor in: "Variations in catchability are likely due to biotic and physical factors that affect the vertical and horizontal distribution..." Did the authors really mean to say that variations in catchability are likely due to biotic factors, e.g. fish size, as well as vertical and horizontal distribution?	

[1] A rating of 1 on question means emphatically "no," and a score of 5 means emphatically "yes"; scores of 2-4 mean "maybe." The reviewer is the best judge of the meaning of "Accurate" and "Adequate," but accurate may mean the proposal shows a clear understanding of what kind of information and research are most needed in this field at this time, and adequate may mean that the appropriate scientific literature is used to support the arguments, and/or that the proposal is well written.

Proposal Evaluation Form

Reviewer: 180 Evaluation due date: **Thursday, September 26**

Proposal number: 030670
Title of proposal: Monitoring Dynamics of the Alaska Coastal Current and Development of Applications for Management
ook Inlet Salmon
ple Investigatgor(s): M. Willette/ADFG, S. Pegau/Kachemak Bay RR

Use the comments section below each question area for discussion of your rating. Use as much space as necessary, and allow the table to expand to additional pages as needed. Do not worry about formatting. E-mail this document as an attachment in Word or WordPerfect format to gem@oilspill.state.ak.us no later than the end of business on **Thursday, September 26**. The subject line of the e-mail to me should read, "030670 review".

	Rating[1]
1. Does the proposal provide an understanding of the problem, is it technically and scientifically sound, and will it contribute to the generation and dissemination of scientific knowledge in the topic area?	3 (1-5)
Comments: The "problem" is expressed as a biological issue when it is more of a socioeconomic one. Over or under harvesting sockeye salmon is a perceptual problem. There is an implication that a "magic number" of spawnwers are needed to obtain the perfect yield. The optimum is most likely an extremely large range. Management precision is most necessary to meet the allocation goals of the associated fisheries. I think this project makes more sense if sold using that context. The experimental design of the project is a bit weak. The proposers took an existing activity (test fishing) and tried to figure out what data they could collect while doing the survey. The hypotheses are good, but I don't know if the data is adequate to make tests. The amount of data may be sufficient to establish a "link" between the hypotheses and the data. The quality of the data may or may not be adequate for a test. I think the proposed activities could produce some useful data links that could be used in future studies to research the hypotheses.	
2. Are the methods as likely to be effective as thers available in achieving the solution?	3 (1-5)
Comments: The methods are OK but the methodology could be better. In order to get an insight into salinity gradients and how they work in Cook Inlet Many more data points will be needed. A continuous time series of data at one location for a complete tide cycle might be invaluable. This project will only collect random measurements at fixed points. As I already stated, the data may provide some links but it won't be adequate for hypothesis testing.	
3. Can the solution be achieved with these personnel for the amount of funding requested and within the proposed timeframe? Is it cost effective?	4 (1-5)
Comments: I think personnel and budgeting are adequate for the work and timeframe proposed. I also think the amount of money budgeted is reasonable for the work being performed.	
Any other comments: I think this is probably an "OK" project. I wasn't sold by the packaging, but the content had scientific merit. I think the proposers may be stretching to actually test all the hypotheses in the proposal. In my opinion, many more data points would be needed before hypotheses testing could occur. It appears to me that this is a "reconnaissance" project which could lead to some very good science further down the r	

[1] A rating of 1 on question means emphatically "no," and a score of 5 means emphatically "yes"; scores of 2-4 mean "maybe." The reviewer is the best judge of the meaning of "Accurate" and "Adequate," but accurate may mean the proposal shows a clear understanding of what kind of information and research are most needed in this field at this time, and adequate may mean that the appropriate scientific literature is used to support the arguments, and/or that the proposal is well written.

Proposal Evaluation Form

Reviewer: 820

Evaluation due date: **Thursday, September 26**

Proposal number: 030670
Title of proposal: Monitoring Dynamics of the Alaska Coastal Current and Development of Applications for Management ook Inlet Salmon
ple Investigatgor(s): M. Willette/ADFG, S. Pegau/Kachemak Bay RR

Use the comments section below each question area for discussion of your rating. Use as much space as necessary, and allow the table to expand to additional pages as needed. Do not worry about formatting. E-mail this document as an attachment in Word or WordPerfect format to gem@oilspill.state.ak.us no later than the end of business on **Thursday, September 26**. The subject line of the e-mail to me should read, "030670 review".

