

13.08.01 – Reading File

August 2001

Exxon Valdez Oil Spill Trustee Council

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



August 30, 2001

National Oceanic and Atmospheric Administration
ESDIM Review Panel
c/o Stephen K. Brown
Headquarters – National Marine Fisheries Service
1315 East-West Highway
Silver Spring, MD 20910-3282

Via facsimile: (301) 713-9395

RE: ESDIM Proposal NMFS_02-08, Project Title: North Pacific Ecosystem Metadatabase,
Principal Investigator: Megrey, Bernard A.

Dear Panelists and Mr. Brown:

As Executive Director of the *Exxon Valdez* Oil Spill Trustee Council (Trustee Council), I strongly support the creation of the North Pacific Ecosystem Metadatabase (NPEM) as proposed to ESDIM by Bernard Megrey and Allen Macklin. The NPEM will serve as a critical tool in helping advance scientific knowledge of the North Pacific and further the mission and goals of the Trustee Council's Gulf Ecosystem Monitoring (GEM) Program, now under development. The NPEM will help Trustee Council research programs in a number of ways, including determining what data are available for retrospective studies, finding baseline data sets that need to be continued, and locating partners for joint monitoring projects.

As a result of Trustee Council staff's efforts to assemble a regional metadatabase of marine science organizations and research activities in the Gulf of Alaska, we know that our organization is not unique in its need for NPEM. Our effort at compiling the GEM metadatabase was motivated by ten years of experience in studying an ecosystem-scale disaster. The experience points toward the need for a solid historical context in order to understand the sources of change in valued natural resources. A geographically and institutionally comprehensive metadatabase of marine science investigations in the North Pacific such as NPEM is essential to develop that historical context.

As the GEM program comes on line in October 2002, the GEM metadatabase will allow us to know which variables NOAA and other agencies may be able to help monitor in the gulf. Compiling our own regional metadatabase required substantial effort and expense; we were disappointed to find that there were no similar efforts at the federal level on which we could call for help. In the future, it would be beneficial to our program and others in the North Pacific region if NOAA would help underwrite this metadatabase. Specifically, the proposed NPEM could help us attain three of our goals for the GEM program. The first is to identify causes of

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change in the marine ecosystem, including natural variation, human influence and their interaction. The second is to develop tools, technologies and information that can help resource managers and regulators improve management of marine resources and address problems that may arise from human activities. And third, to develop the capacity to predict the status and trends of natural resources for use by resource managers and consumers.

The Trustee Council's scientists participated in the March 2001 meeting at which international participants nominated ecosystem-related, North Pacific time series and recommended that their efforts be archived in a sharable database. In their NPEM proposal, Megrey and Macklin talk about the "amazing diversity and quantity" of data that were divulged at the meeting. We heartily agree with this assessment and truly hope that these data won't be lost in the nooks and crannies of foreign and domestic institutions.

The Trustee Council's staff are eager to cooperate in developing the metadatabase in three ways: by contributing the contents of our own metadatabase; by urging our researchers to contribute applicable information; and by providing a link from our web site to the NPEM web site. Should NOAA support the metadatabase proposal from Dr. Megrey and Mr. Macklin, we would ask the Trustee Council to consider becoming a partner in this effort. In the meantime, we encourage you to fund this proposal. If you have any questions about the Trustee Council's future activities, please don't hesitate to contact me at (907) 278-8012.

Sincerely,



Molly McCammon
Executive Director

PM:cgw

*** ACTIVITY REPORT ***

TRANSMISSION OK

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CONNECTION ID	
START TIME	08/31 10:34
USAGE TIME	01'32
PAGES	2
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: Craig Tillery, Assistant Attorney General
Alaska Department of Law

FROM: Debbie Hennigh *Debbie Hennigh*
Special Assistant

DATE: August 21, 2000

RE: Large Parcel Land Payments Due October 1, 2000

The large land payments that are due October 1, 2000 are as follows:

Parcel	Government Entity	Amount	Notes
Shuyak	State of Alaska	\$ 4,000,000	
Eyak	US Forest Service	\$ 5,000,000	
Afognak JV	AK 8,180,554 US <u>14,845,280</u> Tot 23,025,834	\$23,025,834	The State of Alaska made the down payment of \$28m (CR 36), and the first payment \$22,247,590 (CR 41). Traci's allocations spreadsheet shows that the purchase is a 80/20 split between US and AK with the US paying \$14,845,280 and the State paying \$59,381,120. Therefore, the payment appears to be a split between the US and AK. I have researched the AJV file that I have, the court requests 36 & 41 but the only place I see the percentage of shared expenses is in Traci's spreadsheet.

