13.08.01 – Reading File

April 2001

Exxon Valdez Oil Spill Trustee Council

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

MEMORANDUM

TO: Tom Taylor

FROM: Debbie Hennigh
Special Assistant

DATE: April 30, 2001

RE: Contract Proposal and Support Documents

Enclosed are Judy Griffin's proposal for the GEM technical editor and copies of samples she submitted with her proposal.

She is working on getting quotes for the Commercial General Liability insurance and has been having a difficult time with people getting back to her with quotes. She has found a company through the Internet and is hopeful so I should have something for you soon.

Thanks again for your assistance.

Exxon Valdez Oil Spill Trustee Council

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

MEMORANDUM

TO: Monica Riedel
Alaska Native Harbor Seal Commission

Vicki Vanek
ADF&G Subsistence Division

FROM: Molly McCammon
Executive Director

RE: Extension of Due Date: FY 00 Annual Report
Project 00245 / Community-Based Harbor Seal Management and Biological Sampling

DATE: April 30, 2001

The purpose of this memo is to confirm an extended due date of June 30, 2001 for the annual report on Project 00245/Community-Based Harbor Seal Management and Biological Sampling. I understand this extension is needed due to other demands on the authors' time, including the hunting season and the Annual Spring Board of Directors Meeting.

cc: Claudia Slater, ADF&G Liaison

Exxon Valdez Oil Spill Trustee Council

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

MEMORANDUM

TO: Claudia Slater, ADF&G Liaison

FROM: Molly McCammon, Executive Director

RE: Additional Authorization -- Project 01389 / *3-D Ocean State Simulations for Ecosystem Applications from 1995-98 in Prince William Sound*

DATE: April 30, 2001

This memo, which regards the Project 01389 subcontract originally intended for Alaska Digital Graphics and related server purchase, supersedes my memo of January 19, 2001 on this same topic. Unavailability of two of the subcontractors has necessitated a reduction in the project's scope, as outlined in the attached letter from Dr. Jia Wang, the principal investigator. Expenditure of the following funds for implementation of the subcontract is hereby authorized, with the following condition:

> The project will provide the Trustee Council with all input data necessary to run the model. The input data provided are to include the meteorological data collected by Steve Bodnar (the subcontractor) and the other meteorological and oceanographic data used to run the 3-D model. Data are to be readable by PC in either a comma or tab delimited flat file ASCII database. Also to be included is the information necessary to understand the nature, source, and limitations of these data, including name of observation, type of observing instrumentation, and measurement errors, in ASCII text. Data are to be provided on a medium appropriate to the size of the database and acceptable to the Trustee Council.

Authorized 4/25/01:	Bodnar salary/benefits	10.8
	Travel	1.2
	Supplies	0.5
	Indirect (20%)	2.5
	Univ. indirect on subcontract (25%)	3.8
	ADF&G GA on contract (7%)	1.3
		20.1
	Server purchase	12.0
	Univ. indirect on server (25%)	3.0
	ADF&G GA on server (7%)	1.1
		$36.2
Previously authorized (9/11/00):		$62.5
	Total	$98.7

The balance of funds approved by the Trustee Council for Project 01389 ($43,800) will be lapsed by ADF&G at the end of the fiscal year.

April 16, 2001

To: Molly McCammon, Executive Director

From: Jia Wang, Ph.D., IARC&IMS/UAF
jwang@iarc.uaf.edu, tel: 907-474-2685

Memo: Project 01389 Modification

Dear Director McCammon:

Thank you very much for your memo of February 5, 2001 regarding the tasks project 01389 was supposed to accomplish. There was a misunderstanding (eg., retrieval of the SEA data) between myself and the contractors when the proposal was approved. The reason was that the subcontract was modified and sent to EVOS without my final approval because I was in a business trip to Japan at the time. Nevertheless, the related task described below will be great benefit to community and EVOS.

I have spent lot of time to discuss with my contractors and Dr. Bill Hauser. It took a long time for to come to this point to determine what I need to accomplish with my EVOS project 01389.

Based on the conversations with my previous contractors Dr. Vince Patrick and email contact with Jenny Allen and Steve Bodnar, as the PI, I would propose (summarize) to the EVOS Trustee Council the modifications as follows:

1) Since Jenny Allen cannot participate in this project and Vince Patrick quit, I would like to keep Mr. S. Bodnar as in the team contracted to his company (Williwaw Technologies) via UAF (see the attached by Bodnar). So, his original time is not changed (1.5 months, cost: 10.80K).

2) The fund of $12K is still essential to purchase a server for PWS and GEM 3D modeling output website this FY, which will be served for future EVOS GEM projects that I will conduct. This computer will be used as well as computational resources for the 3D modeling in GOA.

3) Since two contractors (Allen and Patrick) quit, this project will not accomplish the 3D simulations using spatially-variable wind for year 1995-98. The loss was clearly stated by Dr. Patrick in his long letter (email) that Allen has the software and scheme to map the spatially-variable wind fields in PWS. However, Wang and Jin still conduct these consecutive 4-year simulations under forcing of a single mid-sound wind and other sensitivity studies.

The retrieval of the SEA data will not be accomplished because the contractors quit due to variety of reasons.

4) We will put the available meteorological data (wind, temperature, solar radiation, etc., collected by Bodnar) into the new server, and put the 3D model simulations (4 years) into the website located at IMS-IARC/UAF.

5) We will accomplish a final report to EVOS Trustee Council by Sep. 30 2001 and submit a manuscript to refereed journal for publication, both of which will be online in the server.

I wish this summary clearly states what we can and cannot accomplish under such circumstance. If you need further information, please don't hesitate to let me know. Thank you very much for your understanding.

Subcontract (Williwaw) Budget Revised:

Salary plus benefit:

Contractor	Months	Monthly rate	cost	Total
S. Bodnar	1.5	7.2	10.80	10.80K

Travel

Domestic	From Jeauno to Fairbanks (install/check the data server in Fairbansks)	1.2K
Supplies		0.5K

Total direct cost	12.5K
Indirect costs (20%)	2.5K
Total	15K

UAF Computer Budget:

Workstation	12K

The total is 27K.

CC: Dr. Bill Hauser

Exxon Valdez Oil Spill Trustee Council

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

April 27, 2001

Michael Hoskins
CompuCom
508 West Second Avenue
Suite 100
Anchorage, AK 99501

Dear Mike:

Enclosed is the second refund check (check number 608022, for $2,185.00) for overpayment of invoice 942. I did not learn until this morning that the first check had been received on April 12th and deposited on April 16th and cleared on April 19th.

I will email Desiree and let her know what happened. Thank you for your assistance in this matter.

Sincerely,

Debbie Hennigh

Debbie Hennigh
Special Assistant

Enclosure

CompuCom.

7171 FOREST LANE
DALLAS, TX 75230
(972) 856-3600

608022

04/23/01

Vendor Code: **527882** Vendor Name: **EXXON VALDEZ OIL SPILL REST - OFFICE**

Invoice Date	Invoice Number	Gross Amount	Discount Amt	Net Amount	Comments
02/02/01	CR66161	2185.00	0.00	2185.00	ACCT:9999962;OVERPAID INV. 942
			Total :	2185.00	

RECEIVED
APR 26 2001
EXXON VALDEZ OIL SPILL
TRUSTEE COUNCIL

PLEASE DETACH BEFORE DEPOSITING

THE BACK OF THIS CHECK CONTAINS A SECURITY WATERMARK

64-1278
611

Bank of America Cust Connection
Bank of America, N.A.
Atlanta, Dekalb County, Georgia

608022

04/23/01

Void After 6 Months of Date of Check

CHECK AMOUNT
********2,185.00

CompuCom.

7171 FOREST LANE
DALLAS, TX 75230
(972) 856-3600

PAY TWO THOUSAND ONE HUNDRED EIGHTY-FIVE AND 00/100 DOLLARS

TO THE ORDER OF EXXON VALDEZ OIL SPILL REST - OFFICE
645 G STREET, SUITE 401
ANCHORAGE, AK USA 99501

J E Coleman

Two Signatures required on checks over $ 5,000

⑈608022⑈ ⑆061111788⑆ ⑈329 975 2438⑈

Exxon Valdez Oil Spill Trustee Council

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

MEMORANDUM

TO: Vicki Friesen, Project 00169 PI
Queen's University

FROM: Molly McCammon
Executive Director

RE: Extension of Due Date: FY 00 Final Report
Project 00169 / A Genetic Study to Aid in Restoration of Murres, Guillemots, and Murrelets in the Gulf of Alaska

DATE: April 23, 2001

The purpose of this memo is to confirm an extended due date of September 30, 2001 for the final report on Project 00169/A Genetic Study to Aid in Restoration of Murres, Guillemots, and Murrelets in the Gulf of Alaska. I understand this extension is needed to allow time to analyze the three very large data sets associated with this project.

cc: Dede Bohn, DOI-USGS Liaison

Exxon Valdez Oil Spill Trustee Council

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

April 25, 2001

Senator Alan Austerman
Alaska State Senate
State Capitol, Room 417
Juneau, AK 99801-1182

Dear Senator Austerman:

You have asked for an update on the Trustee Council's interest in lands along the lower Karluk River on Kodiak Island. The Trustee Council has long been interested in long-term protection of the Karluk River and Karluk Lake drainage. They are part of a large, intact ecosystem which provides multi-million dollar commercial, subsistence and recreational benefits to the larger Kodiak population and the State of Alaska. In addition, the Alaska Department of Fish and Game has operated a weir on the Karluk River for several decades.

The Karluk Tribal Council originally authorized the Trustee Council to appraise a small parcel containing the Karluk River weir site for possible acquisition in 1996. The approximately 7.5 acres of land was appraised at $105,000. At that time, the Karluk Tribal Council was not interested in pursuing an agreement at that price.

In the spring of 2000, the Karluk Tribal Council, through legal counsel, advised the state and the U.S. Fish and Wildlife Service that it would consider the possible sale of a conservation easement or fee title on some or all of the 1860 acres, including the weir site, which they received as part of the Koniag merger agreement. The Tribal Council requested that an appraisal of these lands be performed. Such an appraisal was recently completed, and a copy is enclosed. The Karluk Tribal Council has indicated they would like to proceed to discussions about a possible acquisition.

The Trustee Council's policy is to negotiate only with willing sellers. Based on a preliminary title review, the Karluk Tribal Council was quit-claimed approximately 2,190 acres of land by Koniag, Inc., as part of the merger agreement. Based on our preliminary review, the Tribal Council appears to be the lawful owner of these lands.

The Tribal Council has the authority to govern itself, and the Trustee Council cannot place requirements on how the proceeds from a possible sale would be used, for example, such as insisting that the funds be distributed to the original shareholders. Our legal advisors have told us that the Tribal Council's constitution appears to require that you live in Karluk to be considered a voting member of the tribe. The vast majority of the original 186 shareholders of the Karluk Native Corporation do not live in the village of

Karluk. However, because these lands were conveyed on the basis of their original membership in the Karluk Village Corporation, many of them believe the Tribal Council has an obligation to them with regard to these lands. A number of the original shareholders have testified before the Trustee Council on this issue.

The Trustee Council's appraisal has now been given to the Karluk Tribal Council and made public. The Trustee Council discussed it recently at a meeting on April 3, 2001. At that time, after hearing lengthy testimony from original Karluk shareholders, the Trustee Council agreed that the negotiating team should continue its discussions with the Tribal Council on what a potential acquisition proposal might look like. However, the Trustee Council also indicated that they had not yet made up their minds about whether they might support a future proposal, and in fact, would not do so if there were any legal problems with the title to the lands. The Trustee Council strongly urged the original Karluk shareholders to pursue any legal action they might take to clarify their rights to these lands, and committed to keeping them informed at every step during this process.

I hope this information is useful to you. Please don't hesitate to contact me if you have any additional questions.

Sincerely,

Molly McCammon
Executive Director

cc: Alex Swiderski, Alaska Dept. of Law
Steve Shuck, U.S. Fish and Wildlife Service

Exxon Valdez Oil Spill Trustee Council

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

FAX COVER SHEET

To: Sea Austerman c/o Sean Riley Number: 907-465-4956

From: Molly McCammon Date: 4-26-01

Comments: Total Pages: 3 with cover.

fax copy to
Sea Austerman
c/o Sean Riley
at 465-4956. ✓

send original + copy of appraisal ✓
to the Juneau office. ✓

send out CC's. ✓
give me a copy ✓
copy to Karlen IRA file ✓
copy to my file. ✓

HARD COPY TO FOLLOW YES w/appraisal

Document Sent By: Sherri

3-16-99

Exxon Valdez Oil Spill Trustee Council

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

FAX COVER SHEET

To: Sen Lusterman c/o Sean Riley Number: 907-465-4956

From: Molly McCammon Date: 4.26.01

Comments: Total Pages: 3 with cover.

HARD COPY TO FOLLOW YES w/appraisal

Document Sent By: Sherri

3-16-99

****
*** ACTIVITY REPORT ***
****

TRANSMISSION OK

TX/RX NO.	3716
CONNECTION TEL	19074654956
CONNECTION ID	
START TIME	04/25 09:15
USAGE TIME	01'24
PAGES	3
RESULT	OK

Exxon Valdez Oil Spill Trustee Council

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

MEMORANDUM

TO: Trustee Council

THROUGH: Molly McCammon
Executive Director

FROM: Debbie Hennigh
Special Assistant

DATE: April 19, 2001

RE: March Investment Reports

Attached are Department of Revenue's Investment Fund reports for activity ending March 31, 2001 and the graphs detailing assets, earnings, and benchmark comparisons.

If you would prefer to receive these reports electronically, please let Debbie Hennigh know and she will be glad to provide the information to you via email.

Attachments

cc: Investment Working Group

MEMORANDUM

TO: Trustee Council

THROUGH: Molly McCammon
Executive Director

FROM: Debbie Hennigh
Special Assistant

DATE: April 19, 2001

RE: March Investment Reports

Attached are Department of Revenue's Investment Fund reports for activity ending March 31, 2001 and the graphs detailing assets, earnings, and benchmark comparisons.

If you would prefer to receive these reports electronically, please let Debbie Hennigh know and she will be glad to provide the information to you via email.

Attachments

cc: Investment Working Group

STATE OF ALASKA
DEPARTMENT OF REVENUE
TREASURY DIVISION

Exxon Valdez Oil Spill Investment Fund

STATEMENT OF INVESTED ASSETS

March 31, 2001

Investments (at fair value)		2001
Cash and cash equivalents		
Short-term Fixed Income Pool	$	94,350
Marketable debt and equity securities		
Broad Market Fixed Income Pool		61,209,483
Non-retirement Domestic Equity Pool		46,126,312
SOA International Equity Pool		20,493,757
Total invested assets	$	127,923,902

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 March 31, 2001

	CURRENT MONTH	YEAR TO DATE
Investment Income		
Cash and cash equivalents		
Short-term Fixed Income Pool	$ 504	$ 93,861
Marketable debt and equity securities		
Non-pooled investments	0	61,799
Broad Market Fixed Income Pool	356,932	4,501,483
Non-retirement Domestic Equity Pool	(3,202,866)	(8,873,688)
SOA International Equity Pool	(1,653,762)	(2,506,243)
Total income from marketable debt and equity securities	(4,499,696)	(6,816,649)
Total investment income (loss)	(4,499,192)	(6,722,788)
Total invested assets, beginning of period	132,423,094	0
Net contributions (withdrawals)	0	134,646,690
Total invested assets, end of period	$ 127,923,902	$ 127,923,902

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 March 31, 2001

	Asset Allocation		Fair value	Current Allocation	Variance
	Policy	Range			
Cash and cash equivalents					
Short-term Fixed Income Pool	**0.00%**		**93,846**	0.07%	-0.07%
Total cash and cash equivalents	**0.00%**		**93,846**	**0.07%**	**-0.07%**
Marketable debt and equity securities					
Broad Market Fixed Income Pool	**42.00%**	**35% - 49%**	**61,209,483**	47.85%	-5.85%
Non-retirement Domestic Equity Pool	**41.00%**	**34% - 48%**	**46,126,312**	36.06%	**4.94%**
SOA International Equity Pool	**17.00%**	**12% - 22%**	**20,493,757**	16.02%	0.98%
Total marketable debt securities	**100.00%**		**127,829,551**	**99.93%**	**0.07%**
Total holdings	**100.00%**		**127,923,397**	**100.00%**	**0.00%**
Short-term Fixed Income Pool Interest Receivable			**504**		
Total Invested Assets at Fair Value			**127,923,902**		

Prepared by Treasury Division
Printed: 4/12/01 at 4:08 PM
Filename: EVOS_0301 policy

Exxon Valdez Oil Spill Investment Fund

Period Ending March 31, 2001

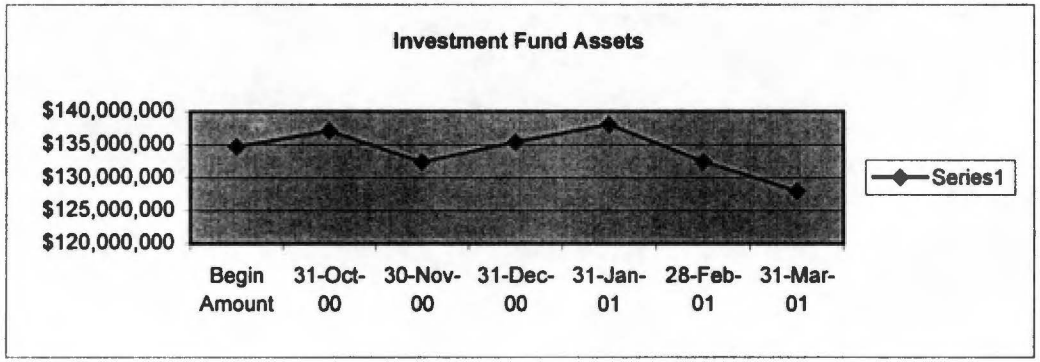
	Mkt Value ($M)	Monthly Return	3 Mo. Return	YTD	Fiscal YTD	Inception to Date*
AY02 EVOS Investment Fund	**127,924**	**-3.40**	**-5.52**	**-5.52**	-	**-6.73**
EVOS Investment Fund Index		***-3.60***	***-6.17***	***-6.17***	***-8.25***	*-7.33*
Short-term Fixed Income Pool	94	0.54	1.64	1.64	-	2.91
91 day T-Bill		*0.46*	*1.51*	*1.51*	*4.71*	*2.62*
Broad Market Fixed Income Pool	61,210	0.59	3.24	3.24	-	7.27
Lehman Brothers Aggregate Index		*0.50*	*3.03*	*3.03*	*10.61*	*6.66*
Non-Retirement Domestic Equity Pool	46,126	-6.49	-12.20	-12.20	-	-18.91
Russell 3000 Index		*-6.52*	*-12.15*	*-12.15*	*-19.47*	*-18.90*
SOA International Equity Pool	20,494	-7.47	-12.71	-12.71	-	-11.29
Morgan Stanley Capital Intl. (EAFE)		*-6.67*	*-13.71*	*-13.71*	*-22.80*	*-13.99*

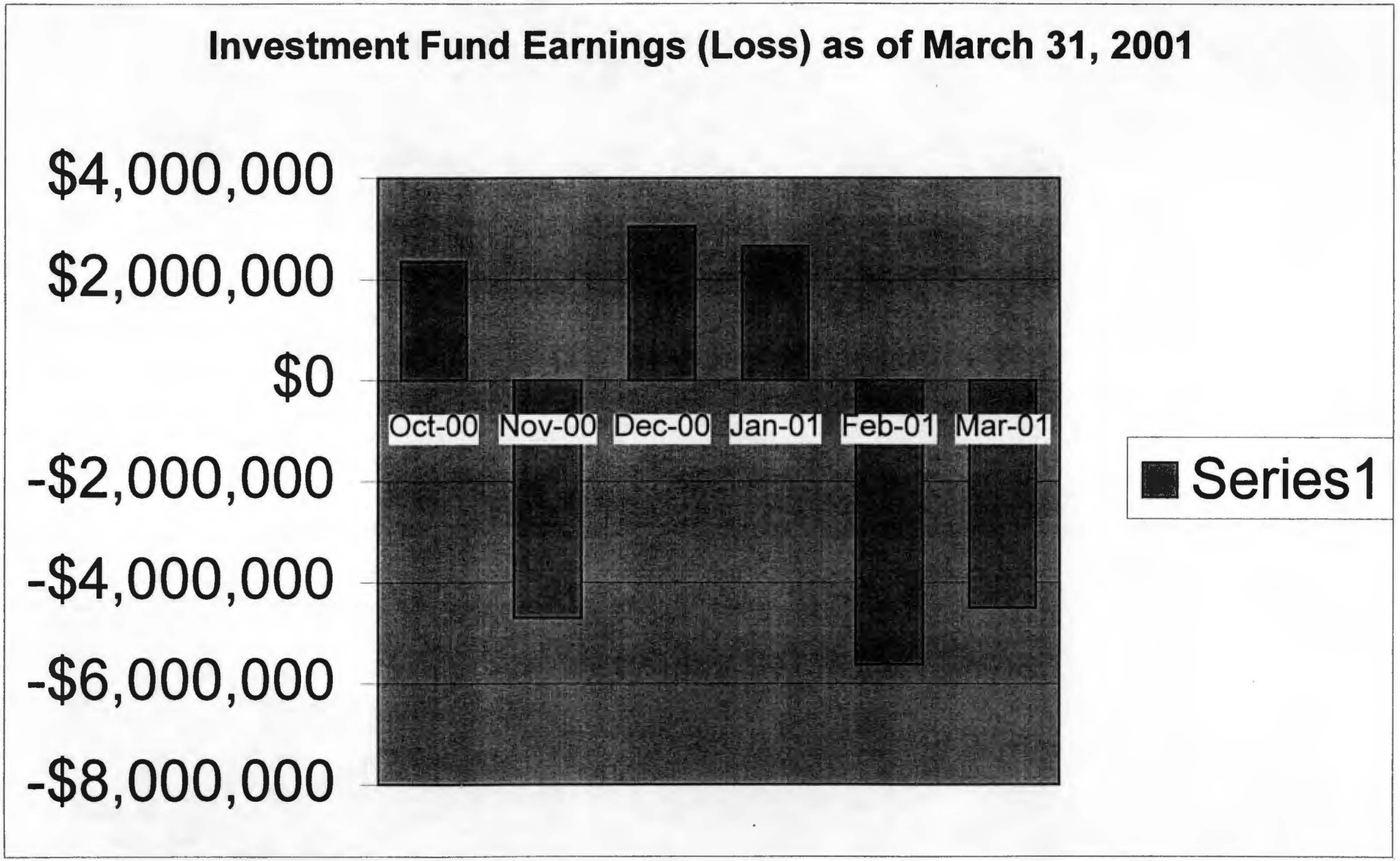
Source: State Street Bank, Insight.

* Since October 31, 2000

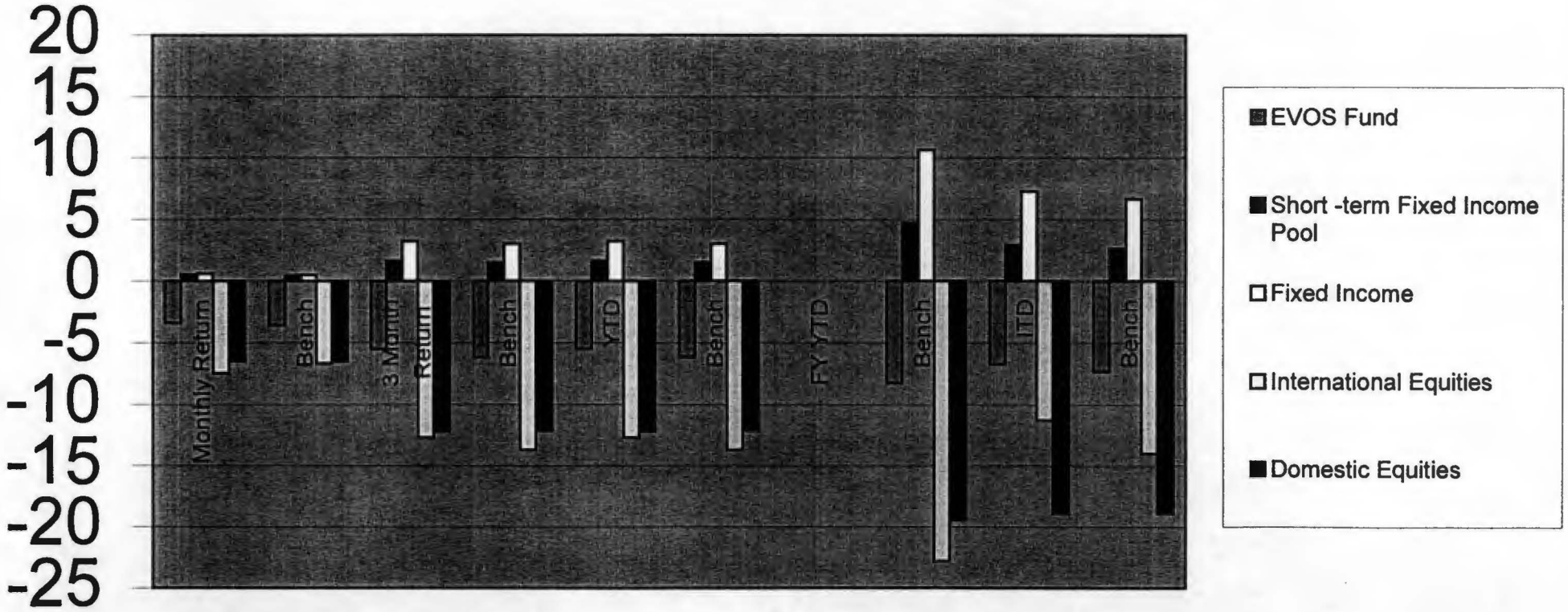
FY 01 October 2000 - March 2001 Investment Fund Earnings

Begin Amount	31-Oct-00	30-Nov-00	31-Dec-00	31-Jan-01	28-Feb-01	31-Mar-01
$134,708,489	$137,058,521	$132,354,734	$135,397,150	$138,049,186	$132,423,094	$127,923,902




Investment Fund Earnings (Loss) as of March 31, 2001
$4,000,000
$2,000,000
$0
-$2,000,000
-$4,000,000
-$6,000,000
-$8,000,000
Oct-00
Nov-00
Dec-00
Jan-01
Feb-01
Mar-01
Series1

March 2001 Performance Measurement



Exxon Valdez Oil Spill Trustee Council

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

April 19, 2001

I certify that the U.S. Fish and Wildlife Service, on behalf of the United States government, has complied with the terms and conditions of the *Exxon Valdez* Oil Spill Trustee Council's resolutions of July 5, 2000 and January 16, 2001 and hereby request that the Alaska Department of Law and U.S. Department of Justice notify the U.S. District Court of the following disbursements from the Natural Resource Damage Assessment and Restoration fund:

Parcel Number	Landowner	Purchase Price
KAP 2066	Jacelyn Johnson	$11,500
KAP 2067	Jacob and Annabelle Wick	$18,000
KAP 2068	Jacob Wick	$18,000

The disbursements total $47,500.