	Rating[1]
1. Does the proposal provide an understanding of the problem, is it technically and scientifically sound, and will it contribute to the generation and dissemination of scientific knowledge in the topic area?	4 (1-5)
Comments: The study might provide a lot of insight into sockeye salmon migratory behavior in tidally-dominated estuaries. I'm not sure it will solve the management problem of determining whether the run has abnormal timing - much of that may be determined outside of Cook Inlet, such that fish are already early or late before they reach Cook Inlet. There is a fair bit of literature on oceanic influences on run timing variations for the Fraser River in particular (possibly also Bristol Bay) that the authors should examine. The proposed location and type of work is novel, which increased the score I assigned it. The proposers might consider looking at the effects of estuarine conditions on the condition of sockeye salmon reaching their spawning streams. Energy expenditure within the estuary might affect the efficacy of spawners. Measurements of fish condition (morphological indices, fat content) at the transect and at river mouths could be added to existing sampling programs quite cheaply.] ddition of oceanographic data collection to an existing survey platform is an a-----lary benefit of this study. It would undoubtedly be very useful to other research if collected systematically for a number of years, but not as useful if only for 1-3 years.	
2. Are the methods as likely to be effective as any others available in achieving the solution?	3.5 (1-5)
Comments: This project is critically dependent on accurately determining locations and abundance of salmon with a hydroacoustic device. I have seen enough problems with in-river sonar systems to be concerned about potential technical glitches. Other data collection looks straightforward and appropriate. Analysis: H2 - I'm unsure why the mean date of migration is to be calculated in such a complicated fashion. Why not just use the date of the 50th percentile of CPUE (or sample catch if effort is constant)? H3 - An asymptote of variance as mean inceases isn't the signal that the hypothesis is true, rather, a decrease in CV as the mean increases is what they'd expect. In general - the analysis methods are poorly described, and are probably too simplistic. The fish distribution is expected to be affected by numerous phenomena (tide state, strength of gradients, fish density) simultaneously, and some multivaritae approach may be necessary.	
3. Can the solution be achieved with these personnel for the amount of funding requested and within the proposed timeframe? Is it cost effective?	5 (1-5)

[1] A rating of 1 on question means emphatically "no," and a score of 5 means emphatically "yes"; scores of 2-4 mean "maybe." The reviewer is the best judge of the meaning of "Accurate" and "Adequate," but accurate may mean the proposal shows a clear understanding of what kind of information and research are most needed in this field at this time, and adequate may mean that the appropriate scientific literature is used to support the arguments, and/or that the proposal is well written.

Comments: Logistics are well thought out, and costs are reasonable. Piggybacking on an existing survey program should be encouraged when the location is suitable.

other comments: Willette's previous salmon studies have been very well done.

Exxon Valdez Oil Spill Trustee Council

441 W. 5th Ave., Suite 500 • Anchorage, Alaska 99501-2340 • 907/278-8012 • fax 907/276-7178

October 28, 2002

Brenda Konar
UAF/SFOS
PO Box 757220
Fairbanks, AK 99775-7220

Katrin Iken
UAF/SFOS
PO Box 757220
Fairbanks, AK 99775-7220

RE: Project 030666 / Alaska Natural Geography in Shore Areas: An Initial Field Project for the Census of Marine Life

Dear Brenda and Katrin:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council fund Project 030666 contingent on resolution of budget questions. I have enclosed a copy of my preliminary recommendation on this project, along with the Scientific and Technical Advisory Committee's recommendation on the project's technical merits. This recommendation is made for public review and may be revised before it is provided to the Trustee Council in late November.

The Trustee Council Office estimate of the overall budget for Project 030666 is $269,100, including agency general administration of nine percent. You should work from this number in developing your revised budget if one is needed. The revised budget should be prepared on the standard detailed budget forms and submitted to the Trustee Council Office, Attn: Katharine Miller, by **November 12, 2002.** (Please submit three paper copies and an electronic copy.) Enclosed is a list of items considered in the review of your budget which may help you prepare a revised budget.

My preliminary recommendations on all proposals for funding in FY 03 have been incorporated into the Draft Work Plan, which will be available for public review on the Trustee Council's web page (*www.oilspill.state.ak.us*) about October 25. If you would like a copy of the Draft Work Plan sent to you, please call or e-mail the Trustee Council Office:

Telephone	278-8012
Toll-free in Alaska	1-800-478-7745
Toll-free outside of Alaska	1-800-283-7745
E-mail	brenda_hall@oilspill.state.ak.us

Following a review of any public comments received, as well as comments from the Trustee Council's Public Advisory Committee, I will make a final recommendation to the Council. Council action on the Work Plan is scheduled for November 25, 2002.

Thank you for your interest in the Trustee Council's Gulf Ecosystem Research and Monitoring (GEM) program. If you have any questions about this preliminary recommendation, please call me or Phil Mundy, the Trustee Council's Science Director.