If you need more information from me, please let me know.

cc: Molly McCammon

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 *Schubert for*
Molly McCammon
Executive Director

FROM: *Debbie Hennigh*
Debbie Hennigh
Special Assistant

DATE: August 15, 2001

RE: July Investment Reports

Attached are the Department of Revenue's reports as of July 31, 2001:

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

Also attached are the following graphs for activity ending July 31, 2001:

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

Also included are graphs of each investment pool's activity for October 2000 through July 2001.

Attachments

cc: Investment Working Group

STATE OF ALASKA
DEPARTMENT OF REVENUE
TREASURY DIVISION

Exxon Valdez Oil Spill Investment Fund

STATEMENT OF INVESTED ASSETS

July 31, 2001

Investments (at fair value)	<u>2001</u>
Cash and cash equivalents	
Short-term Fixed Income Pool	\$ 77,798
Marketable debt and equity securities	
Broad Market Fixed Income Pool	62,822,366
Non-retirement Domestic Equity Pool	48,492,162
SOA International Equity Pool	<u>19,663,491</u>
Total invested assets	<u>\$ 131,055,818</u>

STATE OF ALASKA
DEPARTMENT OF REVENUE
TREASURY DIVISION

Exxon Valdez Oil Spill Investment Fund

STATEMENT OF INVESTMENT INCOME
AND CHANGES IN INVESTED ASSETS

For the period ended July 31, 2001

	<u>CURRENT</u> <u>MONTH</u>	<u>YEAR TO</u> <u>DATE</u>
Investment Income		
Cash and cash equivalents		
Short-term Fixed Income Pool	\$ 299	\$ 299
Marketable debt and equity securities		
Non-pooled investments		
Broad Market Fixed Income Pool	1,364,667	1,364,667
Non-retirement Domestic Equity Pool	(801,707)	(801,707)
SOA International Equity Pool	(766,396)	(766,396)
Commission Recapture	<u>130</u>	<u>130</u>
Total income from marketable debt and equity securities	<u>(203,306)</u>	<u>(203,306)</u>
Total investment income (loss)	(203,007)	(203,007)
Total invested assets, beginning of period	131,258,825	131,258,825
Net contributions (withdrawals)	<u>0</u>	<u>0</u>
Total invested assets, end of period	<u>\$ 131,055,818</u>	<u>\$ 131,055,818</u>

**STATE OF ALASKA
DEPARTMENT OF REVENUE - TREASURY DIVISION**

**Exxon Valdez Oil Spill Investment Fund
Asset Allocation Policy (effective 4/24/00) with Actual Investment Holdings as of
July 31, 2001**

	<u>Asset Allocation</u>		<u>Fair value</u>	<u>Current Allocation</u>	<u>Variance</u>
	<u>Policy</u>	<u>Range</u>			
Cash and cash equivalents					
Short-term Fixed Income Pool	<u>0.00%</u>		<u>77,499</u>	<u>0.06%</u>	<u>-0.06%</u>
Total cash and cash equivalents	<u>0.00%</u>		<u>77,499</u>	<u>0.06%</u>	<u>-0.06%</u>
Marketable debt and equity securities					
Broad Market Fixed Income Pool	<u>42.00%</u>	<u>35% - 49%</u>	<u>62,822,366</u>	<u>47.94%</u>	<u>-5.94%</u>
Non-retirement Domestic Equity Pool	<u>41.00%</u>	<u>34% - 48%</u>	<u>48,492,162</u>	<u>37.00%</u>	<u>4.00%</u>
SOA International Equity Pool	<u>17.00%</u>	<u>12% - 22%</u>	<u>19,683,491</u>	<u>15.00%</u>	<u>2.00%</u>
Total marketable debt securities	<u>100.00%</u>		<u>130,978,020</u>	<u>99.94%</u>	<u>0.06%</u>
Total holdings	<u>100.00%</u>		<u>131,055,518</u>	<u>100.00%</u>	<u>0.00%</u>
Short-term Fixed Income Pool Interest Receivable			<u>299</u>		
Total Invested Assets at Fair Value			<u>131,055,818</u>		