Molly McCammon
Executive Director

Exxon Valdez Oil Spill Trustee Council

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

MEMORANDUM

TO: Gary Fandrei and Brett Huber
PAG Members

FROM: Molly McCammon
Executive Director

RE: Review of FY 02 Restoration Proposals

DATE: April 19, 2001

Please find attached two spreadsheets that summarize the restoration proposals received for the FY 02 work plan:

- The first spreadsheet lists all proposals in numeric order. The list contains the project's assigned number and title, the name of the individual who submitted the proposal, and the project's assigned research cluster.

- The second spreadsheet lists all proposals by resource cluster. In addition to project number, title, and proposer, this list contains an abstract of the project, the project's assigned lead agency, the amount of funding requested for FY 02, and the project's duration (the number of years for which funding is being requested from the Trustee Council). For continuing projects, the spreadsheet also contains the FY 01 projection of the amount of funding needed in FY 02 (this column is labeled "FY 02 Expected").

Chuck Meacham and Chris Blackburn will be the two PAG members participating in our June 6 review meeting on the proposals. However, you are also welcome to attend the meeting if you would like. It will begin at 10:00 am in the conference room at the Restoration Office. Please let Cherri know if you plan to attend.

Exxon Valdez Oil Spill Trustee Council

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

MEMORANDUM

TO: Marianne See/ADEC, Patty Brown-Schwalenberg/CRRC, Sarah Ward/CRRC, Sandra Schubert/EVOS

FROM: Molly McCammon
Executive Director

RE: Lower Cook Inlet Waste Management Plan Schedule

DATE: April 18, 2001

I thought it would be useful for all of us to have a copy of the schedule we agreed to at today's meeting. The schedule covers finalization of the waste management plan and development of a proposal to implement the plan.

Completion Date	Tasks	Who
Thursday, April 19	Contact key legislators about authorization in capital budget or commitment to bring up at LB&A and ✔Prepare project summary for legislative use	Molly McCammon Marianne See
ASAP if needed	Trustee Council meet to approve CRRC as grantee	
Monday, April 23	Complete redraft of plan	Marianne See
Tuesday, April 24	Deliver plan to RO (1st thing) and Goldstreak plan to communities	Marianne See RO (Brenda)
Wednesday, May 2	Deadline for comments from communities	
Monday, May 7	Incorporate comments as necessary and submit for peer review	Marianne See
Tuesday, May 15	Complete peer review	Bob Spies
Friday, June 1	Submit proposal for implementation funding	Marianne See/CRRC
early June	Trustee Council meet to approve funding proposal; funding will be contingent on CRRC hiring a project coordinator, resolutions from communities committing to O&M of any equipment, final approval by ED	

Exxon Valdez Oil Spill Trustee Council

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

MEMORANDUM

TO: Gary Fandrei and Brett Huber
PAG Members

FROM: Molly McCammon
Executive Director

RE: Review of FY 02 Restoration Proposals

DATE: April 19, 2001

Please find attached two spreadsheets that summarize the restoration proposals received for the FY 02 work plan:

- The first spreadsheet lists all proposals in numeric order. The list contains the project's assigned number and title, the name of the individual who submitted the proposal, and the project's assigned research cluster.

- The second spreadsheet lists all proposals by resource cluster. In addition to project number, title, and proposer, this list contains an abstract of the project, the project's assigned lead agency, the amount of funding requested for FY 02, and the project's duration (the number of years for which funding is being requested from the Trustee Council). For continuing projects, the spreadsheet also contains the FY 01 projection of the amount of funding needed in FY 02 (this column is labeled "FY 02 Expected").

Chuck Meacham and Chris Blackburn will be the two PAG members participating in our June 6 review meeting on the proposals. However, you are also welcome to attend the meeting if you would like. It will begin at 10:00 am in the conference room at the Restoration Office. Please let Cherri know if you plan to attend.

Exxon Valdez Oil Spill Trustee Council

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

MEMORANDUM

TO: Restoration Work Force
PAG Representatives (Chuck Meacham, Chris Blackburn)

FROM: Sandra Schubert, Program Coordinator

RE: FY 02 Restoration Proposals

DATE: April 18, 2001

This set of binders contains the Detailed Project Descriptions and detailed budgets submitted in response to the Trustee Council's FY 02 *Invitation to Submit Restoration Proposals*. In all, 107 research/monitoring/general restoration proposals totaling $10.4 million were received. Two additional proposals (02100/Administration and 02126/Habitat Protection Support) will be funded outside of the work plan. The Council's funding cap for FY 02 is $6.5 million ($1.5 million is expected for 02100 and $5 million for the work plan).

The front pocket of the first binder contains two spreadsheets:

1. A list of all proposals in numeric order. This list contains the project's assigned number and title, the name of the individual who submitted the proposal, and the project's assigned research cluster.

2. A list of all proposals by resource cluster. In addition to project number, title, and proposer, this list contains an abstract of the project, the project's assigned lead agency, the amount of funding requested for FY 02, and the project's duration (the number of years for which funding is being requested from the Trustee Council). For continuing projects, the spreadsheet also contains the FY 01 projection of the amount of funding needed in FY 02 (this column is labeled "FY 02 Expected"). Funding requests from non-Trustee agencies have been adjusted by Restoration Office staff to include agency "GA" (general administration).

Both of the spreadsheets are marked DRAFT. Please give me a call if you find any errors or omissions. Lead agencies and research clusters were assigned by Restoration Office staff, and are open to discussion.

The meeting of the Executive Director, Restoration Work Force, and two PAG members to develop the Draft Work Plan will be held in the Restoration Office (4th floor conference room) at 10:00 am Wednesday, June 6, 2001.

Exxon Valdez Oil Spill Trustee Council

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

MEMORANDUM

To: Core Peer Reviewers
Stephen Braund, Pete Peterson, Jim Reynolds, Alan Springer, George Rose

From: Phil Mundy, Science Coordinator
phil_mundy@oilspill.state.ak.us

Re: Conventions for peer review of FY 02 proposals

Date: April 17, 2001

The procedures for reviewing the FY 02 Detailed Project Descriptions (DPD) will be similar to last year. As in past years Bob Spies will assign projects to reviewers and send electronic review sheets for each project to each reviewer, and also send a memo documenting standard procedure under separate cover.

1. Primary reviewers are asked to e-mail the electronic review form for their projects to me with a copy to Deborah Florer, florer@amarine.com no later than the end of business on Thursday **May 17**. Please pay close attention to the section entitled "Overall assessment of this project and its relationship to the cluster and overall program." Secondary and tertiary reviewers are encouraged to do the same.

2. The subject line of the e-mail to me should read, **FY 02 DPD 02nnn** where nnn is the project number. Please attach the review form as a word processor file, and put the form inside the e-mail as text as a back up.

The explanation of how the electronic reviews will be used is as follows. At the peer reviewers' meeting the text of the primary reviewer's recommendation, and secondary and tertiary reviews, if available, will be projected on a screen during the discussion. The text will be edited as the discussion of the DPD proceeds. At the end of the discussion, the text should reflect as much as possible the sense of the group. The Chief Scientist will refer to this text when he prepares his recommendation for the Trustee Council. In this way, all participants can view the text as it evolves, and also have access to at least the text of the primary review.

Please note that you need to be generally familiar with the full suite of DPD's because you are asked to evaluate the proposals on which you are the primary reviewer relation to the cluster (i.e., pink salmon) and overall restoration program. In addition t the questions on the electronic review form, consider the following questions in relatio to the clusters and the overall program:

Are some projects especially important because they help achieve a balanced, integrated, ecologically-oriented whole? See especially pages 29 – 32 of the Invitation Submit Restoration Proposals for Federal Fiscal Year 2002 (February 2001) and the

Peer Reviewers only

Exxon Valdez Oil Spill Trustee Council

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

MEMORANDUM

To: Core Peer Reviewers
Stephen Braund, Pete Peterson, Jim Reynolds, Alan Springer, George Rose

From: Phil Mundy, Science Coordinator
phil_mundy@oilspill.state.ak.us

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GEM Program document at http://www.oilspill.state.ak.us/. (Being generally familiar with the Invitation would be helpful to your review.)

Are some projects worthwhile and technically appropriate but less important than others?

Are some projects most appropriately considered to be within the normal management responsibilities of the Trustee agencies?

Are some new projects more important than some ongoing projects?

Are there important gaps?

For continuing projects, take special note of the "Explanation of Changes in Continuing Projects" section of the DPD. This section is included with ongoing projects to simplify your work.

As always, your continued cooperation is vital to success. Looking forward to working with you. If you have any questions, please contact me, Bob, Sandra, or Molly.

cc: Bob Spies, Molly McCammon, Sandra Schubert, Andy Gunther

FY 02 WORK PLAN - INDEX OF PROPOSALS

Proj.No.	Project Title	Proposer	Resource Cluster
[redacted]BAA	Photographic and Acoustic Monitoring of Killer Whales in Prince William Sound and Kenai Fjords	C. Matkin/North Gulf Oceanic Society	Marine Mammals
02052	Community Involvement Planning for GEM	P. Brown- Schwalenberg/CRRC	Subsistence
02100	Public Information, Science Management, and Administration	All Trustee Council Agencies	Public Information/Science Mgt./Admin.
02126	Habitat Protection and Acquisition Support		Habitat Protection
02144	Common Murre Population Monitoring	D. Roseneau/USFWS	Seabird/Forage Fish and Related Projects
02154	Archaeological Repository, Display Facilities, and Exhibits for Prince William Sound and Lower Cook Inlet	J. Bittner/ADNR	Archaeological Resources
02159	Surveys to Monitor Marine Bird Abundance in Prince William Sound During Winter and Summer 2002	D. Irons/USFWS	Seabird/Forage Fish and Related Projects
02163-BAA	Alaska Predator Ecosystem Experiment in Prince William Sound and the Gulf of Alaska (APEX)	D. Duffy/Paumanok Solutions	Seabird/Forage Fish and Related Projects
02163M	Numerical and Functional Response of Seabirds to Fluctuations in Forage Fish Density	J. Piatt/USGS	Seabird/Forage Fish and Related Projects
[redacted]	Construction of a Linkage Map for the Pink Salmon Genome	F. Allendorf/Univ. Montana	Pink Salmon
02195	Pristane Monitoring in Mussels	J. Short, P. Harris/NOAA	SEA and Related Projects
02210	Youth Area Watch	R. DeLorenzo/Chugach School District	Subsistence
02245	Community-Based Harbor Seal Management and Biological Sampling	V. Vanek/ADFG, M. Riedel/Alaska Native Harbor Seal Commission	Marine Mammals
02247	Kametolook River Coho Salmon Subsistence Project	J. McCullough, L. Scarbrough/ADFG	Subsistence
02250	Project Management	All Trustee Council Agencies	Project Management
02256B	Sockeye Salmon Stocking at Solf Lake	D. Gillikin/USFS	Subsistence
02290	Hydrocarbon Database and Interpretation Service	J. Short, B. Nelson/NOAA	Nearshore Ecosystem
02320	Sound Ecosystem Assessment (SEA): Printing the Final Report	W. Hauser/ADFG	SEA and Related Projects
02333	Sea Otter Monitoring	B. Henrichs/Native Village of Eyak	Subsistence
02340 [redacted]	Toward Long-Term Oceanographic Monitoring of the Gulf of Alaska Ecosystem	T. Weingartner/ UAF	Ecosystem Synthesis/GEM Transition

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[redacted]	Alaska SeaLife Center Bench Fees		Public Information/Science Mgt./Admin.
02360-BAA	The *Exxon Valdez* Oil Spill: Guidance for Future Research Activities	C. Elfring/Polar Research Board, NRC	Ecosystem Synthesis/GEM Transition
02372	Steller Sea Lion Monitoring	B. Henrichs/Native Village of Eyak	Subsistence
02395	Planning for Long-Term Monitoring in the Nearshore: Designing Studies to Detect Change and Assess Cause	T. Dean/Coastal Resources Associates, et al	Nearshore Ecosystem
02396	Alaska Salmon Shark Assessment	J. Rice, L. Hulbert/NOAA	Cutthroat Trout, Dolly Varden, and Other Fish
02401	Assessment of Spot Shrimp Abundance in Prince William Sound	C. Hughey/ Valdez Native Tribe, C. O'Clair/ NOAA	Subsistence
02404	Testing Archival Tag Technology in Alaska Salmon	J. Nielsen/USGS-BRD	Cutthroat Trout, Dolly Varden, and Other Fish
02407	Harlequin Duck Population Dynamics	D. Rosenberg/ADFG	Nearshore Ecosystem
02416	O'Brian Creek Enhancement	Chenega Bay IRA Council	Subsistence
[redacted]	Patterns and Processes of Population Change in Selected Nearshore Vertebrate Predators	J. Bodkin, D. Esler/USGS-BRD, T. Dean/CRA, Inc.	Nearshore Ecosystem
02434	Design of a Video System for Remotely Monitoring Seabirds at East Amatuli Island	A. Kettle/USFWS	Seabird/Forage Fish and Related Projects
02441-BAA	Harbor Seal Recovery: Effects of Diet on Lipid Metabolism and Health: Manuscript Preparation	R. Davis/Texas A&M	Marine Mammals
02452-BAA	Assessing Prey and Competitor/Predators of Pink Salmon Fry	R. Thorne/PWSSC	SEA and Related Projects
02455	Gulf Ecosystem Monitoring and Research Program Data System	Restoration Office	Ecosystem Synthesis/GEM Transition
02457-BAA	Monitoring the Fall-Winter Herring Biomass to Track the Recovery of the Prince William Sound Herring Stock	R. Thorne/ PWSSC	Pacific Herring
02462	Effects of Disease on Pacific Herring Population Recovery in Prince William Sound	G. Marty/Univ. of California, Davis	Pacific Herring
02475-BAA	GEM Data System Specification	S. Marley	Ecosystem Synthesis/GEM Transition
02476	Effects of Oiled Incubation Substrate on Pink Salmon Reproduction	R. Heintz/NOAA	Pink Salmon
[redacted]	Effects of Food Stress on Survival and Reproductive Performance of Seabirds	J. Piatt/USGS-BRD, A. Kitaysky/Univ. of Washington	Seabird/Forage Fish and Related Projects

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[redacted]-BAA	Links Between Persistent Oil in Mussel Beds and Predators	S. Rice/NOAA, T. Dean/Coastal Resources Associates, S. Jewett/UAF	Nearshore Ecosystem
02492	Were Pink Salmon Embryo Studies in Prince William Sound Biased?	J. Thedinga/NOAA	Pink Salmon
02503	Orca Inlet Restoration	B. Henrichs/Native Village of Eyak	Subsistence
02507	Nuchek Subsistence Camp	B. Henrichs/Native Village of Eyak	Subsistence
02532	Coupling of Oceanic and Nearshore: The Search for Indicator Species	G. Irvine/USGS	Nearshore Ecosystem
02535	EVOS Trustee Council Restoration Program Final Report	EVOS Restoration Office	Public Information/Science Mgt./Admin.
02536	Synthesis of Spill Damaged Resource Information into the Heritage Data Management System	T. Gotthardt, K. Boggs/UAA	Ecosystem Synthesis/GEM Transition
02538	Evaluation of Two Methods to Discriminate Pacific Herring Stocks along the Northern Gulf of Alaska	T. Otis/ADFG, R. Heintz/NOAA	Pacific Herring
02543	Evaluation of Oil Remaining in the Intertidal from the *Exxon Valdez* Oil Spill	J. Short/NOAA	Nearshore Ecosystem
[redacted]	Assessing Harbor Seals: Methods to Identify Metabolic Responses to Environmental Change	M. Castellini/UAF	Marine Mammals
02550	Alaska Resources Library and Information Services (ARLIS)	All Trustee Council Agencies	Public Information/Science Mgt./Admin.
02552-BAA	Exchange Between Prince William Sound and the Gulf of Alaska	S. Vaughn/Prince William Sound Science Center	SEA and Related Projects
02556	Mapping Marine Habitats: The First Step in a Spatially Nested Monitoring Program	C. Schoch/Kachemak Bay Research Reserve	Nearshore Ecosystem
02558	Harbor Seal Recovery: Application of New Technologies for Monitoring Health	S. Atkinson/UAF	Marine Mammals
02561	Evaluating the Feasibility of Developing a Community- Based Forage Fish Sampling Project for GEM	D. Roseneau/USFWS	Seabird/Forage Fish and Related Projects
02565	Bottom-Up vs. Top Down: What Forces Control Variability in Kachemak Bay?	C. Schoch/Kachemak Bay Research Reserve	Nearshore Ecosystem
02569	Linked Monitoring Network for the Gulf of Alaska: A Workshop	C. Schoch/Kachemak Bay Research Reserve, G. Eckert/UAS	Nearshore Ecosystem
02570	Book on EVOS Science for General Readers	S. Loshbaugh/Freelance Writing	Public Information/Science Mgt./Admin.
02574-BAA	Assessment of Bivalve Recovery on Treated Mixed-Soft Beaches in Prince William Sound	D. Lees/Littoral Ecological & Environmental Services	Nearshore Ecosystem
02578	The Marine Macrofauna of Prince William Sound: An Annotated List	N. Foster, H. Feder	Nearshore Ecosystem

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[redacted]	Evaluation of Airborne Remote Sensing Tools for GEM Monitoring	E. Brown/UAF, J. Churnside/NOAA	Ecosystem Synthesis/GEM Transition
02589-BAA	PWSRCAC - EVOS Long Term Environmental Monitoring Program	J. Devens/ PWSRCAC	Nearshore Ecosystem
02593	River Otters and Fishes in the Nearshore Environment: A Synthesis	S. Jewett/UAF	Nearshore Ecosystem
02597-BAA	Ocean Color Time Series of Prince William Sound	S. Pegau/ OSU	Ecosystem Synthesis/GEM Transition
02600	Synthesis of the Ecological Findings from the EVOS Damage Assessment and Restoration Programs, 1989-2001	R. Spies/EVOS Chief Scientist, et al	Ecosystem Synthesis/GEM Transition
02601-BAA	GEM Transition: Addressing Methodological Data Gaps	T. Kline/ PWSSC	SEA and Related Projects
02603	Implementation of an Ocean Circulation Model: A Transition from SEA to GEM	J. Wang/UAF	SEA and Related Projects
02604	Gear Selectivity in Trawl Surveys along the Northern Gulf of Alaska	W. Bechtol/ADFG	Ecosystem Synthesis/GEM Transition
02608	Permanent Archiving of Specimens Collected in Nearshore and Deep Benthic Habitats	N. Foster/UAF	Nearshore Ecosystem
[redacted]	Long-Term Temperature/Salinity Monitoring Within the Alaska Coastal Current	T. Weingartner/UAF	Ecosystem Synthesis/GEM Transition
02610	Kodiak Archipelago Youth Area Watch	T. Schneider/Kodiak Island Borough School District	Subsistence
02612	Detecting and Understanding Marine-Terrestrial Linkages in the Kenai River Watershed	W. Hauser/ADFG	Habitat Improvement
02614	Monitoring Program for Near-Surface Temperature, Salinity, and Fluorescence in the Northern Pacific Ocean	S. Okkonen/UAF	Ecosystem Synthesis/GEM Transition
02617	Standing Stock and Secondary Production of Zooplankton in Prince William Sound	R. Hopcroft, K. Coyle/UAF	SEA and Related Projects
02618-BAA	Measurements of Tide Rip Front Variability in Cook Inlet	S. Saupe/CIRCAC	Ecosystem Synthesis/GEM Transition
02621	Kenai River Flats Conservation Easement and Public Education	M. Kuwada/ADFG	Habitat Improvement
02622	Digital Maps from Existing Seasonal Environmental Sensitive Area Maps: Cook Inlet/ Kenai Peninsula	J. Whitney/ NOAA	Ecosystem Synthesis/GEM Transition
02624-BAA	A CPR-Based Plankton Survey Using Ships of Opportunity to Monitor the Gulf of Alaska	S. Batten/SAHFOS, D. Welch/DFOC	Ecosystem Synthesis/GEM Transition

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[redacted]BAA	A Symbiotic Acoustic Signal Processor to Increase Stock Assessment Effort	J. Dawson/BioSonics, Inc.	Ecosystem Synthesis/GEM Transition
02628-BAA	Resurrection Bay Contaminant Survey	P. Homan/ Qutekcak Native Tribe	Ecosystem Synthesis/GEM Transition
02629-BAA	Development of a Paradigm for Ecosystem Monitoring	R. Thorne/PWSSC	Ecosystem Synthesis/GEM Transition
02630	Planning for Long-Term Monitoring and Research Program	Restoration Office	Ecosystem Synthesis/GEM Transition
02633	Acquisition of Chemical, Physical, and Biological Information on Kodiak Regional Water Quality	R. Ward/Kodiak Area Native Association	Ecosystem Synthesis/GEM Transition
02634	Expanding the Seabird Tissue Archival and Monitoring Project (STAMP) Program for GEM	D. Roseneau/USFWS, G. York/BRD, P. Becker/NIST	Seabird/Forage Fish and Related Projects
02636-BAA	Ecosystem Recovery Through a Partnership with the Spill-Impacted Communities	K. Adams, B. Perrine, R. Mullins/Cordova	Ecosystem Synthesis/GEM Transition
02637	Online Early Life History Database for the Northeast Pacific Ocean, Gulf of Alaska and Southeast Bering Sea	J. Duffy-Anderson/NOAA	Ecosystem Synthesis/GEM Transition
026[redacted]	Field Experiments for Testing Spill-Impacts Hypotheses from Long-Term Monitoring	G. Shigenaka/NOAA HAZMAT	Nearshore Ecosystem
02640	High Frequency Surface Wave Radar Test in Prince William Sound	A. Kotlarov/Alaska Marine Technology Corp.	Ecosystem Synthesis/GEM Transition
02643	Design of the Environmental Specimen Bank Program for GEM	P. Becker/NIST	Ecosystem Synthesis/GEM Transition
02644	Molecular Biomarkers as a New Technique for Assessing Physiological Contaminant Stress	G. Shigenaka/NOAA HAZMAT	Nearshore Ecosystem
02646-BAA	Information Dissemination through the Web: Developing an Interactive Database on Southcentral Alaskan Seaweeds	M. Stekoll/UAS	Nearshore Ecosystem
02648-BAA	Cost Effective Data Acquisition Using Adaptive Sampling and Combining Information Strategies	D. Dorsett/Baylor Univ.	Ecosystem Synthesis/GEM Transition
02649	Reconstructing Sockeye Populations in the Gulf of Alaska over the Last Several Thousand Years	D. Finney/UAF	Sockeye Salmon
02652	Links Between Persistent Oil in Mussel Beds and Predators	S. Rice/NOAA, T. Dean/Coastal Resources Associates, S. Jewett/ UAF	Nearshore Ecosystem
[redacted]AA	Transition Support for the GEM Data Manager	C. Falkenberg/ECOlogic Corp.	Ecosystem Synthesis/GEM Transition

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[redacted]	Retrospective Analysis of Nearshore Marine Communities Based on Analysis of Archaeological Material and Isotopes	G. Irvine/USGS, J. Schaaf/NPS	Nearshore Ecosystem
02657	Analysis of Genomic Stress Response in Sea Otters	C. Mohr, J. Stott/UC Davis, B. Ballachey/USGS	Nearshore Ecosystem
02659	Preparation and Publication of Results from SEA and NVP Avian Predation Studies	M. Bishop/ PWSSC	Seabird/Forage Fish and Related Projects
02662	Natural Life Restoration by Manulipitation	J. Rusher/Rusher's Services	Nearshore Ecosystem
02663	"Watchdog Tool" for Sampling and Monitoring	J. Rusher/Rusher's Services	Nearshore Ecosystem
02664	Retrospective Analysis of 30 Years of Seabird Distribution and Diet Data	J. Piatt/USGS	Seabird/Forage Fish and Related Projects
02667	Effectiveness of Citizens' Environmental Monitoring Program	S. Mauger/Cook Inlet Keeper	Ecosystem Synthesis/GEM Transition
02668	Developing an Interactive Water Quality and Habitat Database and Making it Accessible on the Web	J. Cooper/Cook Inlet Keeper	Ecosystem Synthesis/GEM Transition
02669	Hooligan Research	B. Henrichs/Native Village of Eyak	Subsistence
[redacted]-BAA	Coordinating Volunteer Vessels of Opportunity to Collect Oceanographic Data in Kachemak Bay and Lower Cook Inlet	D. Stram, C. Schoch/Kachemak Bay Research Reserve	Ecosystem Synthesis/GEM Transition
02673	Continuing Decline of Pigeon Guillemots in the Oiled Portion of Prince William Sound	D. Irons/USFWS, D. Roby/OSU	Seabird/Forage Fish and Related Projects
02674-BAA	Assessing Pigeon Guillemot Restoration Techniques and Feathers as Biomonitors	J. French/Pegasus Enterprises, G. Divoky/UAF	Seabird/Forage Fish and Related Projects
02677	English Bay River Sockeye Salmon Enumeration Project	C. Kvasnikoff/Nanwalek IRA Council	Subsistence
02678-BAA	Identifying Community-Based Ways to Use Commercial Fisheries Bycatch for Scientific Gain	W. Wilson/ LGL Alaska Research Associates	Ecosystem Synthesis/GEM Transition
02680	Remote Delivery of Persistent Organic Contaminants in Alaska Fishes	S. Rice, J. Short, A. Moles/NOAA	Ecosystem Synthesis/GEM Transition

[redacted]

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Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY02 Expected	FY02 Request	FY 03 Request
Pink Salmon					$279.0	$231.8	$116.3
02190	Construction of a Linkage Map for the Pink Salmon Genome	F. Allendorf/Univ. Montana	ADFG	Cont'd 7th yr., 7 yr. project	$240.0	$168.0	$80.3

This project will complete the analysis of experiments conducted at the Alaska SeaLife Center that use the linkage map to test for effects of regions of the genome on traits that are important to recovery of pink salmon (e.g., growth and survival). Sexually mature adults from the 1999 cohorts produced from wild pink salmon collected from Likes Creek are expected to return to Resurrection Bay and the SeaLife Center in August and September 2001. Genotypes in released fry will be compared to returning adults to test for genetic differences in marine survival and other life history traits (e.g., body size, egg number, and egg size). [Note: This project, which was scheduled to close out in FY 02, is now requesting $80,300 for FY 03.]

02476	Effects of Oiled Incubation Substrate on Pink Salmon Reproduction	R. Heintz/NOAA	NOAA	Cont'd 4th yr., 5 yr. project	$39.0	$39.8	$36.0

Populations are maintained through successful reproduction; this project is designed to determine if exposure to oil impairs pink salmon reproduction. Examination of the ability of the parental generation (P1) to produce offspring (F1) is underway. The P1 was exposed when they incubated in 1998; the F1 incubated in clean water beginning in FY 01. After the F1 emerges in spring 2001, the fish will be marked and released. At the end of FY 02, the released fish will be recovered when they return as mature adults. At that time, the project will measure the ability of the F1 to produce viable offspring (F2). A diminished ability to produce the F2 generation represents a genetic effect transmitted to unexposed generations. Such an effect was demonstrated in similarly treated pink salmon in 1997, but corroborating data do not exist.