Sincerely,

Molly McCammon
Executive Director

Enclosure

cc: Bill Hauser, ADF&G Liaison

SPREADSHEET B: FY 03 PHASE II WORK PLAN-EXECUTIVE DIRECTOR'S PRELIMINARY RECOMMENDATION

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY 03 Ph II Request	FY 03 Ph II Recom.	FY 04 Request	FY 04 Recom.
G-030666	Alaska Natural Geography in Shore Areas: An Initial Field Project for the Census of Marine Life	B. Konar/SFOS-UAF K. Iken/SFOS-UAF	ADFG	New FY 03-04	$269.1	$269.1	$211.4	$211.4

Project Abstract

This project will initiate nearshore biodiversity studies along a pole-to-pole latitudinal gradient by applying protocols developed under the Census of Marine Life program. After initial sampling in Southcentral Alaska, the gradient will develop further throughout Alaska, along the Pacific Coast of North and South America into the Antarctic. Under GEM funding during the years 2003 and 2004, this project will sample four study sites in each of three core areas in the Gulf of Alaska: Kodiak Island, Prince William Sound and Kachemak Bay. Study sites are macroalgal hard bottom or seagrass communities, and are characterized by a high level of pristineness. The project is heavily based on local community involvement for sampling. Expected outcomes are biodiversity baseline data for future long-term monitoring programs, initiation of long-term involvement of local communities in monitoring efforts in coastal areas, capacity building, and a broad outreach to the public.

STAC Recommendation

Proposal is responsive to the invitation and has good coordination with community programs, including Youth Area Watch. The results of this project are expected to assist GEM in identifying the variables that should be monitored in certain nearshore, soft benthic habitats. In addition, the project provides a pilot effort for involving local communities and science organizations in nearshore planning and site selection, and thus building local capacity and outreach. Fund.

Executive Director's Preliminary Recommendation

Fund based on STAC recommendation, contingent on resolution of budget questions. This project provides key elements for the nearshore GEM program in community involvement, local coordination, capacity building, and public outreach. This proposal is part of an international biodiversity study.

030666

ITEMS CONSIDERED IN REVIEW OF FY 03 PHASE II BUDGETS

1. Completeness of budget, especially:
   - a is there a fully detailed budget form for each project year?
   - b is there general adherence to the format and content instructions?
   - c is Trustee-agency GA rate of 9% of project costs included?

2. Note the following:
   - a matching funds, if any (amount and source) Are Sloan funds really matching for this particular project?
   - b requests for anything other than closeout funds in FY 04
   - c indirect rate for non-Trustee-agency proposers

3. For continuing projects:
   - a level of funding authorized in FY 02 and projection, at that time, of FY 03 budget. Items budgeted for FY 02 but not implemented should not be funded again in FY 03 unless the proposer can verify that he/she will lapse the "unused" FY 02 funds. May want to review/note FY 01 audit results.
   - b direction given by Trustee Council and/or Chief Scientist in FY 02 Final Work Plan or in subsequent review sessions (e.g., transition to agency funding, close out certain components).
   - c change in project's scope per the Chief Scientist's recommendation (i.e., elimination, revision, or addition of objectives). If a pilot project is seeking expansion, note whether there is adequate information to evaluate the pilot's success.

4. Personal Services: Note if number of months appears excessive, e.g. 12 mos. for a close-out and no justification provided. Also note if salary appears excessive relative to scope of work and salaries typically paid agency or university employees for the type of work.

5. Travel: Must be budgeted at round-trip economy rates, and must identify name of traveler, destination, and trip purpose. More detail needed. What is $6.0 for?

6. Annual Workshop: For PI and co-PI only, travel and per diem for up to 5 days (Jan. 13-17) -- and only if PI/co-PI not located in Anchorage.

7. Other EVOS Reviews/Workshops: Only workshop identified so far for FY 03 is lingering oil (Fall 2002).

8. Professional Conferences: One each per PI (and co-PI if appropriate) if the PI will be presenting results of his/her EVOS work or attendance at the workshop is integral to the project. Proposal must identify the conference, when and where it will be held, and the PI's role in the conference.

9. Manuscript Preparation: Maximum $1,000 in page costs per project and maximum 1.5 months personnel time per manuscript. Proposal must include subject/title of manuscript, name of peer reviewed journal to which will be

submitted, and when it will be submitted. Page costs should be provided only if manuscript will actually appear in print in FY 03. Note number of manuscripts for which funding support is requested.

10. Report Writing: Funding for final reports only (no funds for annual reports, because annual report requirement has been reduced to a 2-page form with no analysis of results).

11. Equipment: Note purchases of major new equipment (at a minimum, note everything with unit cost of $5,000 or more as this is the equipment we are required under TC procedures to track through the annual inventory).

12. Indirect Costs: Maintenance and operation of space (i.e., lease costs), office supplies, copying, phones, equipment maintenance and repair, vehicle leasing, software, and training are typically indirect costs (for complete list see p. 27 of Invitation). Such costs should be budgeted for separately only if they are incurred because of a specific project and documentation of the expense is maintained. The documentation must demonstrate to a financial auditor that the expense was directly attributable to the project, and was necessary and reasonable.

    By agreement, University of Alaska indirect rate is 25% of all direct costs except equipment for which ownership resides with the university and subcontract costs in excess of $25,000 (see p. 36 of Invitation for more detail).

13. Community Involvement and TEK: Note funds budgeted.

14. Project Management: No funds should be budgeted in the individual project budgets. For FY 03, project management funds have already been approved in Project 030250.

15. Other: Note additional, project-specific budget issues that may need to be addressed.