Exxon Valdez Oil Spill Investment Fund

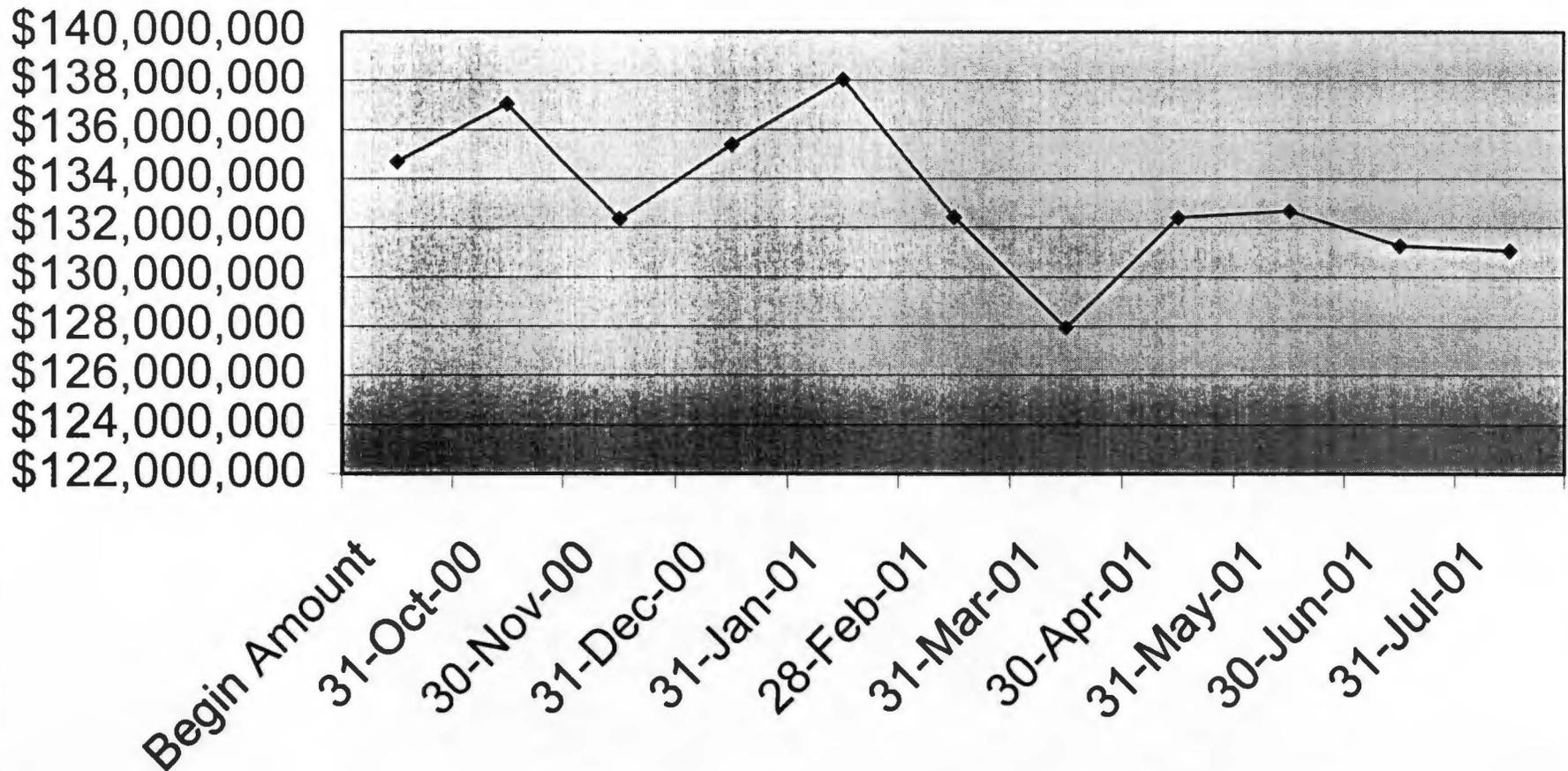
Period Ending July 31, 2001

	<u>Mkt Value (\$M)</u>	<u>Monthly Return</u>	<u>3 Mo. Return</u>	<u>YTD</u>	<u>Fiscal YTD</u>	<u>Inception to Date*</u>
AY02 EVOS Investment Fund	131,056	-0.15	-1.02	-3.19	-0.15	-4.43
<i>EVOS Investment Fund Index</i>		-0.04	-1.35	-3.47	-0.04	-5.14
Short-term Fixed Income Pool	78	0.39	1.18	3.25	0.39	4.53
<i>91 day T-Bill</i>		0.33	1.01	2.98	0.33	4.12