02492	Were Pink Salmon Embryo Studies in Prince William Sound Biased?	J. Thedinga/NOAA	NOAA	Cont'd 2nd yr., 2 yr. project		$24.0	$0.0

Effects of the oil spill on wild pink salmon embryo survival in Prince William Sound are disputed among government- and industry-sponsored researchers. Exxon contends that the government's conclusions that reduced embryo viability in oiled streams was caused by persistent oil contamination were biased because sampling times were earlier in oiled streams than in reference streams. Experimental studies to determine the ability to discriminate eggs killed by sampling (shock mortality) and previously dead eggs were conducted to help ascertain if estimates of embryo survival in the sound were accurate or biased. Preliminary results indicate that shock resistance of eggs increased in a sigmoidal fashion from the end of September to mid November and that the timing of egg examination after being pumped from a stream is critical in differentiating shocked eggs from previously dead eggs. By removing eggs pumped from stream gravel soon after sampling, shocked eggs were easily discernible and could easily be separated from previously dead eggs. These results suggest that further examination of procedures used for egg sampling in the sound following the oil spill would not help clarify the controversy over potential biased estimates of egg survival.

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Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY02 Expected	FY02 Request	FY 03 Request
Pacific Herring					$47.1	$210.7	$85.6
02457-BAA	Monitoring the Fall-Winter Herring Biomass to Track the Recovery of the Prince William Sound Herring Stock	R. Thorne/ PWSSC	NOAA	New 1st yr., 2 yr. project		$86.0	$85.6
	The herring population in Prince William Sound has declined about fifty-fold since the oil spill and is in a virtual state of collapse. Recent infrared scanning surveys have revealed intense predator activity on overwintering aggregations of herring, which includes several predators that are either threatened or oil-damaged species. The spill is implicated as a factor in this decline. A limited monitoring program has been maintained by the Oil Spill Recovery Institute and the Alaska Department of Fish and Game. Because of the critical state of this resource and its importance to the health of the sound, this project will expand the survey effort by including fall surveys of adults and juveniles as a measure of mortality and an early indicator of future recovery.						
02462	Effects of Disease on Pacific Herring Population Recovery in Prince William Sound	G. Marty/Univ. of California, Davis	ADFG	Cont'd 4th yr., 3 yr. project	$0.0	$77.4	$0.0
	The Pacific herring population of Prince William Sound has not recovered from severe population decline in 1993. The Alaska Department of Fish and Game now predicts that fisheries closed since 1999 will not open for several years. Long-term systematic disease monitoring and research since 1994 has shown a clear relationship between disease prevalence and population change, and this information significantly improves the ability to forecast population change. Because of the importance of Pacific herring in the Prince William Sound ecosystem, and the importance of this project to marine fisheries worldwide, an additional year of disease study is proposed to ensure seamless flow of data from this project to GEM.						
02538	Evaluation of Two Methods to Discriminate Pacific Herring Stocks along the Northern Gulf of Alaska	T. Otis/ADFG, R. Heintz/NOAA	ADFG	Cont'd 2nd yr., 2 yr. project	$47.1	$47.3	$0.0
	This project will perform a comparative investigation of two promising stock identification techniques for Pacific herring -- elemental analysis of otoliths and fatty acid profile analysis of select soft tissues. Limited samples from Sitka Sound, Prince William Sound, Kamishak Bay, Kodiak Island, and Togiak will be collected and analyzed to determine if stock differences are detectable by each procedure, and at what scale. Successful results from this pilot study should be followed up with future evaluations of the temporal and structural (i.e., sex, age, maturity) stability of these biomarkers.						
SEA and Related Projects					$150.6	$551.3	$140.0
02195	Pristane Monitoring in Mussels	J. Short, P. Harris/NOAA	NOAA	Cont'd 7th yr., 7 yr. project	$50.0	$55.0	$55.0
	This project has focused on elucidating the transport mechanism of pristane from *Neocalanus ssp* copepods into mussels in Prince William Sound for the previous six years. In FY 00 and FY 01 the utility of monitoring the response of pristane in mussels to mass-release of juvenile pink salmon from Prince William Sound hatcheries was successfully initiated, using pristane concentration levels. This project will continue with this direction to assess feeding conditions for juvenile pink salmon during the critical period of initial marine residence, and will forecast survivals through his period. Forecasts will be compared to actual returns to assess reliability. [Note: The principal investigators have proposed that this project be continued indefinitely.]						

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY02 Expected	FY02 Request	FY 03 Request
02320	Sound Ecosystem Assessment (SEA): Printing the Final Report	W. Hauser/ADFG	ADFG	Cont'd 8th yr., 8 yr. project	$0.0	$6.2	$0.0

This project will print, bind and distribute the Sound Ecosystem Assessment (SEA) final report. The integrated final report is a required document expected to exceed 1,000 pages (some with color). Funding for copying, binding and mailing the final report was provided in FY 00, but completion has been delayed and the encumbered funds cannot be spent after June 30, 2001. The FY 00 unused funds will lapse.

02452-BAA	Assessing Prey and Competitor/Predators of Pink Salmon Fry	R. Thorne/PWSSC	NOAA	Cont'd 2nd yr., 2 yr. project	$0.0	$38.9	$0.0

Research shows that macro zooplankton and adult walleye pollock densities are the primary biological forcing variables effecting pink salmon fry survival. A program to make these estimates was initiated in spring 2000 by a partnership of organizations including the Oil Spill Recovery Institute (OSRI), Sound Emergency Response Vehicle System and the Alaska Department of Fish and Game. The Trustee Council provided funds to expand this effort in 2001 (Project 01452), including interaction with Project 01195 which is studying the use of pristane concentration in mussels to estimate pink salmon fry survival. FY 02 funding will finalize the survey design and recommend procedures as a potential element in GEM (the Trustee Council's long-term monitoring program), OSRI, or a combined institutional monitoring program.

02552-BAA	Exchange Between Prince William Sound and the Gulf of Alaska	S. Vaughn/Prince William Sound Science Center	NOAA	Cont'd 3rd yr., 3 yr. project	$100.6	$102.5	$0.0

One of the least understood physical processes that influence the biological components of Prince William Sound is the exchange between the northern Gulf of Alaska and Prince William Sound. This project will document the interannual variability in water mass exchange between Prince William Sound and the adjacent northern Gulf of Alaska at Hinchinbrook Entrance, and identify mechanisms governing this exchange. The project will deploy an upward looking ADCP mooring in Hinchinbrook Entrance to create time series of velocities spanning three years. The mooring will be equipped with a CTD to create a time series of deep temperature and salinity. To identify the dominant factors that govern Prince William Sound/Gulf of Alaska exchange, the mooring velocity and deep temperature/salinity time series will be combined with meteorological and physical data collected under other research programs already in progress.

02601-BAA	GEM Transition: Addressing Methodological Data Gaps	T. Kline/ PWSSC	NOAA	New 1st yr., 2 yr. project		$189.5	$85.0

Recent research using natural stable isotope abundance has shown that the advective regime connecting the northern Gulf of Alaksa with Prince William Sound may affect recruitment and nutritional processes in fish. Prince William Sound isotope data has also been used to measure relative trophic level. The trophic levels of landed fish appear to undergo long-term systematic shifts. Accordingly, GEM will need to use stable isotope abundance to address the effects of advective processes and anthropogenic trophic level effects on fish and other ecosystem components as part of long-term monitoring studies. However, there are presently data gaps in the stable isotope methodology that can be addressed within the next year using GLOBEC and OSRI sampling platforms. This study will (1) address inter-species isotope effects among macro-zooplankton taxa and (2) develop non-lethal isotope sampling for fishes.

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Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY02 Expected	FY02 Request	FY 03 Request
02603	Implementation of an Ocean Circulation Model: A Transition from SEA to GEM	J. Wang/UAF	ADFG	New 1st yr., 1 yr. project		$73.2	$0.0
	This project will establish a 3-D ocean circulation model in the Gulf of Alaska to lay down a foundation for GEM in order to couple this model to a hydrological model and a biological model. This model will cover the entire gulf, including Prince William Sound and Cook Inlet. The horizontal resolution of this model is 4'x2' minutes (about 3.7km at 60"N). This model will be forced by tides, the Alaska Current inflow/outflow, freshwater discharge, and wind stress derived from the National Center for Environmental Prediction.						
02617	Standing Stock and Secondary Production of Zooplankton in Prince William Sound	R. Hopcroft, K. Coyle/UAF	ADFG	New 1st yr., 1 yr. project		$86.0	$0.0
	Understanding the seasonal cycles and inter-annual variability of zooplankton is essential for understanding the success of higher vertebrate trophic levels. Systematic sampling of the zooplankton in central waters of Prince William Sound was discontinued in 1997 with the completion of the SEA project (/320) and although the Gulf of Alaska GLOBEC program began in that same year, its sampling techniques are not comparable to the SEA and earlier data sets. This project will set the stage for GEM activities by enhancing current sampling within the GLOBEC program to allow direct comparison to earlier data sets, and integrate this with detailed analysis of recent nearshore zooplankton collected by Prince William Sound Aquaculture Corporation hatcheries.						
Sockeye Salmon						$102.8	$0.0
02649	Reconstructing Sockeye Populations in the Gulf of Alaska over the Last Several Thousand Years	D. Finney/UAF	ADFG	New 1st yr., 1 yr. project		$102.8	$0.0
	This project will reconstruct the last 2,000 years of changes in sockeye salmon abundance in Eshamy Lake (Prince William Sound) and Upper Russian Lake (Kenai River watershed) by analyzing ^{15}N in lake sediments. This new data will be synthesized with ongoing studies at Karluk Lake (Kodiak Island). The research question is: What is the normal variability in sockeye salmon populations in the Gulf of Alaska? This research will contribute to development of the GEM program by providing a historical perspective on present conditions and by developing new hypotheses about the climatic causes of population fluctuations in Gulf of Alaska salmon.						
Cutthroat Trout, Dolly Varden, and Other Fish					$0.0	$133.8	$0.0
02396	Alaska Salmon Shark Assessment	J. Rice, L. Hulbert/NOAA	NOAA	Cont'd 3rd yr., 2 yr. project	$0.0	$29.2	$0.0
	This project will fund a closeout year of data analysis and manuscript preparation for this two year study of salmon sharks in Prince William Sound. Funding will cover analysis and final write-up of (a) data transmitted from satellite tags deployed on salmon sharks that will be scheduled to transmit during winter and spring of 2002, (b) data transmitted from satellite tags deployed on salmon sharks that will transmit when sharks frequent surface waters during summer, and (c) stomach samples collected during 2001 field sampling and pre-arranged stomach sample collections from the Copper River gillnet fleet and the Prince William Sound salmon seine fleet during the 2001 commercial fishing season. The funding will also cover FY 02 Argos time, NOAA Joint Tariff Agreement costs for satellite tag data recovery, and contracted data analysis. The final report will describe salmon shark movements, habitat utilization, regional fidelity, and diet composition from data collected during the project.						

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY02 Expected	FY02 Request	FY 03 Request
02404	Testing Archival Tag Technology in Alaska Salmon	J. Nielsen/USGS-BRD	DOI	Cont'd 2nd yr., 2 yr. project		$104.6	

Archive tags with temperature and light-geolocation sensors will be monitored for post-smolt coho salmon in Cook Inlet. Light/location relationships specific to the Gulf of Alaska developed under Project 00478 will be applied in this study of movement and migration paths for coho salmon during maturation in ocean environments in Cook Inlet. Salmon for this study will be reared in captivity (at the Alaska Department of Fish and Game hatchery at Fort Richardson) to 1+ year of age (200-250mm) and released in Cook Inlet as part of the department's Ship Creek sport-fishing hatchery release. FY 01 includes pilot studies of tag retention, behavior, and growth for coho in captivity. Ship Creek coho will be tagged mid-May. A spring release experiment in the first year will be contingent on the successful implementation and retention of these tags. Surveys for early jack recoveries will be done at the Ship Creek weir and among sport fishers. Monitoring for adult tag recoveries will be done in the coho commercial fishery in Cook Inlet and the derby sport fishery on Ship Creek. Archive tagged fish will be used to document coho salmon use of marine habitats, migration routes, contribution to the sport fishery, and hatchery/wild interactions for salmon in Cook Inlet.

Marine Mammals					$153.4	$358.5	$102.0
02012-BAA	Photographic and Acoustic Monitoring of Killer Whales in Prince William Sound and Kenai Fjords	C. Matkin/North Gulf Oceanic Society	NOAA	Cont'd 10th yr.		$79.7	$74.9

This project will continue the monitoring of the damaged AB resident pod and the potentially endangered AT1 transient population as well other Prince William Sound/Kenai Fjords killer whales. Monitoring has occurred on a yearly basis since 1984. Methods include the photo-identification of individual whales and acoustic monitoring with remote and vessel-based hydrophone systems. The project continues interpretation of current and previous data as well as data collected with other funds.

02245	Community-Based Harbor Seal Management and Biological Sampling	V. Vanek/ADFG, M. Riedel/Alaska Native Harbor Seal Commission	ADFG	Cont'd 9th yr., 9 yr. project	$25.0	$26.8	$0.0

Under this project, village-based technicians are selected by the Alaska Native Harbor Seal Commission and trained by the Alaska Department of Fish and Game to collect biological samples from harbor seals. The samples are transported to Anchorage or Kodiak for further sampling and distribution to participating scientists for analysis and the University of Alaska museum for archiving. In FY 02, the sample collection program in Prince William Sound, lower Cook Inlet, around Kodiak Island, and along the Alaska Peninsula will continue. The Alaska Native Harbor Seal Commission will produce and distribute a newsletter with summaries of the biological sampling program. FY 02 is the close out year for this project.

02441-BAA	Harbor Seal Recovery: Effects of Diet on Lipid Metabolism and Health: Manuscript Preparation	R. Davis/Texas A&M	ADFG	Cont'd 4th yr., 4 yr. project	$0.0	$68.1	$0.0

This project will complete the analysis of samples that were taken by this project in earlier years, but that could not be completed due to a shortage of funds available to the Trustee Council in FY 01. In addition, a final report and five manuscripts will be prepared. The results will provide a better understanding of the nutritional role of lipid and how it changes with diet in harbor seals. Analysis of the remaining samples is needed to resolve the temporal scale of changes in fatty acid composition under different diets, and will allow better interpretation of field data for wild harbor seals.

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Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY02 Expected	FY02 Request	FY 03 Request
02546	Assessing Harbor Seals: Methods to Identify Metabolic Responses to Environmental Change	M. Castellini/UAF	ADFG	New 1st yr., 1 yr. project		$50.4	$0.0
	This project will provide final design and sensitivity testing for a sampling scheme and software approach to monitoring population-wide health patterns in harbor seals. Much like the concept of genetic fingerprinting, this method uses a novel blood chemistry fingerprinting technique that can easily separate sub-populations of animals based on a suite of 20-30 blood chemistry values. The proposers termed this method "Metabolic Identity" and intend to use it as the core of a long-running GEM proposal. The FY 02 project will conduct the pre-development testing of the method and test its strength and robustness.						
02558	Harbor Seal Recovery: Application of New Technologies for Monitoring Health	S. Atkinson/UAF	ADFG	Cont'd 2nd yr., 3 yr. project	$128.4	$133.5	$27.1
	This project will investigate the potential for new technologies to assess and monitor the endocrine and immune systems as diagnostic measures of the health of harbor seals. Analysis of thyroxine (T_4), triiodothyronine (T_3), and cortisol (primary metabolic and gluconeogenic hormones), and measurement of immunoglobulins (IgG, IgM, and IgA) and the body burden of organochlorine contaminants will provide an assessment of both permanently captive seals as well as seals that are brought into the Alaska SeaLife Center for rehabilitation. Once the profiles of healthy seals and those failing to thrive in their natural environment are assessed, these techniques will be evaluated for routine monitoring of free-ranging seals in an effort to restore this species. [Note: Alaska SeaLife Center bench fees will need to be added to this project.]						
Nearshore Ecosystem					$130.0	$2,420.2	$609.0
02290	Hydrocarbon Database and Interpretation Service	J. Short, B. Nelson/NOAA	NOAA	Cont'd 11th yr.	$35.0	$35.0	$35.0
	This ongoing project provides data and sample archiving services for all samples collected for hydrocarbon analysis in support of Trustee Council projects. These data represent samples collected since the oil spill in 1989 to the present and include environmental and laboratory National Resource Damage Assessment and restoration data. Additionally, this project provides interpretive services for hydrocarbon analysis, public releases of the hydrocarbon and pristane databases, and storage and maintenance of the hydrocarbon sample archives. [Note: The principal investigator has proposed that this project be continued indefinitely.]						
02395	Planning for Long-Term Monitoring in the Nearshore: Designing Studies to Detect Change and Assess Cause	T. Dean/Coastal Resources Associates, et al	DOI	New 1st yr., 2 yr. project		$92.0	
	This project will produce a draft nearshore monitoring plan that provides a framework for future monitoring that is practical, sensitive , and cost-effective. The process to be used in creating this plan will be to formulate hypotheses with respect to potential changes to the nearshore environment, identify questions that must be answered before a design can be developed to address these hypotheses, answer design questions by analyzing existing data or conducting directed field studies, and conduct cost-benefit analyses to identify the most powerful monitoring that can be incorporated into GEM. Workshops will be held during the course of plan development to seek input from the Trustee Council and stakeholders.						

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY02 Expected	FY02 Request	FY 03 Request
02407	Harlequin Duck Population Dynamics	D. Rosenberg/ADFG	ADFG	Cont'd 3rd yr., 4 yr. project		$68.7	$43.0

Harlequin duck populations have not recovered from the effects of the oil spill. Populations are declining in oiled areas of Prince William Sound while increasing in unoiled areas. This project will conduct late-winter boat surveys to assess the recovery of ducks inhabiting oiled areas. Population structure, abundance, and recruitment will be compared between oiled and unoiled areas in Prince William Sound to assess trends, population dynamics, and the progress of recovery. The surveys will also help identify changes to the Gulf of Alaska ecosystem and improve the ability to differentiate between natural and man-caused population changes. FY 02 will be the final year of field-work for the project.

02423	Patterns and Processes of Population Change in Selected Nearshore Vertebrate Predators	J. Bodkin, D. Esler/USGS-BRD, T. Dean/CRA, Inc.	DOI	Cont'd 4th yr., 5 yr. project		$361.6	$250.0

Sea otters and harlequin ducks have not fully recovered from the oil spill. This project will explore links between oil exposure and the lack of population recovery, with the intent of understanding constraints to recovery of these species and the nearshore environment. In FY 02, sea otter work will include aerial surveys of distribution and abundance, estimates of age-specific survival rates, and examination of spatial and temporal patterns of change in abundance in relation to prey production. Harlequin duck field studies will examine the relationship between survival and CYP1A. Captive experiments on harlequin ducks will examine the relationships between oil exposure and CYP1A induction, and metabolic and behavioral consequences of exposure. [Note: Alaska SeaLife Center bench fees will need to be added to this project.]

02486-BAA	Links Between Persistent Oil in Mussel Beds and Predators	S. Rice/NOAA, T. Dean/Coastal Resources Associates, S. Jewett/UAF	NOAA	New 1st yr., 2 yr. project		$170.8	$130.0

Links between oil-contaminated mussel beds and impacts on infauna and vertebrate predators have been inferred, but have not been definitively demonstrated. Significant oil concentrations in some mussel beds have persisted to present, much longer that originally expected, and may explain contemporary observations of vertebrate predator exposure to oil. The possibility that oiled beds are long-term sources of vertebrate contamination was unanticipated, and has implications for future monitoring and response decisions in the event of future spills. In a more holistic approach that in the past, this project will examine evidence for links between persistence of *Exxon Valdez* oil in mussel beds, infauna, and in nearshore vertebrate predators.

02532	Coupling of Oceanic and Nearshore: The Search for Indicator Species	G. Irvine/USGS	DOI	New 1st yr., 1 yr. project		$121.3	$0.0

This project will (a) identify nearshore species whose abundances are coupled with low-frequency dynamic processes (e.g., regime shifts) occurring in the oceanic realm, and that could serve as sentinels of change for GEM, (b) examine other types of trends occurring for nearshore species with historical records (e.g., longer-term decline, increases, etc.), and (c) propose mechanisms that could be responsible for cyclical or directional changes in species abundances, thereby identifying processes that could also be monitored.

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Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY02 Expected	FY02 Request	FY 03 Request
02543	Evaluation of Oil Remaining in the Intertidal from the *Exxon Valdez* Oil Spill	J. Short/NOAA	NOAA	Cont'd 2nd yr., 2 yr. project	$95.0	$113.1	$0.0
	This project will assess the amount of oil remaining from the oil spill on shorelines within Prince William Sound in FY 01. A stratified random sample of shoreline will be intensively sampled for surface and subsurface oil to estimate length of oiled shoreline, area and volume of oiled sediment, and volume of oil. Approximately 8 km will be sampled by digging about 8,000 pits to discover and quantify subsurface oil. In FY 02, Phase III of this project will be devoted to data and chemical analysis, preparation of a final report, and journal publications. No fieldwork is proposed for FY 02.						
02556	Mapping Marine Habitats: The First Step in a Spatially Nested Monitoring Program	C. Schoch/Kachemak Bay Research Reserve	ADFG	New 1st yr., 1 yr. project		$50.0	$0.0
	Groups, individuals, and programs as diverse as natural resource agencies, local governments, researchers, conservation advocates in Cook Inlet and Kachemak Bay, and GEM can benefit from a comprehensive, high resolution database of shoreline and nearshore habitats, and from information on the physical changes seen through time. At present, no such detailed database or monitoring program exists within the Gulf of Alaska. This project will use a method adopted along the US west coast to gather such habitat information in a cost-effective yet detailed manner. The method relies on a nested hierarchical nearshore classification based on the physics of the environment to select replicate shore sites for monitoring algal and invertebrate diversity.						
02565	Bottom-Up vs. Top Down: What Forces Control Variability in Kachemak Bay?	C. Schoch/Kachemak Bay Research Reserve	ADFG	New 1st yr., 1 yr. project		$49.9	$0.0
	This project will establish intertidal and subtidal transects on rocky and sediment shores in Kachemak Bay and will study the relationship between bottom-up controls (current patterns, nutrient concentrations, phytoplankton distributions) and the spatial patterns of adult populations and their larvae over time. The primary goal is to understand the interaction of the nearshore oceanographic environment with coastal marine communities in the Gulf of Alaska. The project will partner with existing research and monitoring programs funded by the National Oceanic and Atmospheric Administration in Kachemak Bay and will adopt protocols developed by PISCO.						
02569	Linked Monitoring Network for the Gulf of Alaska: A Workshop	C. Schoch/Kachemak Bay Research Reserve, G. Eckert/UAS	ADFG	New 1st yr., 1 yr. project		$15.3	$0.0
	There are excellent research models such as PICES and PISCO in the Lower 48 that integrate oceanographic and shoreline components to study the effects of oceanic regime shifts on recruitment and growth of intertidal and shallow subtidal organisms. However, no such program exists in Alaska. This project will convene a workshop to bring together researchers from across the Gulf of Alaska region and the U.S. west coast to develop a coordinated research program for research and monitoring the neashore ocean of the North Pacific. A network of local research organizations acting in concert to adopt standardized protocols to address research questions at multiple spatial scales is envisioned.						
02574-BAA	Assessment of Bivalve Recovery on Treated Mixed-Soft Beaches in Prince William Sound	D. Lees/Littoral Ecological & Environmental Services	NOAA	New 1st yr., 2 yr. project		$94.8	$35.3
	Studies from 1989 through 1997 suggest that bivalve assemblages on beaches in Prince William Sound with high-pressure hot-water washing remain severely damaged in terms of species composition and function. This project will assess the generality of this apparent injury to these assemblages. A finding that our conclusions are accurate will indicate that a considerable proportion of mixed-soft beaches in treated areas of the sound remains extremely disturbed and that these beaches are functionally impaired in terms of their ability to support foraging by damaged nearshore vertebrate predators such as sea otters and harlequin ducks. The study will also provide insight into the need for remediation of beaches to restore biodiversity and function on these assemblages.						

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY02 Expected	FY02 Request	FY 03 Request
02578	The Marine Macrofauna of Prince William Sound: An Annotated List	N. Foster, H. Feder	NOAA	New 1st yr., 1 yr. project		$38.3	$0.0

Data sets that present basic taxonomic and biogeographic information at the species level for 1,645 animal species form Prince William Sound have been compiled as part of research on potential introductions of nonindigenous species. This project will make this important information available to a wider group of users, including EVOS stakeholders.

02589-BAA	PWSRCAC - EVOS Long Term Environmental Monitoring Program	J. Devens/ PWSRCAC	NOAA	New 1st yr.		$233.3	

This project will provide essential long-term baseline measurements of hydrocarbon levels and sourecs at program sites within areas of Prince William Sound, Kenai Peninsula, Kodiak, and Gulf of Alaska. The objective is to provide a more comprehensive program for the collection of baseline data in subtidal sediments and mussel tissue that can be used to determine impacts of oil sources on the ecosystem. This project 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.

02593	River Otters and Fishes in the Nearshore Environment: A Synthesis	S. Jewett/UAF	ADFG	New 1st yr., 2 yr. project		$143.6	$33.1

This project will integrate data collected on river otters and fishes in Prince William Sound, through efforts of the NVP (/025), APEX (/163), and SEA (/320) projects. Social organization and population dynamics of river otters, specialized fish-predators, are dependent on abundance and availability of fishes. This project will test the dependence of sociality in river otters on the availability of schooling fishes and the contribution of intertidal/demersal fishes to the diet of solitary otters, and synthesize the data on the effects of fish distributions on otter sociality with that on the effects of social communication of otters on nutrient transports from sea to beach-fringe forests.

02608	Permanent Archiving of Specimens Collected in Nearshore and Deep Benthic Habitats	N. Foster/UAF	ADFG	New 1st yr., 1 yr. project		$111.8	$0.0

This project will support acquisition and archiving of marine invertebrate specimens collected as part of EVOS assessment studies in Prince William Sound and environmental monitoring in Port Valdez between 1990 and 1995. Specimens represent a time series of samples from eelgrass habitats, kelp forest habitats, and deep benthic communities. As a result of these efforts, there will be an improved set of baseline data for the marine biota of Prince William Sound.

02639	Field Experiments for Testing Spill-Impacts Hypotheses from Long-Term Monitoring	G. Shigenaka/NOAA HAZMAT	NOAA	New 1st yr., 1 yr. project		$71.5	$0.0

NOAA initiated two intertidal experiments in 2000 to test hypotheses concerning long-term effects of oil spill cleanup. The first experiment, located in Kasitsna Bay, tests the hypothesis that aggressive shoreline cleanup has caused unnatural long-term cycling in rocky intertidal communities, Fucus in particular. The second experiment, in lower Herring Bay, tests the hypothesis that shoreline washing on oiled beaches physically alters grain size structure to the extent that biological recovery has been delayed and infaunal communities are fundamentally altered. Although both of these experiments were begun under NOAA's long-term monitoring program, that program has ended. This project will permit annual sampling and data collection while transitioning the Kasitsna Bay project to the Kachemak Bay National Estuarine Research Reserve and the lower Herring Bay project to alternative funding support in 2003.

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Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY02 Expected	FY02 Request	FY 03 Request
02644	Molecular Biomarkers as a New Technique for Assessing Physiological Contaminant Stress	G. Shigenaka/NOAA HAZMAT	NOAA	New 1st yr., 1 yr. project		$114.1	$0.0
	This project has two primary objectives: first, a targeted evaluation/validation of new monitoring technology (based on the measurement of a series of molecular biomarkers) to assess extent and source of biological stress; and second, the linking of stress in mussels inhabiting small boat harbor areas in Prince William Sound and lower Cook Inlet to contaminant type (i.e., fuel oils or antifouling paint components). The monitoring tool has the potential for application beyond this specific setting (and particularly as a transitional bridge to GEM), but the work as proposed will provide useful information on the biological status of mussels residing in six small boat harbors in Prince William Sound and lower Cook Inlet.						
02646-BAA	Information Dissemination through the Web: Developing an Interactive Database on Southcentral Alaskan Seaweeds	M. Stekoll/UAS	NOAA	New 1st yr., 3 yr. project		$58.0	$37.5
	The macrobenthic marine algae or seaweeds are an integral component of Alaska's nearshore ecosystem. They are the base of the food chain for many marine animals and have long been used as part of the diet of indigenous peoples. Surprisingly, the correct identification of most algal species is still elusive to many people. In order to begin to overcome this problem, this project will produce a Web-based database of algal images and distributions that will facilitate species identifications. With this as a reference, the project will query Alaska Native communities for information on the traditional uses of the species and add this data to the final product. The website will develop incrementally as species are added and comments from users are incorporated. [Note: This project also requested $26.9 for FY 04.]						
02652	Links Between Persistent Oil in Mussel Beds and Predators	S. Rice/NOAA, T. Dean/Coastal Resources Associates, S. Jewett/ UAF	NOAA	New 1st yr., 2 yr. project		$51.1	$27.1
	Links between oil-contaminated mussel beds and impacts on infauna and vertebrate predators have been inferred, but have not been definitively demonstrated. Significant oil concentrations in some mussel beds have persisted to present, much longer than originally expected, and may explain contemporary observations of vertebrate predator exposure to oil. The possibility that oiled beds are long-term sources of vertebrate contamination was unanticipated and has implications for future monitoring and response decisions in the event of future spills. In a more holistic approach than in the past, this project will examine evidence for links between persistence of *Exxon Valdez* oil in mussel beds, infauna, and in nearshore vertebrate predators.						
02656	Retrospective Analysis of Nearshore Marine Communities Based on Analysis of Archaeological Material and Isotopes	G. Irvine/USGS, J. Schaaf/NPS	DOI	New 1st yr., 2 yr. project		$98.6	$18.0
	This project will investigate long-term (6,300 year) patterns of productivity and relative species abundances in nearshore, intertidal communities via retrospective analyses. These analyses will focus on excavated midden remains of very rich, well-dated archaeological sites along the Katmai National Park and Preserve coast. Changes in nearshore marine communities will be assessed through examination of relative species abundances, size-frequency analysis, and other indicators of habitat changes. Isotopic analysis of shells will provided an assessment of long-term productivity patterns in the nearshore marine environment as related to major periods of climate change.						

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY02 Expected	FY02 Request	FY 03 Request
02657	Analysis of Genomic Stress Response in Sea Otters	C. Mohr, J. Stott/UC Davis, B. Ballachey/USGS	DOI	New 1st yr., 1 yr. project		$43.5	$0.0

In summer 2001, as part of Project 01423, sea otters will be captured in oiled and unoiled areas of Prince William Sound for assessment of CYP1A levels. This project will complement Project 01423, by applying novel, highly sensitive molecular techniques for the measurement of health status, toxicant exposure, and metabolic processes in the sea otter. The project will characterize and compare the genomic stress response in peripheral blood mononuclear cells by examining the differential expression of a suite of key genes that are indicators of immunological, cellular, and metabolic responses to stress. The results of the study will enhance understanding of the status of recovery of sea otters in western Prince William Sound, and physiological factors that may be involved in constraining recovery.

02662	Natural Life Restoration by Manulipitation	J. Rusher/Rusher's Services	ADEC	New 1st yr., 1 yr. project		$103.0	$0.0

This project will place bait in pits of beaches and sensitive areas where weathered oil may remain. Quality control testing of the bait would be done to tell if weathered oil is in the process of degrading by the movement of worms in the beach. The toxicity of weathered oil will also be identified. This bait manulipitation of worms could accelerate the degradation of oil.

02663	"Watchdog Tool" for Sampling and Monitoring	J. Rusher/Rusher's Services	ADEC	New 1st yr., 1 yr. project		$180.9	$0.0

A sampling tool called the "Watchdog Tool" will be placed on surface or pits of beaches and sensitive areas where weathered oil may be leaching out. Quality control testing of the "Watchdog Tool" will be done to tell if weathered oil is leaching out or coming in from subtidal areas. This project will also identify the toxicity of weathered oil.

Seabird/Forage Fish and Related Projects					$109.0	$940.6	$297.2
02144	Common Murre Population Monitoring	D. Roseneau/USFWS	DOI	Cont'd 7th yr., 7 yr. project	$14.0	$14.8	$0.0

FY 02 will provide close-out funds for this project, which will census the Chiswell Islands murre colonies during the FY 01 field season. The close-out work will consist of analyzing the data collected during FY 01 and comparing these results with previous postspill population counts, running a power analysis using these and other murre population count data (e.g., from the Barren Islands), and writing a final report discussing the recovery status of murres at this injured nesting location and in the spill area.

02159	Surveys to Monitor Marine Bird Abundance in Prince William Sound During Winter and Summer 2002	D. Irons/USFWS	DOI	Cont'd 9th yr.		$194.1	$25.0

This project will conduct small boat surveys to monitor abundance of marine birds and sea otters in Prince William Sound during March and July 2002. Seven previous surveys have monitored population trends for 65 bird and 8 marine mammal species in the sound. Data collected in 2002 will be used to examine trends from summer 1989-2002 and winter 1990-2002. Data collected in 2000 indicate that bald eagles are increasing in winter and summer throughout the sound, harlequin ducks are increasing in the oiled area in winter, and black oystercatchers are increasing thoughout the sound in summer. Common loons, cormorants, and common murres are showing no trend in the oiled area; pigeon guillemots and marbled murrelets are declining in the oiled areas of the sound and Kittlitz's murrelet is declining throughout the sound. Results of these surveys through 1998 have been published by Irons et al. (2000) and Lance et al. (2001). [Note: This project also requested $25,000 for FY 04.]

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Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY02 Expected	FY02 Request	FY 03 Request
02163-BAA	Alaska Predator Ecosystem Experiment in Prince William Sound and the Gulf of Alaska (APEX)	D. Duffy/Paumanok Solutions	NOAA	Cont'd 9th yr., 9 yr. project	$20.0	$31.1	$0.0
This project will fund a third closeout year for Project /163, which used seabirds as probes of the trophic (foraging) environment of Prince William Sound and Cook Inlet, comparing their reproductive and foraging biologies, including diet. These measurements were compared with hydroacoustic, aerial, and net sampling of fish to calibrate seabird performance with fish distribution and abundance. This allowed a determination that food played a major role in limiting the recovery of seabirds from the oil spill. In FY 02, the project leader will prepare a semi-popular account of the results and implications of the project.							
02163M	Numerical and Functional Response of Seabirds to Fluctuations in Forage Fish Density	J. Piatt/USGS	DOI	Cont'd 9th yr., 9 yr. project	$0.0	$82.5	$0.0
This project will fund preparation of synthesis manuscripts for this component of the APEX project. The main field program occurred in 1995-1999, with collection of data on seabird survival and stress continuing in 2000-2001. The work involved at-sea surveys for forage fish and seabirds and some characterization of oceanography, while measuring aspects of seabird breeding biology and foraging behavior at adjacent colonies.							
02434	Design of a Video System for Remotely Monitoring Seabirds at East Amatuli Island	A. Kettle/USFWS	DOI	New 1st yr., 2 yr. project		$4.3	$1.1
During the 1990's, rough seas at East Amatuli Island have occasionally blocked access to cliff plots where seabird breeding and population size data are collected; it is possible that in the future weather patterns could compromise datasets. Recently developed technology makes it possible to transmit video images of the cliff plots to the East Amatuli field camp. This could augment field observations and allow safe data collection to continue through periods of rough seas. This project will design requirements for such a system, research and price available components, and determine the price for contractual system design and assembly.							
02479	Effects of Food Stress on Survival and Reproductive Performance of Seabirds	J. Piatt/USGS-BRD, A. Kitaysky/Univ. of Washington	DOI	Cont'd 4th yr., 4 yr. project	$75.0	$75.0	$0.0
Traditional field methods of assessing effects of fluctuations in food supply on the survival and reproductive performance of seabirds may give equivocal results. This project will apply an additional tool -- the measure of stress hormones in free-ranging seabirds. Food stress can be quantified by measuring base levels of stress hormones such as corticosterone in the blood of seabirds, or the rise in blood levels of corticosterone in response to a standardized stressor -- capture, handling and restraint. These techniques will be applied to seabirds breeding in lower Cook Inlet and captive birds will be used for controlled experiments. This project provides a unique opportunity for a concurrent field and captive study of stress in seabirds.							
02561	Evaluating the Feasibility of Developing a Community- Based Forage Fish Sampling Project for GEM	D. Roseneau/USFWS	DOI	New 1st yr., 2 yr. project		$54.3	$11.6
This project is based on the recently completed APEX project's 5-year pilot study that used stomach contents from sport-caught halibut to sample forage fish populations. The project will monitor long-term trends in forage fish populations in several regions of the spill area during GEM. The project will provide information to help assess and understand the types and levels of community participation that may be available for long-term forage fish monitoring studies. Also, if project results are favorable, the information can be used to begin designing cost-effective, community-based forage fish monitoring studies to track long-term trends in capelin and sand lance stocks in the Kachemak Bay/lower Cook Inlet, Resurrection Bay, Kodiak Island, and Prince William Sound regions.							

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY02 Expected	FY02 Request	FY 03 Request
02634	Expanding the Seabird Tissue Archival and Monitoring Project (STAMP) Program for GEM	D. Roseneau/USFWS, G. York/BRD, P. Becker/NIST	DOI	New 1st yr., 1 yr. project		$54.9	$0.0

This project will lay the ground work for expanding the Seabird Tissue Archival and Monitoring Project (STAMP) in the spill area. The project will include developing local community networks for collecting samples for the project, adding more seabird colony locations and species to the existing STAMP program, developing logistical plans for expanding STAMP in the Gulf of Alaska, and completing analytical work on existing samples to provide a database that will be used to design a long-term monitoring plan for GEM.

02659	Preparation and Publication of Results from SEA and NVP Avian Predation Studies	M. Bishop/ PWSSC	NOAA	New 1st yr., 1 yr. project		$29.7	$0.0

This project will prepare (a) two manuscripts based on the work from the Avian Predation on Herring Spawn study (Project /320) and (b) one manuscript based on the work from the Avian Predation on Blue Mussels study (Project /025). The three manuscripts will be submitted to peer reviewed journals for publication. One publication on avian consumption of herring spawn is currently in press in *Fisheries Oceanography.*

02664	Retrospective Analysis of 30 Years of Seabird Distribution and Diet Data	J. Piatt/USGS	DOI	New 1st yr., 3 yr. project		$287.6	$230.0

Seabirds are excellent indicators of change in the marine environment. An enormous amount of data on the abundance, distribution and dietary habitats of seabirds in Alaska have been gathered at great expense over the past 30 years, but most of it has not been analyzed beyond the scale at which it was gathered. This project will compile some historical seabird data sets and create accessible data archives as a tool for assessing past and future human impacts on seabirds populations, a foundation for future studies, and to test some basic hypotheses about the effects of regime shifts on diet and distribution of seabirds in Alaska. [Note: This project also requested funding ($120,000) for FY 04.]

02673	Continuing Decline of Pigeon Guillemots in the Oiled Portion of Prince William Sound	D. Irons/USFWS, D. Roby/OSU	DOI	New 1st yr., 5 yr. project		$28.7	$29.5

Pigeon guillemots have declined 56% in Prince William Sound since the *Exxon Valdez* oil spill. This is compounded on a 73% decline from 1972 to 1989. Taken together pigeon guillemots have declined 88% since 1972, and the decline is continuing. This project will investigate factors that are causing the continued decline of guillemots in Prince William Sound. From previous work we suspect one or more of three major factors are causing the decline: reduced prey base, increased predation, or continuing oil effects. The first year the study will focus on food and predation, as analyses for oil effects is more expensive. [Note: This project also requested funding for FY 04 ($30,500), FY 05 ($31,500), and FY 06 ($32,500).]

02674-BAA	Assessing Pigeon Guillemot Restoration Techniques and Feathers as Biomonitors	J. French/Pegasus Enterprises, G. Divoky/UAF	NOAA	New 1st yr., 2 yr. project		$83.6	

This project will (a) monitor pigeon guillemot restoration projects initiated between 1998-2000 and (b) conduct a preliminary examination of the utility of guillemot feathers as indicators of ecosystem variability and contamination. Censuses of Resurrection Bay to determine survivorship of birds fledged form the Alaska SeaLife Center will be conducted and the occupancy and success of artificial nest sites erected in the Gulf of Alaska will be monitored. Established man-made colonies in the gulf will be visited to assess the reason for their attractiveness to guillemots. Temporal and geographical variation in the structure and contamination of the gulf food web will be examined through isotopic and trace metal analysis of recently collected pigeon guillemot feathers.

INDEX OF PROPOSALS BY RESOURCE CLUSTER -- FY 02

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY02 Expected	FY02 Request	FY 03 Request
Archaeological Resources					$29.1	$29.1	
02154	Archaeological Repository, Display Facilities, and Exhibits for Prince William Sound and Lower Cook Inlet	J. Bittner/ADNR	ADNR	Cont'd	$29.1	$29.1	

In January 1999, the Trustee Council authorized $2.8 million for a grant to Chugachmiut, Inc. to develop an archaeological repository for Prince William Sound and lower Cook Inlet, local display areas in seven communities in those regions, and traveling exhibits to display in the local facilities. The resolution also states the Council's intent to provide a reasonable amount of funding for project management and agency general administration (GA). This project will provide project management and GA funds for FY 02. [Detailed Project Description and budget not yet provided; expected FY 02 cost is $29,100.]

Subsistence					$419.1	$1,468.7	$772.1
02052	Community Involvement Planning for GEM	P. Brown- Schwalenberg/CRRC	ADFG	Cont'd 8th yr., 8 yr. project	$180.0	$241.2	$0.0

In FY 02, this project will continue to actively involve residents of Tatitlek, Chenega Bay, Port Graham, Nanwalek, Cordova/Eyak, Seward/Qutekcak, Seldovia, Valdez, Kodiak Island Region/Ouzinkie, and the Alaska Peninsula Region/Chignik Lake in the restoration program through a network of local facilitators. In addition, the project will work to address the future of community involvement with regard to the Gulf Ecosystem Monitoring (GEM) program. In FY 02, the project will focus on three objectives: (a) designing a community based research and monitoring program, (b) identifying specific research and monitoring activities that fit within the GEM program, and (c) developing possible pilot projects for FY 03.

02210	Youth Area Watch	R. DeLorenzo/Chugach School District	ADFG	Cont'd 7th yr., 7 yr. project	$96.3	$96.8	$0.0

This project links students in the oil spill impacted area with research and monitoring projects funded by the Trustee Council. The project involves students in the restoration process and provides these individuals the skills to participate in restoration now and in the future. Youth conduct research identified and delegated by principal investigators who have indicated interest in working with students. Youth Area Watch fosters long-term commitment to the goals set out in the restoration plan and is a positive community investment in that process. Participating communities in FY 02 will be Tatitlek, Chenega Bay, Cordova, Nanwalek, Port Graham, Seldovia, Seward, Valdez, and Whittier.

02247	Kametolook River Coho Salmon Subsistence Project	J. McCullough, L. Scarbrough/ADFG	ADFG	Cont'd 6th yr., 6 yr. project	$28.0	$34.0	$0.0

Subsistence users from the Alaska Peninsula Native Village of Perryville have noted significant declines in the coho salmon run in the nearby Kametolook River since the oil spill. Criminal settlement funds were used in FY 96 to determine what method would best restore the river's coho salmon stock to historic levels. This project will provide funding through FY 02 for the Alaska Department of Fish and Game to try conservative and safe restoration methods. In 1997, two instream incubation boxes were installed in the upper reach of the Kametolook River. In 1998, 1999, and 2000 holding pens were also used. Due to continual low escapement of coho into the Kametolook River system, the project will be unable to achieve the goal of restoration within two life cycles of the fish. In FY 01, the project will expand to investigate nearby coho stocks as potential brood sources for rehabilitation of the Kametolook coho run.

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY02 Expected	FY02 Request	FY 03 Request
02256B	Sockeye Salmon Stocking at Solf Lake	D. Gillikin/USFS	USFS	Cont'd 7th yr., 7 yr. project	$20.0	$20.0	$4.5

This project will benefit subsistence users of western Prince William Sound. There are two phases to the project. Phase 1, which began in FY 96, verified the ability of Solf Lake to support a sustainable population of sockeye salmon. Phase 2 included stocking the lake with approximately 100,000 sockeye salmon fry, then ensuring access to the lake for returning adult salmon. The stocking program began in 1998 along with modification to the two outlets to control water levels. The reconstruction of the fishway in the eastern channel was completed in the summer of 2000. Returning adult salmon to Solf Lake will be monitored starting in 2001 to evaluate the improvements. [Note: This project, originally scheduled to closeout in FY 02, is now requesting funds in FY 03 ($4,500).]

02333	Sea Otter Monitoring	B. Henrichs/Native Village of Eyak	DOI	New 1st yr., 5 yr. project		$100.0	$100.0

The sea otters in Orca Inlet have been dying and washing up on the beaches the past few years. The problem is getting worse. We know the cause. We need to do some monitoring to find a way to prevent these needless deaths. [Note: This proposal was submitted as an idea; if recommended for funding, a Detailed Project Description and budget will need to be prepared. Funding ($100,000 each year) has also been requested for FY 04, FY 05, and FY 06.]

02372	Steller Sea Lion Monitoring	B. Henrichs/Native Village of Eyak	DOI	New 1st yr., 5 yr. project		$250.0	$250.0

Steller sea lions are on the decline and have been placed on the endangered list. If this trend continues, subsistence fishing for salmon, herring and other marine life will be curtailed and some traditional areas may be closed. We need to monitor the interaction between the Steller sea lion and the fishing fleets. This proposal would fund this interaction. [Note: This proposal was submitted as an idea; if recommended for funding, a Detailed Project Description and budget will need to be prepared. Funding ($250,000 each year) has also been requested for FY 04, FY 05, and FY 06.]

02401	Assessment of Spot Shrimp Abundance in Prince William Sound	C. Hughey/ Valdez Native Tribe, C. O'Clair/ NOAA	NOAA	Cont'd 4th yr., 4 yr. project	$33.0	$27.2	$0.0

This project is estimating the abundance of spot shrimp and determining the structure of the spot shrimp population in Prince William Sound. It augments current Alaska Department of Fish and Game surveys to determine whether the spot shrimp population is recovering from depletion. Project results and those of the Alaska Department of Fish and Game in 1999 and 2000 indicate a cessation in the apparent decline of spot shrimp abundance in western Prince William Sound that had taken place between 1992 to 1998, and a slight increase in the number and weight of spot shrimp per pot in 1999 compared to 1998. The increase was markedly greater in 2000. FY 02 will fund close out, produce manuscripts, and provide input into the development of a shrimp management plan with the Alaska Department of Fish and Game.

02416	O'Brian Creek Enhancement	Chenega Bay IRA Council	USFS	New 1st yr., 1 yr. project		$64.2	$0.0

Currently several stream habitat constraints exist within O'Brian Creek which is located near the village of Chenega Bay. Improvements to the stream would benefit the numerous fish species that use the habitat as well as the entire local ecosystem. The main goal of the project is to increase the depth of water by creation of a series of dam and fish ladder structures. Species that populate the stream include pink salmon, chum salmon, coho salmon, sockeye salmon, Dolly Varden, and cutthroat trout. A self-sustaining limited subsistence use fishery would be priceless for the community, as well as adding potential for promoting tourism and recreation.

INDEX OF PROPOSALS BY RESOURCE CLUSTER -- FY 02

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY02 Expected	FY02 Request	FY 03 Request
02503	Orca Inlet Restoration	B. Henrichs/Native Village of Eyak	DOI	New 1st yr., 5 yr. project		$100.0	$150.0

Orca Inlet has become barren over the years. While it used to supply many of the subsistence resources to the residents of Eyak/Cordova, in recent years it has supplied very little. The 1964 earthquake raising the area resulted in a die-off of clams and crab. The expanding of the sea otters accelerated this. The shallowing of the inlet combined with the increase of fish waste dumped has resulted in a dead bay. We need to come up with a plan to restore Ocra Inlet to what it was when we were children. [Note: This proposal was submitted as an idea; if recommended for funding, a Detailed Project Description and budget will need to be prepared. Funding ($150,000 each year) has also been requested for FY 04, FY 05, and FY 06.]

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY02 Expected	FY02 Request	FY 03 Request
02507	Nuchek Subsistence Camp	B. Henrichs/Native Village of Eyak	DOI	New 1st yr., 1 yr. project		$125.0	$0.0

As a result of the oil spill the availability of subsistence foods have changed. The residents of the spill region are spending more time gathering traditional subsistence foods. A subsistence camp at Nuchek would allow the youth and elders to address these changes. Many of the people in the region trace their ancestry back to Nuchek. As Chugach Alaska Corporation has built a facility at Nuchek and holds annual spirit camps, this would be an appropriate location for this subsistence camp [Note: This proposal was submitted as an idea; if recommended for funding, a Detailed Project Description and budget will need to be prepared.]

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY02 Expected	FY02 Request	FY 03 Request
02610	Kodiak Archipelago Youth Area Watch	T. Schneider/Kodiak Island Borough School District	ADFG	Cont'd 3rd yr., 3 yr. project	$61.8	$128.3	$57.7

This project will engage students in projects with goals aligned with the general restoration efforts of the Trustee Council. Students and site coordinators will conduct interviews with local experts and document traditional ecological knowledge, publishing it in a District oral history magazine. Participation of Youth Area Watch adults and students in the annual Academy of Elders/Science Camp will be strongly recommended. Such participation will serve as another avenue for more tribal members to learn about restoration efforts, scientific monitoring techniques, and occupations related to such work. The value and implications of traditional ecological knowledge will be strongly emphasized throughout the implementation of the project.

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY02 Expected	FY02 Request	FY 03 Request
02669	Hooligan Research	B. Henrichs/Native Village of Eyak	DOI	New 1st yr., 2 yr. project		$100.0	$100.0

The Alaska Department of Fish and Game has been selling permits to harvest hooligan commercially for the past two years. We are concerned because they cannot tell us what the biomass is. Hooligan are a traditional subsistence food and a forage food for birds, fishes and marine mammals, including Steller sea lions. There have been no commercial herring openers in years, because they have been over fished. It doesn't make sense to start a commercial fishery on hooligan, when the commercial fishery on herring resulted in a depletion of those stocks. This project proposes independent research on hooligan to see if it can sustain a commercial harvest and still maintain the stocks for traditional subsistence harvest. [Note: This proposal was submitted as an idea; if recommended for funding, a Detailed Project Description and budget will need to be prepared.]

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY02 Expected	FY02 Request	FY 03 Request
02677	English Bay River Sockeye Salmon Enumeration Project	C. Kvasnikoff/Nanwalek IRA Council	ADFG	New 1st yr., 2 yr. project		$182.0	$109.9

This project will allow for improvements to and continuation of smolt and adult sockeye enumeration in the English Bay River drainage. Available funds have become scarce and the Nanwalek Salmon Enhancement Project has been forced to narrow its focus to absolutely essential components of the project that result in adult returns. The enumeration of out-migrating smolts and returning adult sockeye escapement is very important to village project personnel and Alaska Department of Fish and Game area management staff but without additional funding, these important tasks will not be able to continue. This project will help to improve the weir equipment and monitoring technology to enable more consistent and accurate data collection.

Habitat Improvement						$185.6	$0.0
02612	Detecting and Understanding Marine-Terrestrial Linkages in the Kenai River Watershed	W. Hauser/ADFG	ADFG	New 1st yr., 1 yr. project		$44.6	$0.0

This project will provide matching funds for a coordinator to serve a multidisciplinary team of agency-supported scientists that is designing a study of marine and terrestrial nutrient cycling in the Kenai River watershed. The oil spill curtailed commercial fishing on the river in 1989, causing changes in productivities of sockeye salmon and other species, in addition to allowing a massive input of marine nutrients born by the unharvested salmon. The watershed is also at some risk from anthropogenic activities including habitat degradation, increased utilization and invasive species. Studies on watersheds of the Pacific Northwest suggest there may be cascading impacts when marine derived nutrients normally supplied by salmon carcasses are diverted from an ecosystem. When nutrients normally supplied by salmon are withdrawn, productivity of the entire watershed is expected to be diminished.

02621	Kenai River Flats Conservation Easement and Public Education	M. Kuwada/ADFG	ADFG	New 1st yr., 1 yr. project		$141.0	$0.0

This project will protect approximately 600 acres of wetlands on the Kenai River Flats near the city of Kenai. The acquisition of a conservation easement for the property and construction of a boardwalk will protect sensitive coastal wetlands, high value waterfowl habitat, and two anadromous fish streams, and will provide new educational and recreational opportunities for the public. The conservation easement will be purchased by the Conservation Fund using already-approved funds from a North American Wetland Conservation Act grant. The easement will specify that the property be preserved in a natural state and protected against incompatible development. A boardwalk and viewing platform will be constructed using EVOS funds to proved recreational birdwatching and educational opportunities. The boardwalk and viewing platform are essential for obtaining the City's support for the conservation easement.

Habitat Protection							
02126	Habitat Protection and Acquisition Support			Cont'd			

This project will cover certain expenses incurred by Trustee agencies in receiving title to parcels acquired by the Trustee Council. [Note: This project will be funded outside of the regular FY 02 work plan of research, monitoring, and general restoration projects. Detailed Project Description and budget not yet provided.]

INDEX OF PROPOSALS BY RESOURCE CLUSTER -- FY 02

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY02 Expected	FY02 Request	FY 03 Request
Ecosystem Synthesis/GEM Transition					$340.0	$3,025.2	$813.0
02340	Toward Long-Term Oceanographic Monitoring of the Gulf of Alaska Ecosystem	T. Weingartner/ UAF	ADFG	Cont'd 5th yr., 4 yr. project	$0.0	$20.7	$0.0

FY 02 will fund completion of the final report for this multi-year project. The fourth year of measurements will be completed in September 2001 (or December 2001 if the GAK 1 mooring is to be continued under the GEM program). After completion of the data collection phase, a final report and manuscript will be prepared. The manuscript will focus on freshwater variations on the Gulf of Alaska shelf, and will synthesize the data collected under this project with some of the retrospective efforts included in previous annual reports.