Broad Market Fixed Income Pool	62,822	2.22	3.14	5.96	2.22	10.09
<i>Lehman Brothers Aggregate Index</i>		2.24	3.24	5.92	2.24	9.66
Non-Retirement Domestic Equity Pool	48,492	-1.63	-2.68	-7.70	-1.63	-14.75
<i>Russell 3000 Index</i>		-1.65	-2.69	-7.66	-1.65	14.74
SOA International Equity Pool	19,664	-3.75	-8.94	-16.25	-3.75	-14.89
<i>Morgan Stanley Capital Intl. (EAFE)</i>		-1.82	-9.16	-16.16	-1.82	-16.44

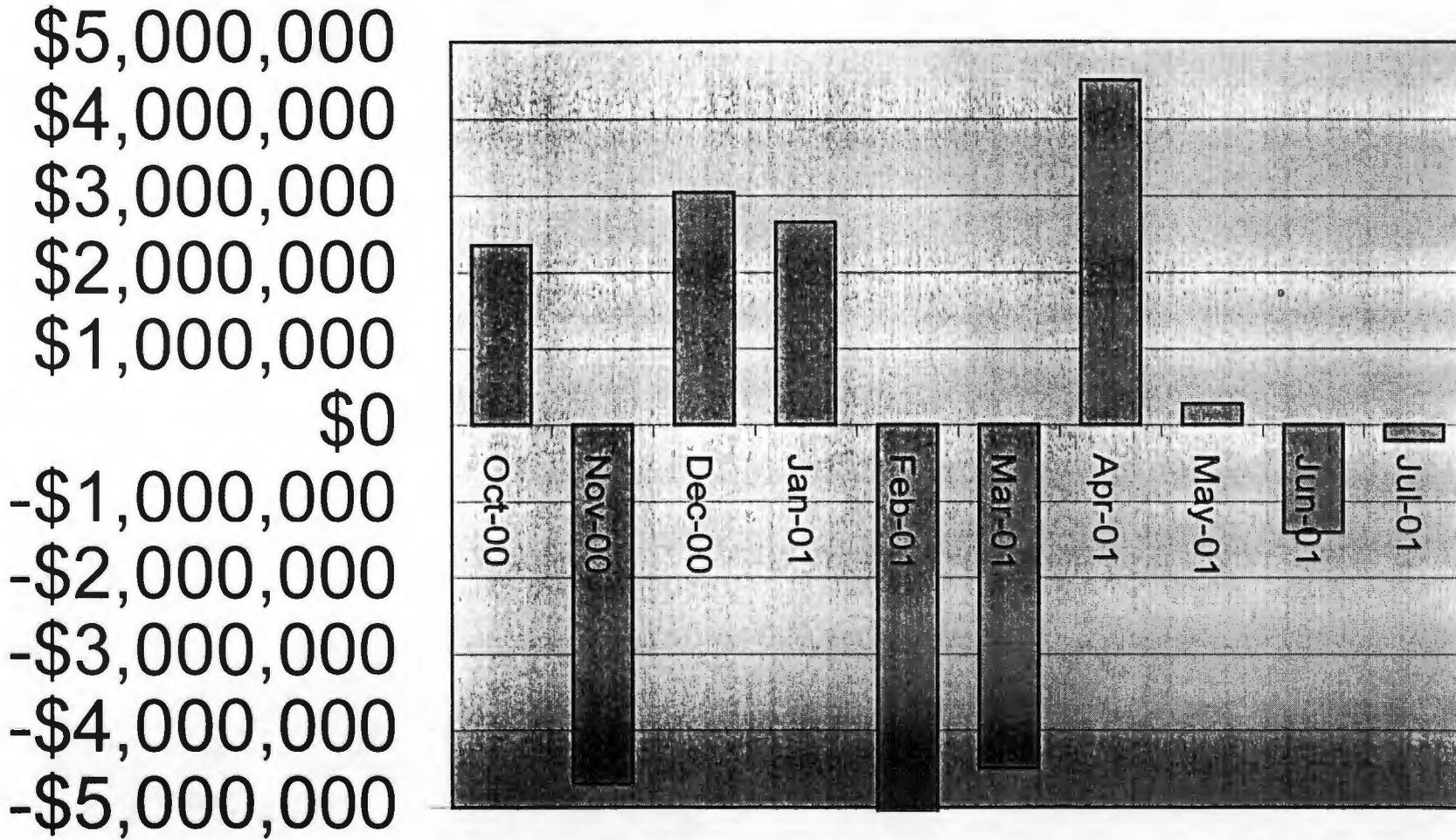
Source: State Street Bank, Insight.