02360-BAA	The *Exxon Valdez* Oil Spill: Guidance for Future Research Activities	C. Elfring/Polar Research Board, NRC	NOAA	Cont'd 3rd yr., 3 yr. project	$90.0	$90.1	$0.0

The National Research Council's Polar Research Board and Board on Environmental Studies and Toxicology have appointed a special committee to review the scope, content, and structure of the Trustee Council's two GEM (Gulf Ecosystem Monitoring) documents, the draft Science Program and the draft Research and Monitoring Plan. To date, the committee has provided guidance in two documents: a November 2000 letter commenting on the schedule and process by which the draft Research & Monitoring Plan would be developed and a February 2001 Interim Report providing detailed comments on the draft science program, including missions, goals, administration, scale, data management, and community involvement elements.
The committee's next and final task will be to prepare a final report analyzing whether the Research and Monitoring Plan is complete, scientifically sound, and meets the expectations of the Trustee Council. This task will be conducted when the draft plan is available for review. As currently scheduled, we will receive the draft plan in June and hold a meeting to begin our review June 14-15, 2001. The committee will spend the summer and early fall preparing its final report. The report is expected to go to outside review in November 2001 and be delivered to the Trustee Council in January 2002.

02455	Gulf Ecosystem Monitoring and Research Program Data System	Restoration Office	ADFG	Cont'd 2nd yr.	$150.0	$150.0	

This project will continue work on the data system for GEM. Funding was provided in FY 01 to hire a data system manager to provide the leadership necessary for developing this essential part of the GEM program; hiring is expected to occur in late spring 2001. [Note: Detailed Project Description and budget not yet provided; expected FY 02 cost is $150,000.]

02475-BAA	GEM Data System Specification	S. Marley	NOAA	New 1st yr., 1 yr. project		$250.9	$0.0

This project will produce the Operations Concept and Systems Requirements Specification for the data system for GEM. This project will capitalize on the work already performed, and through a detailed requirements definition approach, we will be able to develop the detailed description necessary to release a formal Request for Proposal (RFP) for the permanent system.

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY02 Expected	FY02 Request	FY 03 Request
02536	Synthesis of Spill Damaged Resource Information into the Heritage Data Management System	T. Gotthardt, K. Boggs/UAA	ADFG	New 1st yr., 1 yr. project		$118.2	$0.0

This project will synthesize conservation information pertaining to species and ecosystems damaged by the oil spill into the Heritage Data Management System (HDMS). HDMS is part of an effort by The Nature Conservancy and 86 Natural Heritage Programs throughout the Western Hemisphere to document information on terrestrial and nearshore endangered species and ecosystems. It is the largest biodiversity conservation effort of its kind. The incorporation of spill affected resources information into HDMS would ensure linkage of EVOS information to broader based conservation efforts. The project will also evaluate the effectiveness of using HDMS as an integral tool within GEM to track the recovery status of injured resources.

02584	Evaluation of Airborne Remote Sensing Tools for GEM Monitoring	E. Brown/UAF, J. Churnside/NOAA	ADFG	New 1st yr., 3 yr. project		$118.4	$240.0

This project will evaluate airborne remote sensing tools for GEM monitoring, including a biological/ecological interpretation of the data collected. The instrument package consists of (a) a pulsed lidar to map subsurface biological features day to a maximum of 50 m, (b) an infrared radiometer to map SST day (similar to AVHRR), (c) two three-chip digital video systems to map ocean color (chlorophyll), birds, mammals, surface fish schools, and ocean frontal structure, and (d) an infrared digital video to map birds and mammals at night. The project will use shipboard and buoy data for valudation and interpretation of remote sensed data. [Note: The FY 04 cost (year 3 of the project) has not been provided.]

02597-BAA	Ocean Color Time Series of Prince William Sound	S. Pegau/ OSU	NOAA	New 1st yr., 1 yr. project		$28.5	$0.0

This project will develop a time series of chlorophyll concentrations and other ocean color products for general use. The time series will include full resolution images of the coastal waters of Alaska and Prince William Sound in particular. SeaWiFS data collected at University of Alaska-Fairbanks will be processed with the current state of the art algorithms. The data will be mapped into regional areas at 1km resolution. The possibility of adding CZCS and OCTS data to increase the temporal extent of the time series will be examined. This data set will allow investigators to examine how the base of the food chain (phytoplankton) has varied monthly, seasonally, and annually during the life of these missions.

02600	Synthesis of the Ecological Findings from the EVOS Damage Assessment and Restoration Programs, 1989-2001	R. Spies/EVOS Chief Scientist, et al	ADNR	New 1st yr., 2 yr. project		$151.6	$324.9

This project will synthesize the significant results from 12 years of post-spill study in the EVOS damage assessment and restoration programs as they relate to anthropogenic and natural forcing factors influencing the northern Gulf of Alaska. The results of the synthesis will be incorporated into a series of interrelated manuscripts that will either be submitted to a journal for publication as a whole volume, or to a publisher as a book. This effort will be one of the major products of the EVOS restoration program and help set the foundation for GEM.

02604	Gear Selectivity in Trawl Surveys along the Northern Gulf of Alaska	W. Bechtol/ADFG	ADFG	New 1st yr., 2 yr. project		$52.1	$15.0

This project will explore approaches to developing long-term monitoring techniques for forage fish populations in Cook Inlet, an area representative of ecosystem conditions and changes in the northern Gulf of Alaska. Time series data are available for two different trawl surveys conducted in Kachemak Bay in lower Cook Inlet. One survey series dates to the 1970's and uses a small-mesh trawl that catches species representative of the underlying forage base in this area. The second survey series, dating to 1990, uses a larger-mesh trawl fished closer to the bottom and catching substantially different species composition. Comparison of the catch composition time series from these two survey types will allow determination of gear selectivity between these trawls.

INDEX OF PROPOSALS BY RESOURCE CLUSTER -- FY 02

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY02 Expected	FY02 Request	FY 03 Request
02609	Long-Term Temperature/Salinity Monitoring Within the Alaska Coastal Current	T. Weingartner/UAF	ADFG	New 1st yr., 2 yr. project		$59.8	$15.5
	Interannual variations in temperature, salinity, and their vertical distribution on the northern Gulf of Alaska shelf reflect environmental changes that might affect this marine ecosystem. This variability needs to be quantified and understood based on extended time series such as the 30-year record at hydrographic station GAK1 near Seward. This project maintains this time series and will continue to quantify the variability and understand the sources of it. It will also begin to document interannual variations in near-surface (upper 10 m) stratification and the timing of the spring bloom on the inner shelf. The data and associated analyses are suggested as being an important component to the development of the GEM program.						
02614	Monitoring Program for Near-Surface Temperature, Salinity, and Fluorescence in the Northern Pacific Ocean	S. Okkonen/UAF	ADFG	New 1st yr., 2 yr. project		$38.2	$17.1
	This project will use a thermosalinograph and fluorometer, to be installed on a crude oil tanker, to acquire continuous, long-term measurements of the near-surface temperature, salinity, and fluorescence fields along the tanker route between Valdez, Alaska and Long Beach, California.						
02618-BAA	Measurements of Tide Rip Front Variability in Cook Inlet	S. Saupe/CIRCAC	NOAA	New 1st yr., 2 yr. project		$11.7	$3.7
	This project will use a vessel-mounted thermosalinograph to acquire long-term measurements of near-surface temperature and salinity to identify variability in the location and intensity of tide rip fronts in Cook Inlet.						
02622	Digital Maps from Existing Seasonal Environmental Sensitive Area Maps: Cook Inlet/ Kenai Peninsula	J. Whitney/ NOAA	NOAA	New 1st yr., 1 yr. project		$36.6	$0.0
	A series of national standardized digital map products will be produced form the existing seasonal environmental sensitive index (ESI) maps for Cook Inlet/ Kenai Peninsula made by NOAA in 1994. A four map seasonal series was originally developed for Cook Inlet by the NOAA Hazardous Materials Response and Assessment Division in the ArcInfo digital format with the output and distribution primarily being poster maps at a scale of 1:450,000. Since then, combined with greater demand for digital products, NOAA's digital ESI products have greatly expanded. This project will transform the existing Cook Inlet/ Kenai Peninsula digital data into a four-tiered nationally standardized set of digital map products with the deliverable being 100 CD's. These will be the same products that were recently provided for Prince William Sound under Project 99368.						
02624-BAA	A CPR-Based Plankton Survey Using Ships of Opportunity to Monitor the Gulf of Alaska	S. Batten/SAHFOS, D. Welch/DFOC	NOAA	New 1st yr., 1 yr. project		$133.4	$0.0
	This project presents the rationale for developing a plankton monitoring program for the Gulf of Alaska using ships of opportunity. Plankton are a critical link in the marine food chain whose dynamics are poorly understood, but respond rapidly and unambiguously to climate change and form the link between changes in the atmosphere and valuable upper trophic level populations, such as salmon, herring, shrimp, and groundfish. The proposal reviews the evidence that many of the most valuable marine resources in the Gulf of Alaska are strongly influenced by changes in ocean climate. Ships of opportunity are a cost effective platform for large scale monitoring and this project will build on recent experience gained with the CPR (continuous plankton recorders) in the North Pacific to prepare for GEM (the Trustee Council's long-term research program).						

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY02 Expected	FY02 Request	FY 03 Request
02627-BAA	A Symbiotic Acoustic Signal Processor to Increase Stock Assessment Effort	J. Dawson/BioSonics, Inc.	NOAA	New 1st yr., 1 yr. project		$171.0	$0.0

This project will develop a Symbiotic Acoustic Signal Processor (SASP) system, consisting of a high resolution digital sonar receiver that attaches to an existing shipboard echo sounder and routes the output over an Ethernet connection to displays, storage, and processing systems. This system provides the capability to store geo-referenced raw digital acoustic data in an established scientific format to PC hard disk. The data collected and analyzed using this system can determine abundance and distribution of stocks within the sampled areas. The design philosophy provides a low-cost system that is extremely simple for a skipper to operate, does not require dry-dock installation or towing of an underwater transducer sled, and does not effect the operation of the currently installed echo sounder.

02628-BAA	Resurrection Bay Contaminant Survey	P. Homan/ Qutekcak Native Tribe	NOAA	New 1st yr., 2 yr. project		$128.8	$9.1

Qutekcak Native Tribe would like to lead the way in protecting Resurrection Bay from pollution and misuse. Immediate sources of pollution in the bay include industry, fisheries, wastewater treatment discharge, leaky septic systems, boat harbor, coal terminal, and large ships such as barges, ferries, and cruise ships. This project will collect twenty ocean floor sediment samples from Resurrection Bay and analyze them for contaminants including metals, coliform bacteria, pesticides, and other Persistent Organic Pollutants. The results of the analyses will be publicized via public meetings, reports, and a website.

02629-BAA	Development of a Paradigm for Ecosystem Monitoring	R. Thorne/PWSSC	NOAA	New 1st yr., 1 yr. project		$95.0	$0.0

This project will evaluate the GEM draft plan and draft recommendations to GEM that would improve research efficiency and focus. The National Research Council recommended a list of modifications to GEM. However, we believe that they missed some potentially serious issues regarding the limitations to existing science methods identified by GLOBEC planners in the early 1990's, such as the limitations of measurement, correlation-based analyses, uncoupled prediction-obervation, the individual-organism approach and more. Our experience with programs of the Prince William Sound Science Center, Oil Spill Recovery Institute and Sound Ecosystem Assessment addressed these issues with some success.

02630	Planning for Long-Term Monitoring and Research Program	Restoration Office	ALL	Cont'd	$100.0	$100.0	

In March 1999, the Trustee Council earmarked an estimated $120 million of Restoration Reserve funds for a long-term monitoring and research program in the spill area and adjacent northern Gulf of Alaska. Development of what is now called the Gulf Ecosystem Monitoring and Research (GEM) program was initiated in FY 99 and will continue through FY 02. In FY 00, a draft GEM Science Program (April 2000) was developed and submitted to the National Research Council for review. In FY 01, follow-up on the National Research Council's recommendations on the GEM Science Program is occurring. Development of a draft Monitoring and Research Plan is underway in FY 01 and will be completed in FY 02. This project is accomplished through the combined efforts of the Restoration Office and Chief Scientist. [Note: Detailed Project Description and budget not yet provided; expected FY 02 cost is $100,000.]

02633	Acquisition of Chemical, Physical, and Biological Information on Kodiak Regional Water Quality	R. Ward/Kodiak Area Native Association	ADEC	New 1st yr.		$446.6	

This project will (a) develop nearshore monitoring stations to gather information on species composition and rates of settlement of shellfish, barnacles, algae, and other important marine organisms, (b) develop monitoring stations for remote telemetry of temperature, salinity, currents, zooplankton densities, and other data relevant to fisheries and oceanographic investigations, and (c) develop methods for utilization of satellite imagery technology through coordination with NASA.

INDEX OF PROPOSALS BY RESOURCE CLUSTER -- FY 02

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY02 Expected	FY02 Request	FY 03 Request
02636-BAA	Ecosystem Recovery Through a Partnership with the Spill-Impacted Communities	K. Adams, B. Perrine, R. Mullins/Cordova	NOAA	New 1st yr., 1 yr. project			

The goal of securing and sustaining the recovery of the marine system is a first priority for the Trustee Council as well as for the spill-impacted region. Given the successes of the Council's Restoration Plan, that goal is within reach. The economies and the communities of the spill-impacted region are the natural partners for realizing the goal. In this regard, commercial fishing has the involvement, resources, and motivation---through long term financial positions and committed financial risks---to be one of the most effective partners. This project well develop a plan and demonstrate that a partnership can accomplish significantly more toward our common goal than is possible through the same investments expended independently. [Note: Budget not provided.]

02637	Online Early Life History Database for the Northeast Pacific Ocean, Gulf of Alaska and Southeast Bering Sea	J. Duffy-Anderson/NOAA	NOAA	New 1st yr., 2 yr. project		$143.7	$1.2

This project will develop a public, online, early life history database for more than 20 years of ichthyoplankton data from the northeast Pacific Ocean, Gulf of Alaska, and southeast Bering Sea. The database will merge sample collection information with a larval identification guide and ichthyoplankton distributional atlas into a searchable, internet-based database. This database will provide global access to these resources, providing a platform for the generation of hypotheses and offering managers and other users access to accurate, relevant information on ichthyoplankton distributions in Alaska.

02640	High Frequency Surface Wave Radar Test in Prince William Sound	A. Kotlarov/Alaska Marine Technology Corp.	NOAA	New 1st yr., 2 yr. project		$129.5	$128.4

This project will analyze surface currents in Prince William Sound with a portable short-range, high-frequency surface wave radar system. Use of this advanced technology will increase knowledge and understanding of the overall distribution of currents in the sound, and will add significantly to existing information about the sound's circulation obtained from models such as those developed by Wang, Deleersnijder, Mooser and others. Once deployed and operating, this system will provide real-time and archived data about ocean surface currents in the sound. Observations will include current speed, current direction, diversion flow and upwelling dynamics. The complete system will consist of two radars that are capable of measuring current vectors in real time out to a distance of fifty miles.

02643	Design of the Environmental Specimen Bank Program for GEM	P. Becker/NIST	DOI	New 1st yr., 1 yr. project		$85.4	$0.0

This project will develop a design and implementation plan for an Environmental Specimen Bank component to GEM specifically designed for environmental contaminants monitoring and research. This plan will provide organizational framework, facility requirements, identification of specimens of interest, collection and banking protocols, recommendations on specimen sizes and frequency of collections, establishment of database network with other kinds of archival facilities associated with GEM, recommendations on specimen access policy, identification and development of collection platforms (including partnership with local Alaska Native communities), and cost estimates for instituting and maintaining an Environmental Specimen Bank system for GEM.

02648-BAA	Cost Effective Data Acquisition Using Adaptive Sampling and Combining Information Strategies	D. Dorsett/Baylor Univ.	NOAA	New 1st yr., 2 yr. project		$56.2	$58.1

This project will analyze data acquired in a pilot study of adaptive sampling by FOCI in 1999 to provide information for designing adaptive sampling methods to be used in GEM. Detailed adaptive sampling methods will be documented to enhance cost effective methods of data collection. In a second phase, statistical methods of combining data from different sources will be determined and documented for further efficient data utilization.

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY02 Expected	FY02 Request	FY 03 Request
02655-BAA	Transition Support for the GEM Data Manager	C. Falkenberg/ECOlogic Corp.	NOAA	New 1st yr., 1 yr. project		$120.3	$0.0

This project will support the GEM data manager during FY 02 in order to ease the transition to the GEM data system. Tasks will address the challenge of formulating a GEM data system, the rescue of legacy EVOS data, and the integration of the administrative databases. Although these are the priorities that have emerged from Project 00455, we anticipate that the data manager will set the final priorities and select one or more of the tasks proposed.

02667	Effectiveness of Citizens' Environmental Monitoring Program	S. Mauger/Cook Inlet Keeper	ADEC	New 1st yr., 1 yr. project		$16.7	$0.0

This project will analyze five years of past data from Cook Inlet Keeper's Citizens' Environmental Monitoring Program, the first consistent, credible, and coordinated commuinity-based water quality monitoring program in Alaska. Keeper's Stream Ecologist will determine if sampling frequency, methods, parameters, and site selection are effective at meeting the monitoring objectives of detecting significant changes in water quality over time. The results will assist Cook Inlet Partners (Kenai Watershed Forum, Anchorage Waterways Council, Wasilla Soil and Water Conservation District) refine their community monitoring efforts and may lead to future community-based monitoring programs.

02668	Developing an Interactive Water Quality and Habitat Database and Making it Accessible on the Web	J. Cooper/Cook Inlet Keeper	ADEC	New 1st yr., 1 yr. project		$15.0	$0.0

The project partners have come together to form a database committee to create a consistent data management system where all citizens groups and agencies can equally share, report, and review their water quality and habitat data. The committee's objective is to make data more accessible and more useful to decision makers, stakeholders, resource managers, and the public. The committee will uplink a shared interactive database on the Internet where it can be viewed and queried with GIS watershed maps, photos, and graphs so that it is user-friendly, educational and meaningful. Access to this data will help facilitate a better understanding about threats to, and solutions for, water quality and habitat.

02671-BAA	Coordinating Volunteer Vessels of Opportunity to Collect Oceanographic Data in Kachemak Bay and Lower Cook Inlet	D. Stram, C. Schoch/Kachemak Bay Research Reserve	NOAA	New 1st yr., 1 yr. project		$53.1	$0.0

Cook Inlet Keeper and the Kachemak Bay Research Reserve will coordinate the collection of oceanographic data from ships of opportunity and with extensive local community involvement. Instruments installed on charter boats will be used to collect time-series of temperature and salinity from transects along Kachemak Bay. Drift cards will be deployed seasonally at locations surrounding the region. Collected data will be used to infer regional water circulation and mixing characteristics. These data will also be correlated with existing stationary sensors and volunteer-monitoring projects to expand spatial and temporal knowledge of water quality and mixing patterns and their relationships to the dispersal of larvae and pollutants in the region.

02678-BAA	Identifying Community-Based Ways to Use Commercial Fisheries Bycatch for Scientific Gain	W. Wilson/ LGL Alaska Research Associates	NOAA	New 1st yr., 1 yr. project		$128.1	$0.0

This project will investigate the feasibility of using commercial fisheries bycatch to increase scientific knowledge of rare and infrequently-studied icthyofauna in the Gulf of Alaska. Initial efforts will include a comprehensive overview of commercial fisheries, vessel types, seasons, and locations most likely to yield regional bycatch samples useable for scientific purposes. Pilot research will be conducted with selected members of the fishing community to develop a statistically-valid experimental design at appropriate spatial scales. Sampling protocols will then be conducted to field-test the design. Additional methods and procedures will be described for the identification, preservation, and vouchering of specimens. Methods for data analysis and reporting of geospatial data will also be described. A final report will evaluate the sampling protocol and specify a future full-scale study design.

INDEX OF PROPOSALS BY RESOURCE CLUSTER -- FY 02

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY02 Expected	FY02 Request	FY 03 Request
02680	Remote Delivery of Persistent Organic Contaminants in Alaska Fishes	S. Rice, J. Short, A. Moles/NOAA	NOAA	New 1st yr., 1 yr. project		$75.6	$0.0

This project will determine the distribution of persistent organic contaminants in the flesh and ovaries of different year classes of chinook salmon from four major geographic areas of Alaska. A suite of contaminants, including pesticides, Polychlorinated biphenyls (PCBs), and chlorinated and unchlorinated hydrocarbons, with known implications for aquatic and human health, will be measured in two age classes of salmon. These will be salmon returning after only a year in saltwater and salmon returning after 3-5 years. This will give some measure of the extent of atmospheric distribution of industrial and agriculture pollutants over a range of rivers in Alaska.

Public Information/Science Mgt./Admin.					$1,846.8	$2,037.4	$0.0
02100	Public Information, Science Management, and Administration	All Trustee Council Agencies	ALL	Cont'd	$1,500.0	$1,500.0	

This project provides overall support for science management, public involvement, and administration of the restoration program. This includes funding for the Trustee Council staff working at the direction of the Executive Director, the scientific peer review process, public involvement efforts including the active participation of the 17-member Public Advisory Group (PAG), and Trustee agency participation in the restoration program. [Note: This project will be funded outside of the regular FY 02 work plan of research, monitoring, and general restoration projects. Detailed Project Description and budget not yet provided; expected FY 02 cost is $1,500,000.]

02350	Alaska SeaLife Center Bench Fees		ADFG	Cont'd	$300.0	$300.0	

This project will pay for the use of labs and office space, as well as other direct expenses, at the Alaska SeaLife Center for those projects funded by the Trustee Council that have a SeaLife Center component. Two FY 02 proposals include a SeaLife Center component: Project 02423/Population Change in Selected Nearshore Vertebrate Predators and 02558/New Technologies for Monitoring Harbor Seal Health. [Note: Detailed Project Description and budget not yet provided; estimate of $300,000 is based on FY 01 bench fees for these two projects.]

02535	EVOS Trustee Council Restoration Program Final Report	EVOS Restoration Office	ADFG	Cont'd 2nd yr., 2 yr. project	$46.8	$50.1	$0.0

This project will provide a final report for the activities of the Trustee Council, starting with the earliest damage assessment efforts and ending with the FY 02 Work Plan and disbursements of the final payment from Exxon. It will also include a complete history of the litigation leading to the civil settlement, which funds the Council. This project will increase public awareness and understanding of EVOS restoration activities, policies, and procedures. It will provide agencies and groups (facing a similar trustee situation) with a detailed history of the *Exxon Valdez* Oil Spill Restoration process, including highlights and pitfalls, so that others can benefit from lessons learned in the groundbreaking EVOS effort. This published history will include references and an index.

02550	Alaska Resources Library and Information Services (ARLIS)	All Trustee Council Agencies	ADFG	Cont'd		$140.3	

This project is the Trustee Council's contribution to the Alaska Resources Library and Information Services (ARLIS). ARLIS serves as a central access point for information generated through the restoration process. In addition, ARLIS acts as the public repository for reports and other materials generated as a result of the cleanup, damage assessment, and restoration efforts following the spill.

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY02 Expected	FY02 Request	FY 03 Request
02570	Book on EVOS Science for General Readers	S. Loshbaugh/Freelance Writing	ADFG	New 1st yr., 1 yr. project		$47.0	$0.0

This project will produce a publication-ready, book-length manuscript about the scientific and restoration projects following the oil spill. Written for the intelligent lay reader, it will emphasize the cutting-edge quality, adventurous experiences, ethical issues and lucid, non-technical explanations of findings. Based on interviews, symposium presentations and review of the technical literature, it will include discussion of scientists' personal motivations, partnerships between Western and indigenous knowledge systems, legal entanglements, technical advances, the interdisciplinary ecosystem approach, and the implications both process and findings hold for future research design, science in the public arena, and the environment.

Project Management					$200.0	$200.0	
02250	Project Management	All Trustee Council Agencies	ALL	Cont'd	$200.0	$200.0	

Project management represents those costs incurred by the state and federal Trustee agencies in fulfilling their responsibility to ensure that individual projects are managed consistent with the Memorandum of Agreement and Consent Decree, the Restoration Plan, and Trustee Council authorization. Tasks performed by project managers include coordinating activities between principal investigators and the Restoration Office, reviewing project expenditure activity, assisting in the development of project proposals, and tracking project reports. [Note: Detailed Project Description and budget not yet provided; expected FY 02 cost is $200,000.]

INDEX OF PROPOSALS BY RESOURCE CLUSTER -- FY 02

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY02 Expected	FY02 Request	FY 03 Request

	All Proposals*	Work Plan Only**
Total Continuing Projects FY 02 Expected:	$4,704.1	$3,204.1
Total Continuing Projects FY 02 Requested:	$5,104.7	$3,604.7
Total New Projects FY 02 Requested:	$6,791.0	$6,791.0
Total New & Continuing Projects FY 02 Requested:	$11,895.7	$10,395.7

** 109 projects were received (41 continuing and 68 new). The costs included for the following projects are estimates, as budgets have not yet been prepared: 02154/Archaeological Repository Project Management ($29.1), 02250/Project Management ($200.0), 02350/ASLC Bench Fees ($300.0), 02455/GEM Data Management ($150.0), 02630/GEM Planning ($100.0), 02100/Public Information/Science Management/Administration ($1,500.0). No estimate has yet been developed for 02126/Habitat Protection Support and no budget was submitted for 02636/Recovery Through Partnership with Communities.*

*** The Work Plan Only column includes all projects except 02100/Public Information/Science Management/Administration ($1,500.0). 02126/Habitat Protection Support will also be funded outside of the work plan, but a cost estimate is not yet included for that project.*

NOTE: The FY 02 funding cap set by the Council is $6.5 million ($1.5 million is expected for 02100/Administration and the balance for work plan projects).

Exxon Valdez Oil Spill Trustee Council

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

MEMORANDUM

TO: Patty-Brown Schwalenberg
Executive Director, CRRC

FROM: Molly McCammon
Executive Director

RE: Extension of Due Date: FY 00 Annual Reports
Project 00052 / Community Involvement & Traditional Ecological Knowledge
Project 00610 / Kodiak Island Youth Area Watch

DATE: April 17, 2001

In response to your letter of April 13, 2000, this memo confirms an extended due date of May 1, 2001 for the annual reports on Project 00052/Community Involvement & Traditional Ecological Knowledge and Project 00610/Kodiak Island Youth Area Watch. I understand this small amount of extra time is needed for proper completion of the reports.

cc: Claudia Slater, ADF&G Liaison

Exxon Valdez Oil Spill Trustee Council

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

MEMORANDUM

TO: Dan Rosenberg, PI
ADF&G

FROM: Molly McCammon
Executive Director

RE: Extension of Due Dates: FY 00 Annual Reports
Project 00273 / Surf Scoter Life History and Ecology: Linking Satellite Technology with Traditional Knowledge to Conserve the Resource
Project 00407 / Harlequin Duck Population Dynamics and Satellite Telemetry

DATE: April 17, 2001

In response to your e-mail of April 13, 2001, this memo confirms extended due dates for your annual reports, as follows:

September 30, 2001	Project 00273 / Surf Scoter Life History and Ecology: Linking Satellite Technology with Traditional Knowledge to Conserve the Resource
September 1, 2001	Project 00407 / Harlequin Duck Population Dynamics and Satellite Telemetry. I understand this extension is needed due to your reduced work schedule.

I understand this extra time is needed due to your winter and spring field schedule.

cc: Claudia Slater, ADF&G Liaison

Exxon Valdez Oil Spill Trustee Council

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

MEMORANDUM

TO: Tom Taylor

FROM: Debbie Hennigh

DATE: April 17, 2001

RE: GEM Technical Editor Contract

Enclosed are three copies of the above mentioned contract signed by both Judy Griffin and Molly McCammon.

I am still working with Judy to get copies of her insurance coverage and will forward those on to you as soon as I receive them. She had deadlines to meet on both Friday and Monday and assured me that she would get them to me soon.

I will also send you a copy of her proposal and examples of her work later this week.

Thanks for your assistance.

STANDARD AGREEMENT FORM

1. Agency Contract Number	2. ASPS Number	3. Financial Coding	4. Agency Assigned Encumbrance Number
IHP-01-094		11911600/11911600/73160	

5. Vendor Number	6. Alaska Business License Number
WOW01095	BL 302457 LOB 71

This contract is between the State of Alaska,

7. Department of	Division	
Fish and Game	Exxon Valdez Trustee Council	hereafter the State, and

8. Contractor

Judy Griffin, Word Wrangling — hereafter the Contractor

Mailing Address	Street or P.O. Box	City	State	ZIP+4
Judy Griffin	13100 Mountain Place	Anchorage	AK	99516

9.

ARTICLE 1. Appendices: Appendices referred to in this contract and attached to it are considered part of it.

ARTICLE 2. Performance of Service:

2.1 Appendix A (General Provisions), Articles 1 through 14, governs the performance of services under this contract.
2.2 Appendix B sets forth the liability and insurance provisions of this contract.
2.3 Appendix C sets forth the services to be performed by the contractor.

ARTICLE 3. Period of Performance: The period of performance for this contract begins April 16, 2001 and ends January 31, 2002.

ARTICLE 4. Considerations:

4.1 In full consideration of the contractor's performance under this contract, the State shall pay the contractor a sum not to exceed $9072.00 in accordance with the provisions of Appendix D.
4.2 When billing the State, the contractor shall refer to the Authority Number or the Agency Contract Number and send the billing to:

10. Department of Fish and Game	Attention: Division of Exxon Valdez Oil Spill Trustee Council
Mailing Address: 645 G Street, Suite 401; Anchorage, AK 99501	Attention: Molly McCammon, Executive Director

11. CONTRACTOR		13. 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.
Name of Firm: Word Wrangling		
Signature of Authorized Representative: Judy Griffin	Date: 4/16/01	
Typed or Printed Name of Authorized Representative: Judy Griffin		
Title: Owner	Employer ID No. (EIN) or SSN: 301441822	

12. CONTRACTING AGENCY		Signature of Head of Contracting Agency or Designee	Date
Department/Division: ADFG, Exxon Valdez Trustee Council	Date: 4/16/01		
Signature of Project Director: Molly McCammon		Typed or Printed Name: John White	
Typed or Printed Name of Project Director: Molly McCammon		Title: Procurement Officer	
Title: Executive Director			

NOTICE: This contract has no effect until signed by the head of contracting agency or designee.

BACK 02-093 (03/94)
APPENDIX A
GENERAL PROVISIONS

Article 1. Definitions.

1.1 In this contract and appendices, "Project Director" or "Agency Head" or "Procurement Officer" means the person who signs this contract on behalf of the Requesting Agency and includes a successor or authorized representative.

1.2 "State Contracting Agency" means the department for which this contract is to be performed and for which the Commissioner or Authorized Designee acted in a signing this contract.

Article 2. Inspection and Reports.

2.1 The department may inspect, in the manner and at reasonable times it considers appropriate, all the contractor's facilities and activities under this contract.

2.2 The contractor shall make progress and other reports in the manner and at the times the department reasonably requires.

Article 3. Disputes.

3.1 Any dispute concerning a question of fact arising under this contract which is not disposed of by mutual agreement shall be decided in accordance with AS 36.30.620-632.

Article 4. Equal Employment Opportunity.

4.1 The contractor may not discriminate against any employee or applicant for employment because of race, religion, color, national origin, or because of age, physical handicap, sex, marital status, changes in marital status, pregnancy or parenthood when the reasonable demands of the position(s) do not require distinction on the basis of age, physical handicap, sex, marital status, changes in marital status, pregnancy, or parenthood. The contractor shall take affirmative action to insure that the applicants are considered for employment and that employees are treated during employment without unlawful regard to their race, color, religion, national origin, ancestry, physical handicap, age, sex, marital status, changes in marital status, changes in marital status, pregnancy or parenthood. This action must include, but need not be limited to, the following: employment, upgrading, demotion, transfer, recruitment or recruitment advertising, layoff or termination, rates of pay or other forms of compensation, and selection for training including apprenticeship. The contractor shall post in conspicuous places, available to employees and applicants for employment, notices setting out the provisions of this paragraph.

4.2 The contractor shall state, in all solicitations or advertisements for employees to work on State of Alaska contract jobs, that it is an equal opportunity employer and that all qualified applicants will receive consideration for employment without regard to race, religion, color, national origin, age, physical handicap, sex, marital status, changes in marital status, pregnancy or parenthood.

4.3 The contractor shall send to each labor union or representative of workers with which the contractor has a collective bargaining agreement or other contract or understanding a notice advising the labor union or workers' compensation representative of the contractor's commitments under this article and post copies of the notice in conspicuous places available to all employees and applicants for employment.

4.4 The contractor shall include the provisions of this article in every contract, and shall require the inclusion of these provisions in every contract entered into by any of its subcontractors, so that those provisions will be binding upon each subcontractor. For the purpose of including those provisions in any contract or subcontract, as required by this contract, "contractor" and "subcontractor" may be changed to reflect appropriately the name or designation of the parties of the contract or subcontract.

4.5 The contractor shall cooperate fully with State efforts which seek to deal with the problem of unlawful discrimination, and with all other State efforts to guarantee fair employment practices under this contract, and promptly comply with all requests and directions from the State Commission for Human Rights or any of its officers or agents relating to prevention of discriminatory employment practices.

4.6 Full cooperation in paragraph 4.5 includes, but is not limited to, being a witness in any proceeding involving questions of unlawful discrimination if that is equested by any official or agency of the State of Alaska; permitting employees of the contractor to be witnesses or complainants in any proceeding involving questions of unlawful discrimination, if that is requested by any official or agency of the State of Alaska; participating in meetings; submitting periodic reports on the equal employment aspects of present and future employment; assisting inspection of the contractor's facilities; and promptly complying with all State directives considered essential by any office or agency of the State of Alaska to insure compliance with all federal and State laws, regulations, and policies pertaining to the prevention of discriminatory employment practices.

4.7 Failure to perform under this article constitutes a material breach of the contract.

Article 5. Termination.

The Project Director, by written notice, may terminate this contract, in whole or in part, when it is in the best interest of the State. The State is liable only for payment in accordance with the payment provisions of this contract for services rendered before the effective date of termination.

Article 6. No Assignment or Delegation.

The contractor may not assign or delegate this contract, or any part of it, or any right to any of the money to be paid under it, except with the written consent of the Project Director and the Agency Head.

Article 7. No Additional Work or Material.

No claim for additional services, not specifically provided in this contract, performed or furnished by the contractor, will be allowed, nor may the contractor do any work or furnish any material not covered by the contract unless the work or material is ordered in writing by the Project Director and approved by the Agency Head.

Article 8. Independent Contractor.

The contractor and any agents and employees of the contractor act in an independent capacity and are not officers or employees or agents of the State in the performance of this contract.

Article 9. Payment of Taxes.

As a condition of performance of this contract, the contractor shall pay all federal, State, and local taxes incurred by the contractor and shall require their payment by any Subcontractor or any other persons in the performance of this contract. Satisfactory performance of this paragraph is a condition precedent to payment by the State under this contract.

Article 10. Ownership of Documents.

All designs, drawings, specifications, notes, artwork, and other work developed in the performance of this agreement are produced for hire and remain the sole property of the State of Alaska and may be used by the State for any other purpose without additional compensation to the contractor. The contractor agrees not to assert any rights and not to establish any claim under the design patent or copyright laws. The contractor, for a period of three years after final payment under this contract, agrees to furnish and provide access to all retained materials at the request of the Project Director. Unless otherwise directed by the Project Director, the contractor may retain copies of all the materials.

Article 11. Governing Law.

This contract is governed by the laws of the State of Alaska. All actions concerning this contract shall be brought in the Superior Court of the State of Alaska.

Article 12. Conflicting Provisions.

Unless specifically amended and approved by the department of Law the General Provisions of this contract supersede any provisions in other appendices.

Article 13. Officials Not to Benefit.

Contractor must comply with all applicable federal or State laws regulating ethical conduct of public officers and employees.

Article14. Covenant Against Contingent Fees.

The contractor warrants that no person or agency has been employed or retained to solicit or secure this contract upon an agreement or understanding for a commission, percentage, contingent fee, or brokerage except employees or agencies maintained by the contractor for the purpose of securing business. For the breach or violation of this warranty, the State may terminate this contract without liability or in its discretion deduct from the contract price or consideration the full amount of the commission, percentage, brokerage, or contingent fee.

APPENDIX B[1]
INDEMNITY AND INSURANCE

Article 1. Indemnification

The Contractor shall indemnify, hold harmless, and defend the contracting agency from and against any claim of, or liability for error, omission or negligent act of the Contractor under this agreement. The Contractor shall not be required to indemnify the contracting agency for a claim of, or liability for, the independent negligence of the contracting agency. If there is a claim of, or liability for, the joint negligent error or omission of the Contractor and the independent negligence of the Contracting agency, the indemnification and hold harmless obligation shall be apportioned on a comparative fault basis. "Contractor" and "Contracting agency", as used within this and the following article, include the employees, agents and other contractors who are directly responsible, respectively, to each. The term "independent negligence" is negligence other than in the Contracting agency's selection, administration, monitoring, or controlling of the Contractor and in approving or accepting the Contractor's work.

Article 2. Insurance

Without limiting Contractor's indemnification, it is agreed that Contractor shall purchase at its own expense and maintain in force at all times during the performance of services under this agreement the following policies of insurance. Where specific limits are shown, it is understood that they shall be the minimum acceptable limits. If the Contractor's policy contains higher limits, the state shall be entitled to coverage to the extent of such higher limits. Certificates of Insurance must be furnished to the Contracting Officer prior to beginning work and must provide for a 30-day prior notice of cancellation, non-renewal or material change of conditions. Failure to furnish satisfactory evidence of insurance or lapse of the policy is a material breach of this contract and shall be grounds for termination of the Contractor's services. All insurance policies shall comply with, and be issued by insurers licensed to transact the business of insurance under AS 21.

2.1 Workers' Compensation Insurance: The Contractor shall provide and maintain, for all employees engaged in work under this contract, coverage as required by AS 23.30.045, and; where applicable, any other statutory obligations including but not limited to Federal U.S.L. & H. and Jones Act requirements. The policy must waive subrogation against the State.

2.2 Commercial General Liability Insurance: covering all business premises and operations used by the Contractor in the performance of services under this agreement with minimum coverage limits of $300,000 combined single limit per occurrence.

2.3 Commercial Automobile Liability Insurance: covering all vehicles used by the Contractor in the performance of services under this agreement with minimum coverage limits of $300,000 combined single limit per occurrence.

Appendix C
Scope of Services

Contract Period

The contract will begin upon receiving final approvals approximately April 16, 2001, and be completed by January 31, 2002, with possible renewal options for an additional three years.

Scope of Work

The Contractor will do the following:

The Contractor will provide technical editing services for the GEM Monitoring and Research Plan. The work to be accomplished will be in at least three phases. Phase I, an initial advice period on organizing and setting up the document, will consist of one to two meetings in mid-April. Phase II, which is the draft Monitoring and Research Plan, will be from mid-April through August 30, 2001. Phase III, which is the final plan, is tentatively scheduled to be from December 1, 2001 through January 31, 2002.

Text, tables, graphics, figures/maps, and bibliographic citations for the draft plan will be provided to the Contractor by the Restoration Office in electronic and hard copy versions. The plan is expected to follow the attached outline (Attachment A) and is anticipated to be somewhere between 100 - 300 pages. The plan will be mostly narrative and will include 12 – 15 figures and/or tables. Some of the figures may be in color.

Schedule

In Phase I, mid-April, the Contractor will be responsible for attending planning meetings, and providing advice on organizing and setting up the vision of the draft plan document.

In Phase II, mid-April through August 30, 2001, the Contractor will be responsible for:

1. Creating the design and layout of the draft plan which will contain three major sections: a) Introduction to and Need for GEM Program, b) Our Scientific Understanding of the Northern Gulf of Alaska, and b) Draft Monitoring and Research Plan. The Contractor will consult with the Executive Director on the overall design and format of the draft plan.
2. Designing and/or producing suitable data presentation formats, incorporating data presented in various software applications (e.g., Word, File Maker Pro, Excel, Pro Cite, graphics and publishing software).
3. Editing the text of the plan, which will include well over 100 scientific citations; verifying text, figures/maps, graphics, tables, and bibliographic citations are detailed accurately; ensuring a consistent format; and ensuring uniform use of headers, footers and page numbers.
4. Preparing a draft of the plan. This version of the draft plan, the "internal review draft," will be reviewed by the Executive Director and Trustee Council staff. The internal review draft should show accurate and to scale placement of all text, captions, tables, figures, and graphics.
5. Incorporating any edits and changes desired by the Executive Director.
6. Preparing a revised draft of the plan. This version of the draft plan, the "NRC review draft," will be submitted to the Trustee council for approval and to the NRC for review and advice.
7. Meeting with the Executive Director as needed.

In Phase III, about December 1, 2001 through January 31, 2002, the Contractor will be responsible for:

1. If substantial changes are necessitated following review of the NRC review draft, incorporating any edits and changes requested by the Executive Director into a final of the plan that will be print-ready.
2. Meeting with the Executive Director as needed.

Following completion of Phase III, the Executive Director may notify the Contractor that additional work will be assigned. This may include coordinating with the printer and other tasks mutually agreed to through contract amendments/renewals.

Deliverables

Deliverable Due Dates	**Description of Task**
4/16/01 - 4/30/01	Meetings to discuss document layout, organization, and work through details
4/16/01 - 4/30/01	Develop draft layout of plan
5/1/01 - 5/15/01	Edit Sections A & B (Internal Review Draft); **Provide file in Word and PDF**
6/1/01 - 6/25/01	Edit Section C and combine with Sections A & B (Internal Review Draft); **Provide file in Word and PDF**
7/20/01 - 7/25/01	Edit Internal Review Draft and create NRC Review Draft
8/10/01 - 8/17/01	If any changes to NRC Review Draft per Trustee Council action, incorporate these into the NRC Review Draft; **Provide file in Word & PDF**
1/1/02 -1/15/02	Edit and polish NRC Review Draft to create Final Plan

APPENDIX D
FINANCIAL CONSIDERATIONS

The maximum cost to provide the services described in the Scope of Services section for a 300-page document is $9,072. If the number of pages is less than 300, the cost may be less. The costs are detailed in the table below.

Task	Estimated Time Required	Rate per Hour ($)	Cost ($)
Technical editing, layout, and production tasks for a multi-author scientific document through draft and final versions; creating PDF files	2 pages per hour for a 300-page document, or 150 hours	56	8,400
Participation in planning and tracking meetings	12 hours	56	672
Total Cost	162 hours	56	9,072

The following assumptions have been used in developing the costs:

1. The editor will not be tasked with reproduction of multiple review copies of the document. The editor will provide a single review copy for use in preparing and distributing copies for review and comment.
2. No major software purchases (exceeding $200 each) will be required for use in editing and tracking the document. Microsoft Office 2000 package and scanning software already licensed to the editor will be sufficient for online editing. Software licenses for other specialized software owned by the Trustee Council will be loaned to the editor, if necessary, during the project.
3. The total number of document pages includes the table of contents, cover, title sheet, graphics, tables and all appendices and attachments.

The contractor shall invoice for services at completion of each deliverable. The final payment will be made after all deliverables are received and approved. The final billing shall have the statement "final billing." Up to ten percent of the contract amount may be withheld by the state as final payment in order to ensure that the Contractor has completed all terms of the contract.

The state will make every attempt to process the Contractor's invoices promptly. Interest or late fees will not be paid on this contract for late payments.

GEM Monitoring and Research Plan
Discussion Draft Outline
April 13, 2001

Table of Contents
Acknowledgements
Foreword: Description of process of developing GEM monitoring & research plan

Executive Summary

Section A. Introduction to and Need for GEM Program

I. GEM Mission & Goals

II. Responding to regional needs in resource management
   a. Human uses (from I.C. – H April 2000; use Table 1, highlight Table 1 species)
   b. Resource management issues (from I.C. – H April 2000; use Table 1, highlight Table 1 species)

III. Building on the lessons of the past (re-written and focused IV.A.; use Table 1, highlight Table 1 species)

Section B. Our Scientific Understanding of the Northern Gulf of Alaska—"The State of the Gulf"

IV. Scientific Background

GOA Ecosystem – Section IV. C. in GEM Science Program document, updated and revised to incorporate evidence for GEM reference species (Table 2 "e")
   a. The Gulf of Alaska
   b. Climate
   c. Terrestrial Boundaries
   d. Marine-Terrestrial Linkages
   e. Physical and Geological Oceanography: Coastal Boundaries & Coastal and Ocean Circulation
   f. Chemical Oceanography: Marine Nutrients and Fertility
   g. Biological Oceanography: Plankton
   h. Nearshore communities: Intertidal and subtidal
   i. Forage Species

j. Seabirds
k. Fish and Shellfish
l. Marine Mammals

V. Conceptual Foundation from Watersheds to the Alaska Gyre

a. Overview
b. Terrestrial-marine linkages: the watersheds and shorelines
c. Intertidal-subtidal; the nearshore environment
d. Alaska Coastal Current to the continental shelf break
e. Beyond the continental shelf break: the Alaska Current and the Alaska Stream
f. Interactions between Ocean and Atmosphere

Section C. Draft Monitoring and Research Plan

VI. Narrative GAP analysis (Tables 1 and 2)
   a. Monitoring elements
      1. Core
      2. Augmented
   b. Synthesis and Research
      1. Ecosystem process studies
      2. Modeling
      3. Retrospective analysis
      4. Management tools
      5. Data management and information transfer

VII. Draft Plan FY 2003 – FY 2007

   a. Monitoring elements
      1. Core
         A. Watershed
         B. Nearshore
         C. Alaska Coastal Current
         D. Alaska Current
      2. Augmented
         A. Watershed
         B. Nearshore
         C. Alaska Coastal Current
         D. Alaska Current

      3. Technology development

b. Framework for Synthesis and Research
    1. Ecosystem process studies
    2. Modeling
    3. Retrospective analysis
    4. Management tools
    5. Data management and information transfer

c. Public Information, Science management, Administration

IX. Literature Cited

X. Guide to Related Monitoring and Research Activities

a. Acronyms & links for related activities
b. Glossary of agencies and programs
c. Summary of related monitoring and research activities
d. List of common and scientific names of fish and invertebrates

Exxon Valdez Oil Spill Trustee Council

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

MEMORANDUM

TO: Ted Otis, PI
Alaska Department of Fish and Game

FROM: Molly McCammon
Executive Director

RE: Extension of Due Date: Final Report
Project 00366 / Improved Salmon Escapement Enumeration Using Remote Video and Time-Lapse Recording Technology

DATE: April 12, 2001

This memo is to confirm an extended due date of May 1, 2001 for your final report on Project /366, Improved Salmon Escapement Enumeration Using Remote Video and Time-Lapse Recording Technology. I understand this extension is needed to allow proper completion of the report.

cc: Claudia Slater, ADF&G Liaison

Exxon Valdez Oil Spill Trustee Council

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

February 9, 2001

Elgee, Rehfeld and Funk
9309 Glacier Highway, Suite B 200
Juneau, Alaska 99801

In connection with your audit of the financial statements of *Exxon Valdez* Oil Spill Trustee Council, (Council) Trust Funds as of and for the year ended September 30, 2000, for the purpose of expressing an opinion as to whether the financial statements present fairly, in all material respects, the cash balances of the Joint Trust Account and NRDA&R and the financial position of the Settlement Trust as of and for the year ended September 30, 2000, and the results of their operations for the year then ended on the basis of accounting described in Note 2 for the Joint Trust Account and NRDA&R, and in conformity with generally accepted accounting principles for the Settlement Trust, we confirm, to the best of our knowledge and belief, the following representations made to you during your audit.

1. We are responsible for the fair presentation in the financial statements of financial position and results of operations of the Trust Funds in conformity with generally accepted accounting principles.

2. We have made available to you all—

   a. Financial records and related data.

   b. Resolutions made at meetings of the Council or summaries of actions of recent meetings for which minutes have not yet been prepared.

3. There have been no—

   a. Instances of fraud involving management or employees who have significant roles in the internal control structure.

   b. Instances of fraud involving other employees that could have a material effect on the financial statements.

   c. Communications from regulatory agencies concerning noncompliance with, or deficiencies in, financial reporting practices that could have a material effect on the financial statements.

4. We have no plans or intentions that may materially affect the carrying value or classification of assets, liabilities, or fund balances.

5. The following have been properly recorded or disclosed in the financial statements:

   a. Related party transactions and related accounts receivable or payable, including revenues, expenditures, and commitments.

6. There are no—

a. Violations or possible violations of laws or regulations (including those pertaining to adopting and amending budgets) whose effects should be considered for disclosure in the financial statements or as a basis for recording a loss contingency.

b. Other material liabilities or gain or loss contingencies that are required to be accrued or disclosed by Statement of Financial Accounting Standards No. 5.

c. Reservations or designations of fund equity that were not properly authorized and approved.

7. There are no unasserted claims or assessments that our lawyer has advised us are probable of assertion and must be disclosed in accordance with Statement of Financial Accounting Standards No. 5.

8. There are no material transactions that have not been properly recorded in the accounting records underlying the financial statements.

9. We are responsible for the Council's compliance with laws and regulations applicable to it; and we have identified, and disclosed to you, all laws and regulations that have a direct and material effect on the determination of financial statement amounts. We have complied with all aspects of laws, regulations, and contractual agreements that would have a material effect on the financial statements in the event of noncompliance.

10. We have identified all accounting estimates that could be material to the financial statements, including the key factors and significant assumptions underlying those estimates, and we believe the estimates are reasonable in the circumstances.

11. Subsequent to the balance sheet date, all funds were removed from the Court Registry Investment System, as disclosed in Note 10. No other events have occurred subsequent to the balance sheet date that would require adjustments to, or disclosure in, the financial statements.

12. We understand that you plan to report a material weakness with respect to your Report on Compliance and on Internal Control Over Financial Reporting Based on and Audit of financial Statements Performed in Accordance with *Government Auditing Standards* with respect to the U.S. Department of the Interior, Natural Resource Damage Assessment and Restoration Funds due to inadequate accounting records at the U.S. Department of Agriculture, U.S. Forest Service.

13. We understand that you plan to disclaim your supplementary opinion with respect to the Department of Agriculture, United States Forest Service Schedule of Expenditures and Obligations – Budget and Actual and the Schedule of Fiscal 1999 *Work Plan* Status as of September 30, 2000.

Signed: Molly McCammon
Molly McCammon

Title: Executive Director
Executive Director

Date: 2/9/01

Signed: Debbie Hennigh
Debbie Hennigh

Title: Special Assistant
Special Assistant

Date: Feb. 9, 2001

Exxon Valdez Oil Spill Trustee Council

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

April 11, 2001

David B. Allen
Regional Director
US Fish & Wildlife Service
1011 East Tudor Road
Anchorage, AK 99503-6199

Dear ~~David:~~ Dave

The outstanding performance awards presented to US Fish and Wildlife Service personnel that did not meet the audit FY 00 "necessary cost" test guidelines of project expenditures were approved for this year's audit only. Therefore, it is not necessary to request Trustee Council approval.

We will be revising our procedures document in the next 18 months and will review your request that we change the procedures to allow the Service to give outstanding performance awards as part of the personnel budget. When the procedures are revised, the Service will be included in the review process.

Thank you for your attention to this matter.

Sincerely,

Molly McCammon
Executive Director

Exxon Valdez Oil Spill Trustee Council

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

MEMORANDUM

TO: Kate Lindner, University of Montana

FROM: Molly McCammon
Executive Director

RE: Extension of Due Date: FY 00 Annual Report
Project 00190 / Construction of a Linkage Map for the Pink Salmon Genome

DATE: April 11, 2001

This memo is to confirm an extended due date of July 1, 2001 for your annual report on Project 00190/Construction of a Linkage Map for the Pink Salmon Genome. I understand this extra time is needed due to the sabbatical schedule of Dr. Allendorf, the project's principal investigator.

cc: Claudia Slater, ADF&G Liaison

Exxon Valdez Oil Spill Trustee Council

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

MEMORANDUM

TO: Investment Working Group

FROM: Debbie Hennigh

DATE: April 11, 2001

RE: Additional Materials from April 3, 2001 Trustee Council Meeting

Attached are the additional materials that were handed out at the Trustee Council meeting for those of you who did not receive them in time for the meeting. I will be providing the Department of Revenue March reports as soon as they are available on the Internet (estimate after 4/16/01).

Molly wanted me to thank everyone for being on-line during the investment portion of the meeting and for being so helpful.

EVOS INVESTMENT FUND
PRELIMINARY SUMMARY OF MARCH 2001 ACTIVITY

Since reports for March 2001 activity in the EVOS Investment Fund will not be available until the tenth working day of April 2001, this summary information is provided.

Total invested assets as of February 28, 2001	$132,423,094
Total invested assets as of March 31, 2001	$127,870,592
Total Investment Income (Loss)	$ 4,552,502

Asset Allocation

	Policy & Band	Current Allocation
Domestic Fixed Income	42% (35% - 49%)	47.83%
Domestic Equities	41% (34% - 48%)	36.07%
International Equities	17% (12% - 22%)	16.02%
Cash		0.07%
Total		99.99%

STATE OF ALASKA
DEPARTMENT OF REVENUE
TREASURY DIVISION

Exxon Valdez Oil Spill Investment Fund

STATEMENT OF INVESTED ASSETS

February 28, 2001

Investments (at fair value)		2001
Cash and cash equivalents		
Short-term Fixed Income Pool	$	93,846
Marketable debt and equity securities		
Broad Market Fixed Income Pool		60,852,550
Non-retirement Domestic Equity Pool		49,329,178
SOA International Equity Pool		22,147,519
Total invested assets	$	132,423,094

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 February 28, 2001

	CURRENT MONTH	YEAR TO DATE
Investment Income		
Cash and cash equivalents		
Short-term Fixed Income Pool	$ 440	$ 93,357
Marketable debt and equity securities		
Non-pooled investments	0	61,799
Broad Market Fixed Income Pool	561,326	4,144,550
Non-retirement Domestic Equity Pool	(4,960,569)	(5,670,822)
SOA International Equity Pool	(1,227,289)	(852,481)
Total income from marketable debt and equity securities	(5,626,532)	(2,316,953)
Total investment income (loss)	(5,626,092)	(2,223,596)
Total invested assets, beginning of period	138,049,185	0
Net contributions (withdrawals)	0	134,646,690
Total invested assets, end of period	$ 132,423,094	$ 132,423,094

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 February 28, 2001

	Asset Allocation		Fair value	Current Allocation	Variance
	Policy	Range			
Cash and cash equivalents					
Short-term Fixed Income Pool	0.00%		93,406	0.07%	-0.07%
Total cash and cash equivalents	0.00%		93,406	0.07%	-0.07%
Marketable debt and equity securities					
Broad Market Fixed Income Pool	41.00%	34% - 48%	60,852,550	45.95%	-4.95%
Non-retirement Domestic Equity Pool	42.00%	35% - 49%	49,329,178	37.25%	4.75%
SOA International Equity Pool	17.00%	12% - 22%	22,147,519	16.72%	0.28%
Total marketable debt securities	100.00%		132,329,248	99.93%	0.07%
Total holdings	100.00%		132,422,653	100.00%	0.00%
Short-term Fixed Income Pool Interest Receivable			440		
Total Invested Assets at Fair Value			132,423,094		

Prepared by: Treasury Division
Printed: 3/7/01 at 10:59 AM
Filename: EVOS_0201 policy

Exxon Valdez Oil Spill Investment Fund

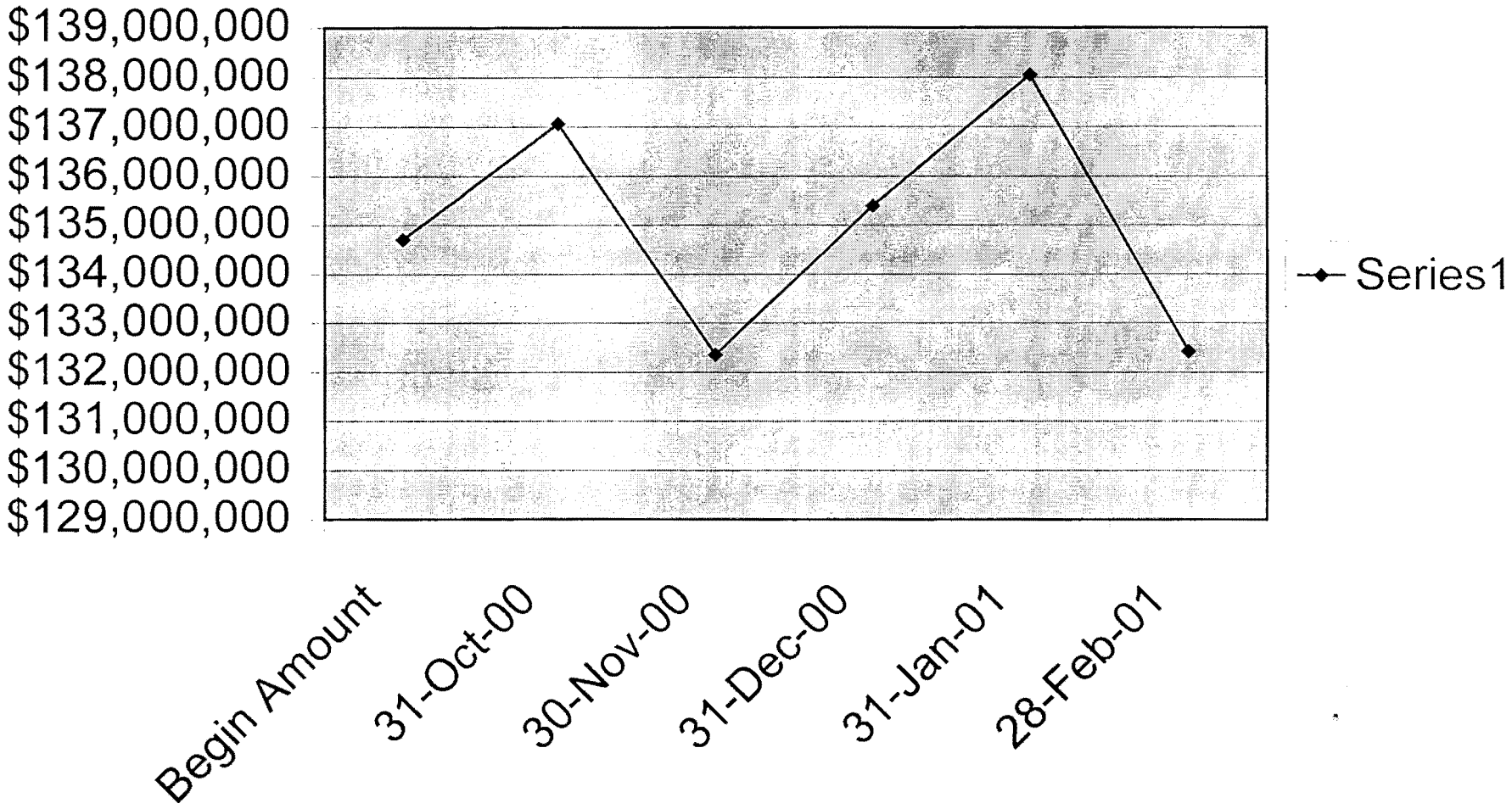
Period Ending February 28, 2001

	Mkt Value ($M)	Monthly Return	3 Mo. Return	YTD	Fiscal YTD	Inception to Date*
AY02 EVOS Investment Fund	**132,423**	**-4.08**	**0.05**	**-2.20**	**-**	**-3.45**
EVOS Investment Fund Index		**-4.66**	**-0.65**	**-2.67**	**-4.83**	-4.36
Short-term Fixed Income Pool	94	0.47	1.77	1.09	-	2.34
91 day T-Bill		0.38	1.6	1.04	4.24	2.15
AY73 Broad Market Fixed Income Pool	60,853	0.93	4.79	2.64	-	6.61
Lehman Brothers Aggregate Index		0.87	4.42	2.51	10.06	6.13
Non-Retirement Domestic Equity Pool (Russell 3k)	49,329	-9.14	-4.49	-6.11	-	-13.26
Russell 3000 Index		-9.14	-4.45	-6.03	-13.86	-13.27
AY66 SOA International Equity Pool	22,148	-5.25	-1.74	-5.67	-	-4.13
Morgan Stanley Capital Intl. (EAFE)		-7.5	-4.26	-7.55	-17.28	-7.85

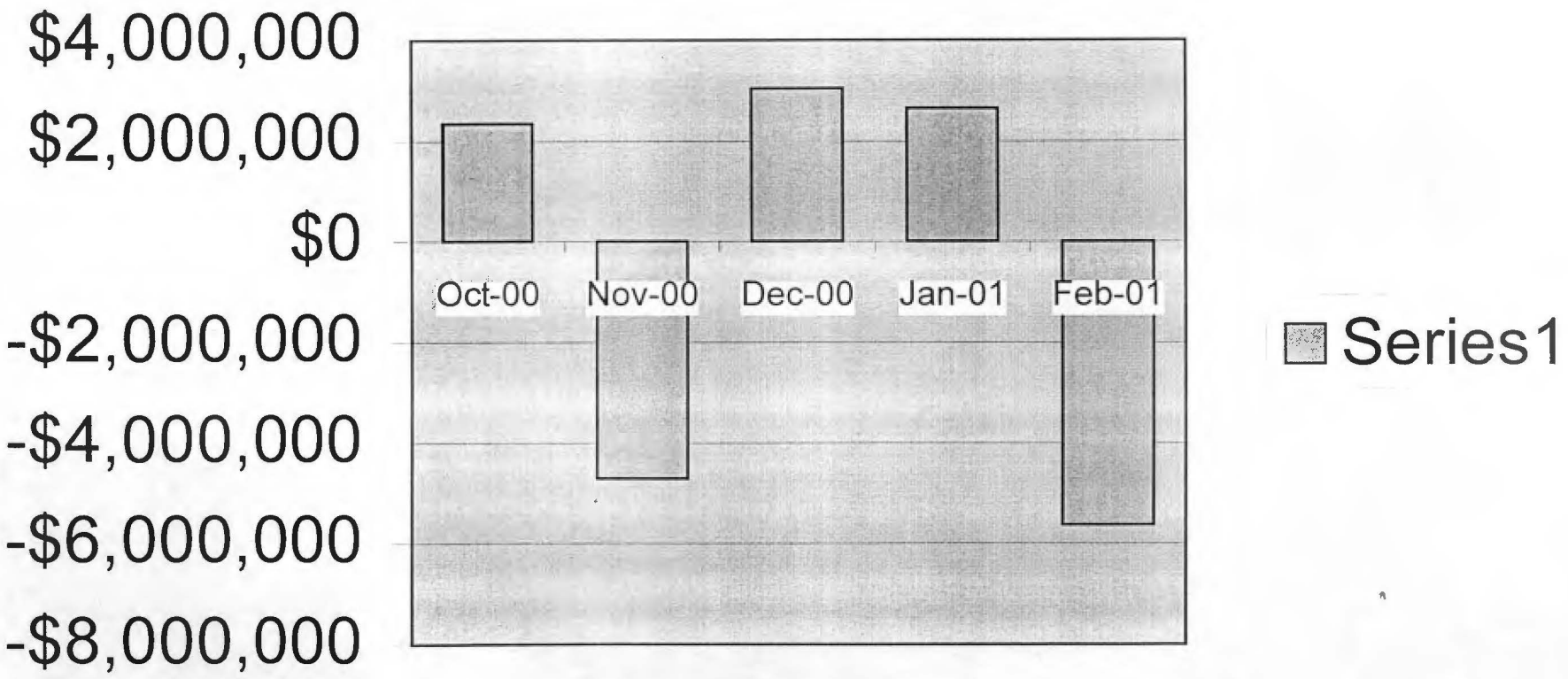
Source: State Street Bank, Insight.

* October 31, 2000-February 28, 2001

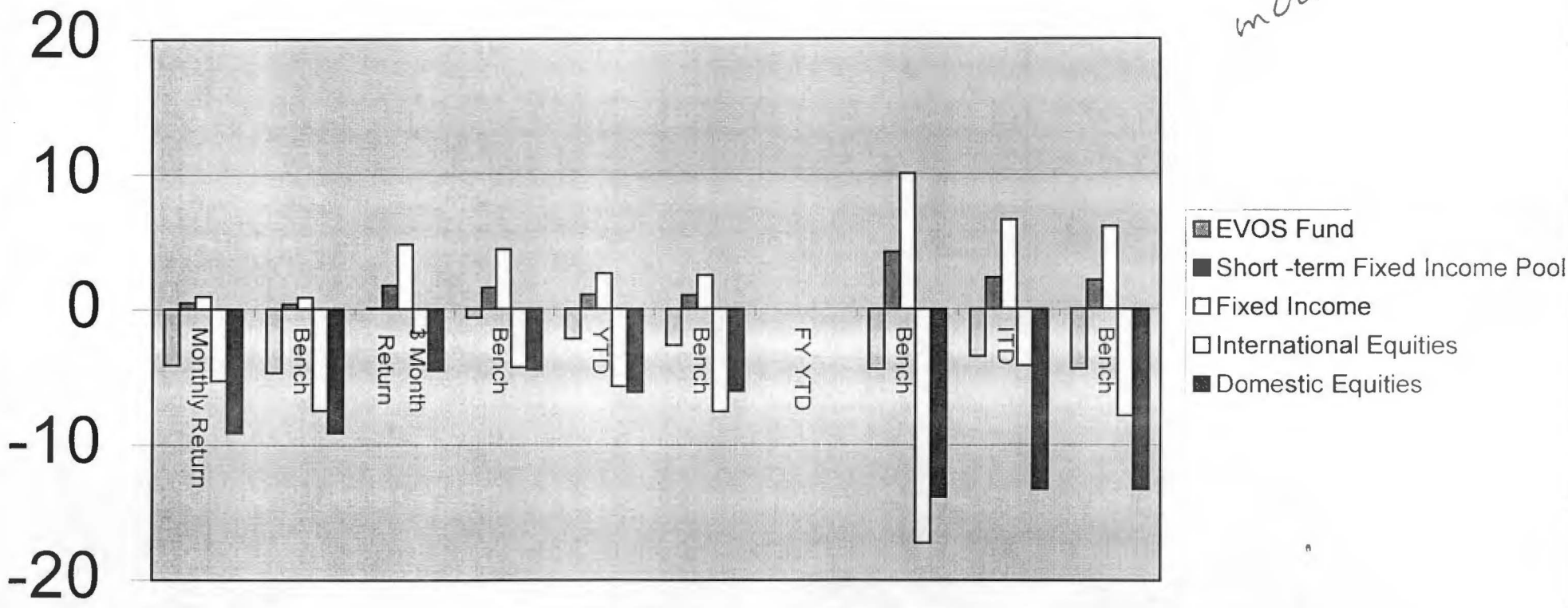
Investment Fund Assets



Investment Fund Earnings (Loss)



February 2001 Performance Measurement



Exxon Valdez Oil Spill Trustee Council

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

MEMORANDUM

TO: Shawn Hunstock, Alaska Department of Fish and Game
Divina Pelayo, Alaska Department of Fish and Game
Claudia Slater, Alaska Department of Fish and Game
Laura Beason, Alaska Department of Environmental Conservation
Marianne See, Alaska Department of Environmental Conservation
Carol Fries, Alaska Department of Natural Resources
Ken Holbrook, U.S. Department of Agriculture, Forest Service
Bob Baldauf, U.S. Department of the Interior
Catherine Berg, U.S. Department of the Interior
Dede Bohn, U.S. Department of the Interior
Bud Rice, U.S. Department of the Interior
Stacey Masters, National Oceanic & Atmospheric Administration
Bruce Wright, National Oceanic & Atmospheric Administration
Bonnie McElmurry, U.S. Department of Agriculture, Forest Service

Brenda
Reading
File
Copy

FROM: Debbie Hennigh dh
Special Assistant

DATE: April 6, 2001

RE: FY 2001 Second Quarter Financial Reports

Pursuant to the Procedures of the *Exxon Valdez* Trustee Council expenditure and obligation activity are due thirty days following the end of each quarter. The purpose of this memorandum is to request that Quarterly Financial Information for the period ending **March 31, 2001** be submitted to this office by **April 30, 2001**.

Attached are two spreadsheets. The first spreadsheet is the 2001 Work Plan for your agency. The second spreadsheet incorporates other projects approved by the Trustee Council such as special projects and land acquisitions. Agencies are requested to use these spreadsheets to report expenditure and obligation activity for the period ending March 31, 2001.

If you have any questions, give me a call at (907) 278-8012.

Attachments

cc: Molly McCammon

Exxon Valdez Oil Spill
For the Period Ending March 31, 2001
Alaska Department of Fish and Game
Fiscal Year 2001

Project Number	Project Description	Authorized	Adjustments	Adjusted Authorization	As of 12/31/00 Expenditures	As of 12/31/00 Obligations	As of 3/31/01 Expenditures	As of 3/31/01 Obligations	Expended/ Obligated	Unobligated Balance
01052	Community Involvement/Traditional Ecological Knowledge	201,900		201,900	0	0			0	201,900
01064	Monitoring, Habitat Use, and Trophic Interactions of Harbor Seals in Prince William Sound	22,600		22,600	0	0			0	22,600
01100	Public Information, Science Management and Administration	1,063,900		1,063,900	229,944	51,431			281,375	782,525
01126	Habitat Protection and Acquisition Support	15,800		15,800	2,137	349			2,486	13,314
01131	Chugach Native Region Clam Restoration	10,500		10,500	0	10,005			10,005	495
01190	Construction of a Linkage Map for the Pink Salmon Genome	400,900		400,900	145,624	228,065			373,689	27,211
01210	Youth Area Watch	107,000		107,000	0	101,220			101,220	5,780
01245	Community-Based Harbor Seal Management and Biological Sampling	40,000		40,000	10,461	14,462			24,923	15,077
01247	Kametolook River Coho Salmon Subsistence Project	22,700		22,700	3,907	9,627			13,534	9,166
01250	Project Management	92,200		92,200	22,441	2,091			24,532	67,668
01256B	Sockeye Salmon Stocking at Solf Lake	6,500		6,500	0	0			0	6,500
01273	Surf Scoter Life History and Ecology	50,100		50,100	14,386	1,028			15,414	34,686
01340	Toward Long-Term Oceanographic Monitoring of the Gulf of Alaska Ecosystem	72,000		72,000	0	0			0	72,000
01341	Harbor Seal Recovery: Controlled Studies of Health and Diet	82,200		82,200	0	77,741			77,741	4,459
01366	Improved Salmon Escapement Enumeration Using Remote Video and Time-Lapse Recording Technology	11,300		11,300	1,748	192			1,940	9,360
01371	Effects of Harbor Seal Metabolism on Stable Isotope Ratio Tracers	92,900		92,900	0	87,863			87,863	5,037
01385	Modeling Biodiversity in Kachemak Bay	11,000		11,000	5,312	244			5,556	5,444
01389	3-D Ocean State Simulations for Ecosystem Applications from 1985-98 in Prince William Sound	142,500		142,500	0	60,121			60,121	82,379
01391	CIIMMS: Cook Inlrt Information/Monitoring System	27,100		27,100	470	610			1,080	26,020
01407	Harlequin Duck Population Dynamics	67,600		67,600	0	0			0	67,600
01423	Patterns and Processes of Population Changes in Selected Nearshore Vertebrate Predators	143,300		143,300	128,933	1,638			130,571	12,729
01441	Harbor Seal Recovery: Effects of Diet on Lipid Metabolism and Health	93,500		93,500	11,113	78,077			89,190	4,310

Exxon Valdez Oil Spill
For the Period Ending March 31, 2001
Alaska Department of Fish and Game
Fiscal Year 2001

Project Number	Project Description	Authorized	Adjustments	Adjusted Authorization	As of 12/31/00 Expenditures	As of 12/31/00 Obligations	As of 3/31/01 Expenditures	As of 3/31/01 Obligations	Expended/ Obligated	Unobligated Balance
01455	Gulf Ecosystem Monitoring & Research Program Data System	35,700		35,700	0	0			0	35,700
01462	Effects of Disease on Pacific Herring Population Recovery in Prince William Sound	86,000		86,000	10,400	1,045			11,445	74,555
01478	Testing Satellite Tags as a Tool for Identifying Critical Habitat (bench fees)	19,900		19,900	17,767	227			17,994	1,906
01481	Documentary Film on the Oil Spill Impacts on Subsistence Use of Intertidal Resources	111,800		111,800	1,865	81,009			82,874	28,926
01513	EVOS Exhibit: The Continuing Legacy	50,300		50,300	0	47,575			47,575	2,725
01535	EVOS TC Restoration Program Final Report	73,500		73,500	19,183	1,568			20,751	52,749
01538	Northwest Gulf of Alaska Herring Stock Identification	4,000		4,000					0	4,000
01543	Evaluation of Oil Remaining in Intertidal from EVOS	2,300		2,300	1,394	52			1,446	854
01550	Alaska Resources Library and Information Services	86,900		86,900	18,558	1,969			20,527	66,373
01558	Harbor Seal Recovery (includes bench fees)	280,200		280,200	144,018	115,406			259,424	20,776
01610	Kodiak island Youth Area Watch	61,800		61,800	0	0			0	61,800
01630	Program	33,300		33,300	5,228	174			5,402	27,898
	Unbilled GA			0	21,743				21,743	-21,743
				0					0	0
	Total	3,623,200		3,623,200	816,632	973,789			1,790,421	1,832,779

Exxon Valdez Oil Spill Trustee Council
Quarterly Report as of March 31, 2001
(Other Authorizations)

DRAFT

Agency	Description	1995	1996	1997	1998	1999	2000	2001	Total	Expenditures	Obligations	Expended/ Obligated	Unobligated Balance	Lapse
ADF&G	Alaska SeaLife Center	12,500,000	12,456,000	724,000					25,680,000	25,626,852	43,564	25,670,416	9,584	
ADF&G	Alaska SeaLife Center Fish Pass (97197)			545,600					545,600	542,710	500	543,210	2,390	
ADF&G	Kenai Habitat Restoration & Recreation Enhancement Project (97180)			183,500					183,500	165,130		165,130	18,370	18,370
ADF&G	Kenai Habitat Restoration & Recreation Enhancement Project (98180)				161,200	-21,400			139,800	101,364		101,364	38,436	38,436
ADF&G	Port Graham Salmon Hatchery Reconstruction (99405)					777,500			777,500	770,000	0	770,000	7,500	
	Total	**12,500,000**	**12,456,000**	**1,453,100**	**161,200**	**756,100**	**0**	**0**	**27,326,400**	**27,206,056**	**44,064**	**27,250,120**	**76,280**	**56,806**
													56,806	
													19,474	

Exxon Valdez Oil Spill
For the Period Ending March 31, 2001
Alaska Department of Environmental Conservation
Fiscal Year 2001

Project Number	Project Description	Authorized	Adjustments	Adjusted Authorization	As of 12/31/00 Expenditures	As of 12/31/00 Obligations	As of 3/31/01 Expenditures	As of 3/31/01 Obligations	Expended/ Obligated	Unobligated Balance
01100	Public Information, Science Management and Administration	21,600		21,600	3,638	2,571			6,209	15,391
01250	Project Management	19,100		19,100	2,766	2,500			5,266	13,834
01391	CIIMMS: Cook Inlet Information/Monitoring System	56,400		56,400	0	56,400			56,400	0
01543	Evaluation of Oil Remaining in the Intertidal from the Exxon Valdez Oil Spill	2,300		2,300	0	300			300	2,000
01630	Planning for Long-term Research and Monitoring Program	9,500		9,500	783	1,200			1,983	7,517
	Total	108,900		108,900	7,187	62,971			70,158	38,742

Exxon Valdez Oil Spill Trustee Council
Quarterly Report as of March 31, 2001
(Other Authorizations)

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Agency	Description	1995	1996	1997	1998	1999	Total	Expenditures	Obligations	Expended/ Obligated	Unobligated Balance	Lapse
ADEC	Alutiiq Archeological Repository						1,500,000	1,500,000	0	1,500,000	0	
ADEC	Chenega-Area Residual Oiling Reduction (96291/97291 - Audited)*		0	1,732,000			1,732,000	1,526,104	0	1,526,104	205,896	205,896
ADEC	Implementation of the Sound Waste Management Plan (97115 - Audited)			1,167,900			1,167,900	1,167,732	0	1,167,732	168	168
ADEC	Kodiak Island Borough Master Waste Management Plan (99304)**					1,857,100	1,857,100	0	1,509,670	1,509,670	347,430	
	Total	**0**	**0**	**2,899,900**	**0**	**1,857,100**	**6,257,000**	**4,193,836**	**1,509,670**	**5,703,506**	**553,494**	**206,064**

Based on a request from the Department of Environmental Conservation, $289,400 in authority was shifted between the Fiscal Year 1996 and Fiscal Year 1997 to address delays associated with the Chenega-Area Residual Oiling project.

***97291** $15,000 --- Extended from 9/30/00 to 9/30/01 for completion of final report.

****99304**: $1,857,100 --- Extended from 9/30/01 to 9/30 03 to accomodate new schedule for project completion. Delay due to personnel changes at Kodiak Island Borough.

Chenega Oiling (96291/97291) Audited Expenditures & Obligations			1,550,101
	FFY96	0	
	FFY97	1,550,101	
Sound Waste Management (97115) Audited Expenditures & Obligations			1,167,732
	FFY96		
	FFY97	1,167,732	

Exxon Valdez Oil Spill
For the Period March 31, 2001
Alaska Department of Natural Resources
Fiscal Year 2001

Project Number	Project Description	Authorized	Adjustments	Adjusted Authorization	As of 12/31/00 Expenditures	As of 12/31/00 Obligations	As of 3/31/01 Expenditures	As of 3/31/01 Obligations	Expended/ Obligated	Unobligated Balance
01100	Public Information, Science Management and Administration	331,600		331,600	72,524	231,403			303,927	27,673
01126	Habitat Protection and Acquisition Support	111,300		111,300	18,542	17,961			36,503	74,797
01250	Project Management	17,000		17,000	4,349	0			4,349	12,651
01391	CIIMMS: Cook Inlet Information/Monitoring System	142,000		142,000	9,990	52,564			62,554	79,446
01543	Evaluation of Oil Remaining in the Intertidal from the Exxon Valdez Oil Spill	2,300		2,300	728	0			728	1,572
01630	Planning for Long-term Research and Monitoring Program	181,300		181,300	20,181	25,186			45,367	135,933
				0						
	Total	785,500		785,500	126,314	327,114			453,428	332,072

Exxon Valdez Oil Trustee Council
Quarterly Report as of March 31, 2001
(Other Authorizations)

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Agency	Description	1996	1997	1998	1999	2000	2001	Total	Expenditures	Obligations	Expended/ Obligated	Unobligated Balance	Lapse
ADNR	Kachemak Bay							7,500,000	7,500,000	0	7,500,000	0	
ADNR	Seal Bay/Afognak Land Purchases	3,294,667	3,075,625					39,549,334	39,549,334	0	39,549,334	0	
ADNR	Afognak Joint Ventures				50,357,990	23,025,833		73,383,823	72,758,783	514,559	73,273,342	110,481	110,481
ADNR	Shuyak	8,000,000	2,194,268	4,000,000	4,000,000	4,000,000	4,000,000	26,194,268	26,194,266	0	26,194,266	2	
ADNR	Small Parcels	5,020,500	3,738,000	996,100	770,000	664,800		11,189,400	11,189,400	0	11,189,400	0	
ADNR	Kenai Habitat Restoration & Recreation Enhancement Project (97180 - Audited) Lapse 9/30/00		336,279					336,279	336,279		336,279	0	
ADNR	Kenai Habitat Restoration & Recreation Enhancement Project (98180 - Audited) Lapse 9/30/01			262,300				262,300	262,300		262,300	0	
ADNR	Kenai Habitat Restoration & Recreation Enhancement Project (99180) Lapse 9/30/02				199,600			199,600	194,818	4,774	199,592	8	
00180-CLO	Kenai Habitat Restoration & Recreation Enhancement (00180) Lapse 9/30/03					10,700		10,700	7,962	1,100		1,638	
ADNR	Prince William Sound and Lower Cook Inlet Archaeological Repository: Grant (99154) Lapse 9/30/02				89,000	180,000	1,611,000	1,880,000	149,000	120,000	269,000	1,611,000	
ADNR	Prince William Sound and Lower Cook Inlet Archaeological Repository: Support costs (99154)				40,400	23,400	64,300	128,100	33,930	8,155	42,085	86,015	
	Total	**16,315,167**	**9,344,172**	**5,258,400**	**55,456,990**	**27,904,733**		**160,633,804**	**158,176,072**	**648,588**	**158,815,598**	**1,809,144**	**110,481**

In a resolution dated January 22, 1999, the Trustee Council authorized $2,800,000 for a grant to Chugachniut, Inc., to develop an archaeological repository for Prince William Sound and lower Cook Inlet, local display areas in seven communitities in those regions, and travel exhibits to display in the local facilities. On September 8, 1999, the Trustee Council approved $89,000 of the grant, as well as $40,400 for support costs. Feb 2000 TC approved $180,000 of the grant & $23,400 in support costs. Aug 2000 TC approved $869,000 of the grant & $38,800 for support costs. Dec 2000 TC approved $742,000 of the grant & $25,500 for support costs.

SMALL PARCEL SUMMARY		Expended	Expended
KEN 10 Kobylarz	320,000	320,000	320,000
KEN 19 Coal Creek	260,000	260,000	260,000
KEN 29 Tulin	1,200,000	1,200,000	1,200,000
KEN 34 Cone	600,000	600,000	600,000
KEN 1006 Grives	1,835,000	1,835,000	1,835,000
PWS 17 Ellamar	310,000	310,000	310,000
PWS 52 Hayward	150,000	150,000	150,000

Exxon Valdez Oil Spill Trustee Council
Quarterly Report as of March 31, 2001
(Other Authorizations)

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Agency	Description	1996	1997	1998	1999	2000	2001	Total	Expenditures	Obligations	Expended/ Obligated	Unobligated Balance	Lapse
	PWS 17A Ellamar	26,500							26,500		26,500		
	PWS 17B Ellamar	29,000							29,000		29,000		
	PWS 17C Hidden Treasure Lode	40,000							40,000		40,000		
	PWS 17D Central Alaska Mission	250,000							250,000		250,000		
	KEN 1015 Lowell Point		531,000						531,000		531,000		
	KEN 1049 Mansholt		55,000						55,000		55,000		
	PWS 11 Horseshoe Bay		475,000						475,000		475,000		
	KEN 1005 Ninilchik		50,000						50,000		50,000		
	KEN 148 River Ranch		1,650,000						1,650,000		1,650,000		
	KEN 1038 Roberts		698,000						698,000		698,000		
	KEN 55 Overlook Park		279,000						279,000		279,000		
	KEN 1060 Homer Spit-Mud Bay			422,100					422,100		422,100		
	KEN 1061 Beluga Slough			574,000					574,000		574,000		
	KEN 220 Mouth of the Ayakulik				80,000				80,000		80,000		
	KAP 226 Karluk River Lagoon				240,000				240,000		240,000		
	KEN 1034 Patson				450,000				450,000		450,000		
	KEN 1084 Morris Parcel					38,000			38,000		38,000		
	PWS 1056 Blandeau					626,800			626,800		626,800		
	Total Authorized	5,020,500	3,738,000	996,100	770,000	664,800		11,189,400	11,189,400	0	11,189,400		

Exxon Valdez Oil Spill
For the Period March 31, 2001
Department of the Interior
Fiscal Year 2001

Project Number	Project Description	Agency	Authorized	Adj.	Adjusted Authorized	As of 12/31/00 Expenditures	As of 12/31/00 Obligations	As of 3/31/01 Expenditures	As of 3/31/01 Obligations	Expended/ Obligated	Unobligated Balance
01100	Public Information, Science Management and Administration	SEC	23,500		23,500	5,000				5,000	18,500
01100	Public Information, Science Management and Administration	FWS	8,500		8,500	0				0	8,500
01100	Public Information, Science Management and Administration	NPS	8,500		8,500	0				0	8,500
01126	Habitat Protection and Acquisition Support	FWS	78,300	11,700	90,000	0				0	90,000
01126	Habitat Protection and Acquisition Support	SOL	4,800		4,800	1,783				1,783	3,017
01144	Common Murre Population Monitoring	FWS	46,500		46,500	0				0	46,500
01159	Surveys to Monitor Marine Bird Abundance in Prince William Sound during Winter and Summer 2000	FWS	25,000		25,000	0				0	25,000
01163	Alaska Predator Ecosystem Experiment in Prince William Sound and the Gulf of Alaska (APEX)	FWS	38,500		38,500	0				0	38,500
01163	Alaska Predator Ecosystem Experiment in Prince William Sound and the Gulf of Alaska (APEX)	USGS	37,500		37,500	0				0	37,500
01250	Project Management	USGS	34,500		34,500	13,805				13,805	20,695
01250	Project Management - J Irons	FWS	16,100		16,100	0				0	16,100
01327	Pigeon Guillemot Restoration Research at the Alaska SeaLife Center	USGS	86,900		86,900	59,100				59,100	27,800
01338	Survival of Adult Murres and Kittiwakes in Relation to Forage Fish Abundance	USGS	47,200		47,200	222				222	46,978
01391	CIIMMS: Cook Inlet Information/Monitoring System	USGS	13,500		13,500	553				553	12,947
01404	Archival Tags for Tracking King Salmon at Sea: Migrations, Biology, and Oceanographic Preferences in Prince William Sound	USGS	75,000		75,000	0				0	75,000
01423	Patterns and Processes of Population Change in Selected Nearshore Vertebrate Predators	FWS		12,200	12,200	0				0	12,200
01423	Patterns and Processes of Population Change in Selected Nearshore Vertebrate Predators	USGS	362,100	-12,200	349,900	29,774				29,774	320,126
01478	Testing Satellite Tags as a Tool for Identifying Critical Habitat	USGS	6,900		6,900	9,136				9,136	-2,236

Exxon Valdez Oil Spill
For the Period March 31, 2001
Department of the Interior
Fiscal Year 2001

Project Number	Project Description	Agency	Authorized	Adj.	Adjusted Authorized	As of 12/31/00 Expenditures	As of 12/31/00 Obligations	As of 3/31/01 Expenditures	As of 3/31/01 Obligations	Expended/ Obligated	Unobligated Balance
01479	Effects of Food Stress on Survival and Reproductive Performance of Seabirds	USGS	129,600		129,600	0				0	129,600
01534	P4501A Induction Comparison of Cytochromein Blood and Liver Cells of Sea Otters	USGS	19,900		19,900	0				0	19,900
01543	Evaluation of Oil Remaining in the Intertidal from the *Exxon Valdez* Oil Spill	USGS	2,300		2,300	0				0	2,300
01550	Alaska Resources Library and Information Services	BLM	42,200		42,200	0				0	42,200
01555	Can Stress Hormones Be Used as an Indication of Food Availiability and Reproductive Performance? An Experimental Approach	USGS	18,900		18,900	0				0	18,900
01599	Evaluation of Yakataga Oil Seeps as Regional Background Hydrocarbon Sources in Benthic Sediments of the Spill Area	USGS	3,000		3,000	0				0	3,000
01630	Planning for Long-term Research and Monitoring Program	FWS	7,200		7,200	0				0	7,200
01630	Planning for Long-term Research and Monitoring Program	USGS	13,800		13,800	0				0	13,800
					0					0	0
	Total		1,150,200		1,150,200	119,373				119,373	1,030,827

Exxon Valdez Oil Spill Trustee Council
Quarterly Report as of March 31, 2001
(Other Authorizations)

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Agency	Description	1997	1998	1999	2000	2001	Total	Expenditures	Obligations	Expended/ Obligated	Unobligated Balance	Lapse
DOI	Small Parcels	3,740,200	4,464,300	156,300	286,000	472,800	9,287,600	9,006,300	0	9,006,300	281,300	281,300
DOI	Old Harbor						11,250,000	11,250,000	0	11,250,000	0	
DOI	Akhiok-Kaguyak	7,500,000					36,000,000	35,942,240	57,760	36,000,000	0	
DOI	Koniag	4,500,000	4,500,000				21,500,000	17,000,000	0	17,000,000	4,500,000	
DOI	English Bay	14,128,074					14,128,074	13,713,644	414,430	14,128,074	0	
	Total	**29,868,274**	**8,964,300**	**156,300**	**286,000**	**472,800**	**92,165,674**	**86,912,184**	**472,190**	**87,384,374**	**4,781,300**	**281,300**
	SMALL PARCEL SUMMARY											
	KAP 105 Three Saints Bay							120,000		120,000		
	KAP 142 Three Saints Bay							48,000		48,000		
	KAP 99 Shugak (Kiliuda Bay)	155,200						155,200		155,200		
	KEN 54 Salamatof	2,540,000						2,540,000		2,540,000		
	KAP 135 Capjohn (Kiliuda Bay)	73,500						73,500		73,500		
	KAP 115 Johnson (Uyak Bay)	110,500						110,500		110,500		
	KAP 103 Silkalidak Strait - Kahutak	66,000						66,000		66,000		
	KAP 98 Silkalidak Strait - Pestrikoff	128,000						128,000		128,000		
	KAP 101 Silkalidak Strait -	52,000						52,000		52,000		
	KAP 131 Kiliuda Bay - Matfay	68,000						68,000		68,000		
	KAP 132 Silkalidak Strait - Peterson	256,000						256,000		256,000		
	KAP 114 Uyak Bay	154,000						154,000		154,000		
	KAP 91 Adonga	137,000						137,000		137,000		
	KEN 1051 Salamatof		149,500					149,500	0	149,500		
	KEN 1052 Salamatof		33,500					33,500		33,500		
	KAP Abston		281,300							0		
	KEN 1002-4 Kenai Native Assoc.		4,000,000					4,000,000		4,000,000		
	KAP 95 Inga			84,000				84,000		84,000		
	KAP 134 Ignatin			72,300				72,300		72,300		
	KAP 126 Christiansen				72,000			72,000				
	KAP 1090 Naumoff				16,000			16,000				
	KAP 1092 Tax				12,000			12,000				
	KAP 1093 Tax				12,000			12,000				
	KAP 1095 Tax				18,000			18,000				
	KAP 1096 Tax				11,000			11,000				
	KAP 1097 Tax				15,000			15,000				
	KAP 1099 Tax				15,000			15,000				
	KAP 2001 Tax				20,000			20,000				

Agency	Description	1997	1998	1999	2000	2001	Total	Expenditures	Obligations	Expended/ Obligated	Unobligated Balance	Lapse
	KAP 2002 Tax				15,000			15,000				
	KAP 2004 Tax				15,000			15,000				
	KAP 2005 Tax				17,000			17,000				
	KAP 2007 Tax				14,000			14,000				
	KAP 2024 Tax				16,000			16,000				
	KAP 1091 Easter				18,000			18,000				
	KAP 1089 Larsen Bay					13,000		13,000				
	KAP 1094 Larsen Bay					15,000		15,000				
	KAP 2003 Larsen Bay					16,000		16,000				
	KAP 2006 Larsen Bay					13,000		13,000				
	KAP 2009 Tax					16,000		16,000				
	KAP 2010 Tax					16,000		16,000				
	KAP 2011 Tax					18,000		18,000				
	KAP 2012 Tax					9,000		9,000				
	KAP 2013 Tax					18,000		18,000				
	KAP 2014 Tax					19,000		19,000				
	KAP 2015 Tax					12,000		12,000				
	KAP 2016 Tax					18,000		18,000				
	KAP 2017 Tax					18,000		18,000				
	KAP 2036 Larsen Bay					22,000		22,000				
	KAP 2038 Larsen Bay					18,000		18,000				
	KAP 2039 Larsen Bay					18,000		18,000				
	KAP 2040 Larsen Bay					11,000		11,000				
	KAP 2044 Larsen Bay					22,800		22,800				
	KAP 2045 Larsen Bay (in 2044)											
	KAP 2046 Larsen Bay					15,000		15,000				
	KAP 2048 Tax					12,000		12,000				
	KAP 2049 Tax					12,000		12,000				
	KAP 2050 Tax					11,000		11,000				
	KAP 2052 Tax					15,000		15,000				
	KAP 2053 Tax					9,000		9,000				
	KAP 2054 Tax					9,000		9,000				
	KAP 2055 Tax					18,000		18,000				
	KAP 2056 Tax					12,000		12,000				
	KAP 2057 Tax					14,000		14,000				
	KAP 2058 Tax					17,000		17,000				
	KAP 2059 Tax					12,000		12,000				
	KAP 2064 Larsen Bay					10,500		10,500				
	KAP 2065 Larsen Bay					13,500		13,500				

Exxon Valdez Oil Spill Trustee Council
Quarterly Report as of March 31, 2001
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Agency	Description	1997	1998	1999	2000	2001	Total	Expenditures	Obligations	Expended/ Obligated	Unobligated Balance	Lapse
	Total Authorized	3,740,200	4,464,300	156,300	286,000	472,800		9,006,300	0	8,247,500		

Exxon Valdez Oil Spill
For the Period March 31, 2001
US Forest Service
Fiscal Year 2001

Project Number	Project Description	Authorized	Adjust.	Adjusted Authorization	As of 12/31/00 Expenditures	As of 12/31/00 Obligations	As of 3/31/01 Expenditures	As of 3/31/01 Obligations	Expended/ Obligated	Unobligated Balance
01100	Public Information, Science Management and Administration	19,500		19,500	1,837				1,837	17,663
01126	Habitat Protection and Acquisition Support	46,200		46,200	12,137				12,137	34,063
01250	Project Management	12,200		12,200	631				631	11,569
01256	Sockeye Salmon Stocking at Solf Lake	17,900		17,900					0	17,900
01543	Evaluation of Oil Remaining in the Intertidal from the *Exxon Valdez* Oil Spill	28,100	-25,800	2,300					0	2,300
01630	Planning for Long-term Research and Monitoring Program	8,500		8,500	0				0	8,500
				0					0	0
	Total	132,400		132,400	14,605				14,605	117,795

Exxon Valdez Oil Spill Trustee Council
Quarterly Report as of March 31, 2001
(Other Authorizations)

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Agency	Description	1995	1996	1997	1998	1999	2000	2001	Total	Expenditures	Obligations	Expended/ Obligated	Unobligated Balance	Lapse
USFS	Orca Narrows - Easement Only	1,450,000							3,450,000	3,450,000	0	3,450,000	0	
USFS	Orca Narrows - Easement Only	200,000							200,000					
USFS	Small Parcels KEN 1014 Grouse Lake		211,000						211,000	211,000	0	211,000	0	
USFS	Small Parcels PWS 1028 Valdez Duck Flats								0			0	0	
USFS	Chenega-Area Residual Oiling Reduction (96291/97291 - Audited)		3,100	13,700					16,800	17,792	0	17,792	-992	-992
USFS	Chenega Bay			24,000,000					24,000,000	24,000,000	0	24,000,000	0	
USFS	Tatitlek				24,719,461				24,719,461			0	24,719,461	
USFS	Eyak					27,000,000	5,000,000		32,000,000			0	32,000,000	
USFS	Eyak - Proxy Reimbursement					96,850	29,854		126,704	29,854		29,854	96,850	
USFS	Kenai Habitat Restoration & Recreation Enhancement Project (97180 - Audited)			85,000					85,000	85,000		85,000	0	
USFS	Kenai Habitat Restoration & Recreation Enhancement Project (98180 - Audited)*				68,400				68,400	19,774		19,774	48,626	
USFS	Kenai Habitat Restoration & Recreation Enhancement Project (99179)					21,400			21,400	18,400	3,000	21,400	0	
USFS	Kenai Habitat Restoration & Recreation Enhancement Project (99180)					100,000			100,000	78,672		78,672	21,328	
USFS	Port Graham Salmon Hatchery Reconstruction (99405)					3,800			3,800			0	3,800	
	Total	1,650,000	214,100	24,098,700	24,787,861	27,222,050	5,029,854		85,002,565	27,910,492	3,000	27,913,492	56,889,073	-992

*98180: Kenai River Restoration $27,500 extended from 9/30/00 to 9/30/01.

Chenega Oiling Audited Expenditures & Obligations		17,792
FFY96	3,013	
FFY97	14,779	

Exxon Valdez Oil Spill
For the Period March 31, 2001
National Oceanic and Atmospheric Administration
Fiscal Year 2001

Project Number	Project Description	Authorized	Adjust.	Adjusted Authorization	As of 12/31/00 Expenditures	As of 12/31/00 Obligations	As of 3/31/01 Expenditures	As of 3/31/01 Obligations	Expended/ Obligated	Unobligated Balance
01012	Photographic and Acoustic Monitoring of Killer Whales in Prince William Sound and Kenai Fjords	74,500		74,500	69,600				69,600	4,900
01100	Public Information, Science Management and Administration	23,000		23,000	4,400				4,400	18,600
01163	Alaska Predator Ecosystem Experiment in Prince William Sound and the Gulf of Alaska (APEX)	123,600		123,600	93,500				93,500	30,100
01195	Pristane Monitoring in Mussels	55,000		55,000	35,600				35,600	19,400
01250	Project Management	93,200		93,200	17,400				17,400	75,800
01290	Hydrocarbon Database and Interpretation Service	35,000		35,000	24,700				24,700	10,300
01360	The *Exxon Valdez* Oil Spill: Guidance for Future Research Activities	241,600		241,600	225,800				225,800	15,800
01393	Prince William Sound Food Webs: Structure and Change	119,000		119,000	111,200				111,200	7,800
01396	Alaska Salmon Shark Assessment	85,000		85,000	24,700				24,700	60,300
01401	Assessment of Spot Shrimp Abundance in Prince William Sound	94,400		94,400	80,800				80,800	13,600
01452	Assessing Prey & Competitor/Predators of Pink Salmon Fry	57,600		57,600					0	57,600
01454	Evidence and Consequences of Persistent Oil Contamination in Pink Salmon Natal Habitats	103,200		103,200	73,300				73,300	29,900
01468	FEATS: Fundamental Estimations of Acoustic Target Strength	5,800		5,800	5,400				5,400	400
01476	Effects of Oiled Incubation Substrate on Pink Salmon Reproduction	94,200		94,200	37,600				37,600	56,600
01492	Were Pink Salmon Embryo Studies in Prince William Sound Biased?	62,100		62,100	26,900				26,900	35,200
01538	Evaluation of Two Methods to Discriminate Pacific Herring Stocks Along the Northern Gulf of Alaska	6,100		6,100					0	6,100
01543	Evaluation of Oil Remaining in the Intertidal from the *Exxon Valdez* Oil Spill	439,900	-8,700	431,200	177,800				177,800	253,400
01551	Checklist and Distributional Analysis of Marine Algal Species Collected as Vouchers Under CH1A	65,800		65,800	61,500				61,500	4,300
01552	Exchange Between Prince William Sound and the Gulf of Alaska	105,700		105,700	98,700				98,700	7,000

Exxon Valdez Oil Spill
For the Period March 31, 2001
National Oceanic and Atmospheric Administration
Fiscal Year 2001

Project Number	Project Description	Authorized	Adjust.	Adjusted Authorization	As of 12/31/00 Expenditures	As of 12/31/00 Obligations	As of 3/31/01 Expenditures	As of 3/31/01 Obligations	Expended/ Obligated	Unobligated Balance
01599	Evaluation of Yakataga Oil Seeps as Regional Background Hydrocarbon Sources in Benthic Sediments of the Spill Area	7,500		7,500	3,000				3,000	4,500
01630	Planning for Long-term Research and Monitoring Program	9,800		9,800					0	9,800
				0					0	0
	Total	1,902,000	-8,700	1,893,300	1,171,900				1,171,900	721,400

Exxon Valdez Oil Spill Trustee Council
Quarterly Report as of March 31, 2001
(Other Authorizations)

DRAFT

Agency	Description	1995	1996	1997	1998	1999	2000	2001	Total	Expenditures	Obligations	Expended/ Obligated	Unobligated Balance	Lapse
NOAA	Chenega-Area Residual Oiling Reduction (96291/97291/98291)		500	143,700	182,000				326,200	299,144		299,144	27,056	27,056
	Total	**0**	**500**	**143,700**	**182,000**	**0**	**0**		**326,200**	**299,144**	**0**	**299,144**	**27,056**	**27,056**
					Chenega Oiling Audited Expenditures & Obligations							299,144		
					FFY96				0					
					FFY97				119,187					
					FFY98				179,957					

Exxon Valdez Oil Spill Trustee Council

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

MEMORANDUM

TO: Stacy Masters
NOAA Contract Officer

FROM: Molly McCammon
Executive Director

RE: Extension of Due Date: FY 00 Final Report
Project 00287 / Seabird-Oceanographic Relationships in the Northern Gulf of Alaska: Integration with NSF/NOAA Study GLOBEC

DATE: April 6, 2001

This memo is to confirm an extended due date of May 15, 2001 for the final report on Project 00287/Seabird-Oceanographic Relationships in the Northern Gulf of Alaska: Integration with NSF/NOAA Study GLOBEC. I understand the PI needs this extension due to medical reasons.

Exxon Valdez Oil Spill Trustee Council

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

MEMORANDUM

TO: Stacy Masters
NOAA Contract Officer

FROM: Molly McCammon
Executive Director

RE: Extension of Due Date: FY 00 Final Report
Project 01551 / Checklist and Distributional Analysis of Marine Algal Species Collected as Vouchers Under Project CH1A

DATE: April 6, 2001

This memo is to confirm an extended due date of September 1, 2001 for the final report on Project 01551/Checklist and Distributional Analysis of Marine Algal Species Collected as Vouchers Under Project CH1A. I understand that this additional time is needed to allow the PI to properly complete the manuscript and final report funded under this project.

Exxon Valdez Oil Spill Trustee Council

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

MEMORANDUM

TO: Lisa Scarbrough, PI
Subsistence Division, ADF&G

FROM: Molly McCammon
Executive Director

RE: Extension of Due Date: FY 00 Annual Report
Project 00247 / Kametolook River Coho Salmon Subsistence Project

DATE: April 5, 2001

This memo is to confirm an extended due date of August 15, 2001 for your annual report on Project 00247/Kametolook River Coho Salmon Subsistence Project. I understand this extension is needed due to your reduced work schedule.

cc: Claudia Slater, ADF&G Liaison

Exxon Valdez Oil Spill Trustee Council

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

MEMORANDUM

TO: Dede Bohn
USGS Liaison

FROM: Molly McCammon
Executive Director

RE: Extension of Due Date: FY 01 Final Report
Project 01555 / Can Stress Hormones Be Used As an Indication of Food Availability and Reproductive Performance? An Experimental Approach

DATE: April 5, 2001

This memo is to confirm an extended due date of April 30, 2001 for your final report on Project 01555/Can Stress Hormones Be Used As an Indication of Food Availability and Reproductive Performance? An Experimental Approach. I understand this extension is needed due to the fact that the food regurgitation data was only recently received by the PI.

Exxon Valdez Oil Spill Trustee Council

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

April 4, 2001

Julie Olson
Elgee, Rehfeld & Funk
9309 Glacier Highway, Suite B-200
Juneau, AK 99801

Dear Julie:

Enclosed are original versions of US Fish and Wildlife Service's and US Geological Survey's responses to the management letter. Bob Baldauf faxed me a copy for the Office of the Secretary and I requested that he mail an original. I will send it as soon as I receive it. I believe you have US Forest Service's original response. I emailed Bruce Wright on Tuesday that I needed NOAA's response; however, I have not heard from him. I will follow-up with a phone call.

Sincerely,

Debbie Hennigh

Debbie Hennigh
Special Assistant

Enclosures

IN REPLY REFER TO:

United States Department of the Interior

FISH AND WILDLIFE SERVICE
1011 E. Tudor Rd.
Anchorage, Alaska 99503-6199

AFES/AO
fy00_audit.comments.wpd

MAR 23 2001

Ms. Molly McCammon
Exxon Valdez Oil Spill Trustee Council
Restoration Office
645 G Street
Anchorage, Alaska 99501

Dear Ms. McCammon:

In response to the Fiscal Year 2000 Draft Audit document, *Exxon Valdez* Oil Spill Trustee Council, *Internal Control and Operating Comments*, we offer the following comments and solutions for our agency.

Use of Project Management Funds

Although Kent Wohl has provided oversight of projects and performs other functions, Catherine Berg was the official Fish and Wildlife Service liaison during FY 2000 and she performed the liaison activities. Therefore, her salary was charged to the project #00100 funds.

Unallowable Direct Project Costs

The Fish and Wildlife Service's expenditures for Project #00159 relating to bonuses and on-the-spot awards were in compliance with Service policy to present awards to deserving staff and to use personnel budget items to fund awards. The project manager will prepare a ratification request to the Trustee Council by March 30, 2001.

Compliance With Annual Reporting Requirements

The Fish and Wildlife Service is aware of the deadline for submitting project expenditures and obligations. A review of our internal procedures is in progress and will be modified to ensure compliance with this requirement.

Return Unspent Funds From Prior Year Projects

The Fish and Wildlife Service is investigating all prior year EVOS projects to determine if unobligated funds need to be returned to NRDAR. Unspent funding will be identified and returned.

Thank you for the opportunity to respond to the auditor's findings and recommendations. If you have any questions regarding these comments, please contact Richard Hannan at 907-786-3680 or Debora McClain at 907-786-3481.

Sincerely,

for David B. Allen
Regional Director

United States Department of the Interior

U.S. GEOLOGICAL SURVEY
BIOLOGICAL RESOURCES DIVISION
Alaska Science Center
1011 E. Tudor Road
Anchorage, Alaska 99503

IN REPLY REFER TO:

March 26, 2001

Molly McCammon
Executive Director
EVOS Trustee Council
645 G Street, Suite 401
Anchorage, AK 99501-3451

Dear Ms. McCammon,

We have completed our review of the two documents you sent us relating to the Draft Fiscal Year 2000 external audit developed by Elgee, Rehfeld and Funk for the EVOS Trustee Council. Here are our comments:

Internal Control and Operating Comments dated February 10, 2001
The auditors recommend that USGS return unspent funds for fiscal year 1999. USGS concurs with this recommendation and will proceed to identify and return any such funds.

Schedule of Expenditures and Obligations for the USGS, Fiscal Year Ending September 30, 2000
USGS recognizes that the financial accounting presented in this document reflects project amounts as allocated in the Court Order. As such, some of the amount shown for USGS actually includes expenditures and obligations made by the FWS, for cooperative work on project 00423. In addition, three USGS projects are reported elsewhere in the financial schedule, under the Office of the Secretary, etc. USGS will identify and return all unspent or unobligated funds from its FY 2000 EVOS projects.

Thank you for the opportunity to review the Fiscal Year 2000 Draft Audit.

Sincerely,

William K. Seitz, Director
Alaska Biological Science Center

Cc: Cindy Gilder
Mark Stevenson

Exxon Valdez Oil Spill Trustee Council

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

MEMORANDUM

TO: Bill Hauser
ADF&G Project Manager

FROM: Molly McCammon
Executive Director

RE: Extension of Due Date: FY 00 Annual Report
Project 00340 / Toward Long-Term Oceanographic Monitoring of the Gulf of Alaska Ecosystem

DATE: April 2, 2001

This memo is to confirm an extended due date of May 15, 2001 for the annual report on Project 00340/Toward Long-Term Oceanographic Monitoring of the Gulf of Alaska Ecosystem. I understand this extension is made necessary by unanticipated travel requirements on the part of the PI.

Exxon Valdez Oil Spill Trustee Council

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

Restoration Office Tentative Meeting Schedule

April 2001

3 Trustee Council Meeting - GEM presentation by NRC Review Committee, Investment Asset Allocation Review
4 Public Advisory Group Meeting
9 North Pacific Research Board Meeting
13 DPD's due
24 Alaska SeaLife Center Science Advisory Committee - Seward, AK

May 2001

3 Trustee Council Meeting
4 ARLIS Founders Board Meeting
20-23 Peer Review Meeting FY02 Projects
25-26 Prince William Sound Science Center Oil Spill Tour - Cordova, AK

June 2001

14-15 NRC Review Committee* - Washington, D.C.

July 2001

19 PAG Meeting
24 RWF Meeting

August 2001

2 Trustee Council Meeting* - FY02 Work Plan
19-23 American Fisheries Society, National Meeting - Phoenix, AZ

September 2001

12-15 AAAS Arctic Science Conference - Anchorage, AK
14-15 Kachemak Bay Science Conference - Homer, AK

* tentative meeting dates

For more information on any of the above meetings, please contact the Restoration Office.

4/2/01 A:\new mtgschdle.wpd