* Since October 31, 2000

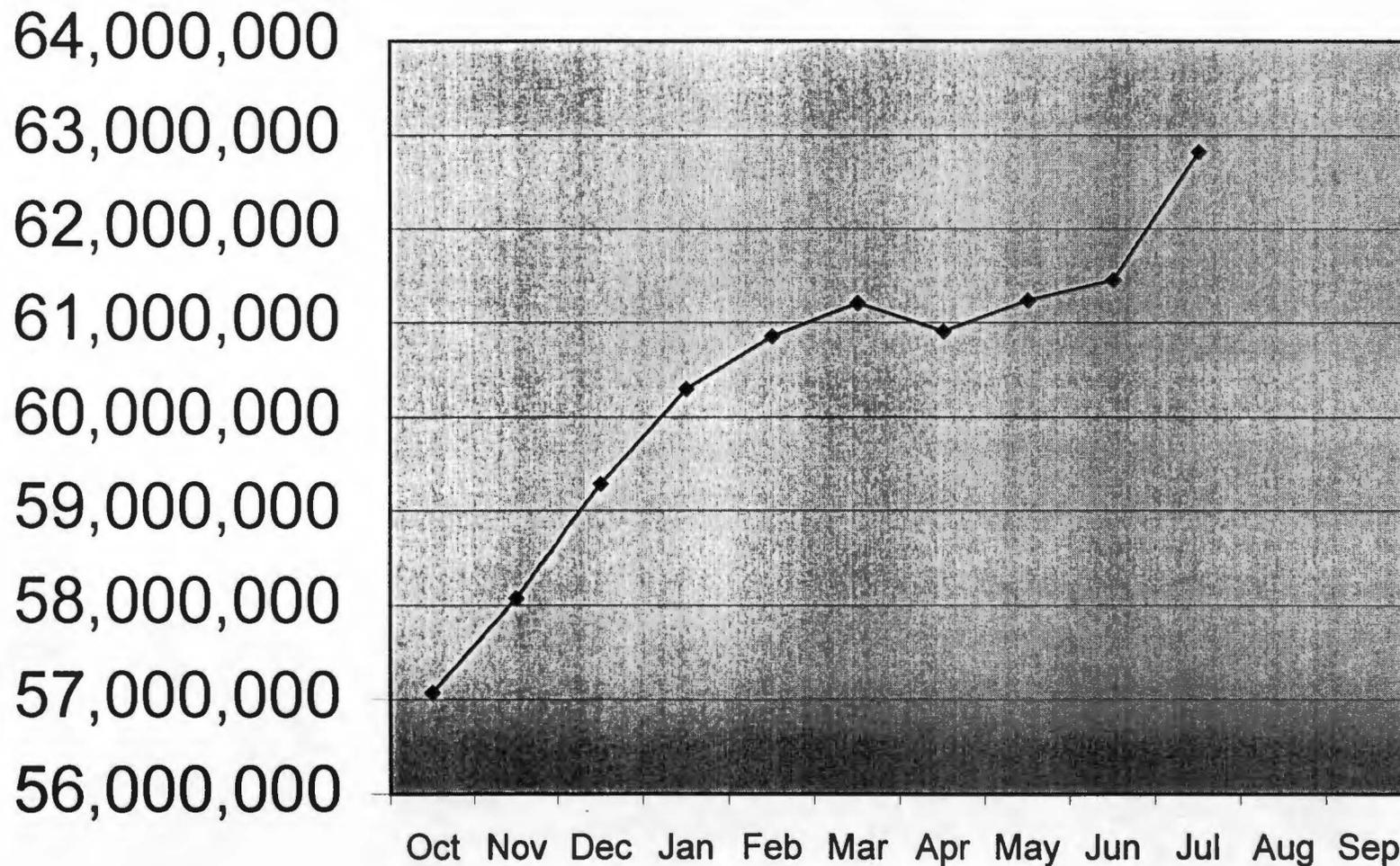
Exxon Valdez Oil Spill Trustee Council Investment Fund Assets



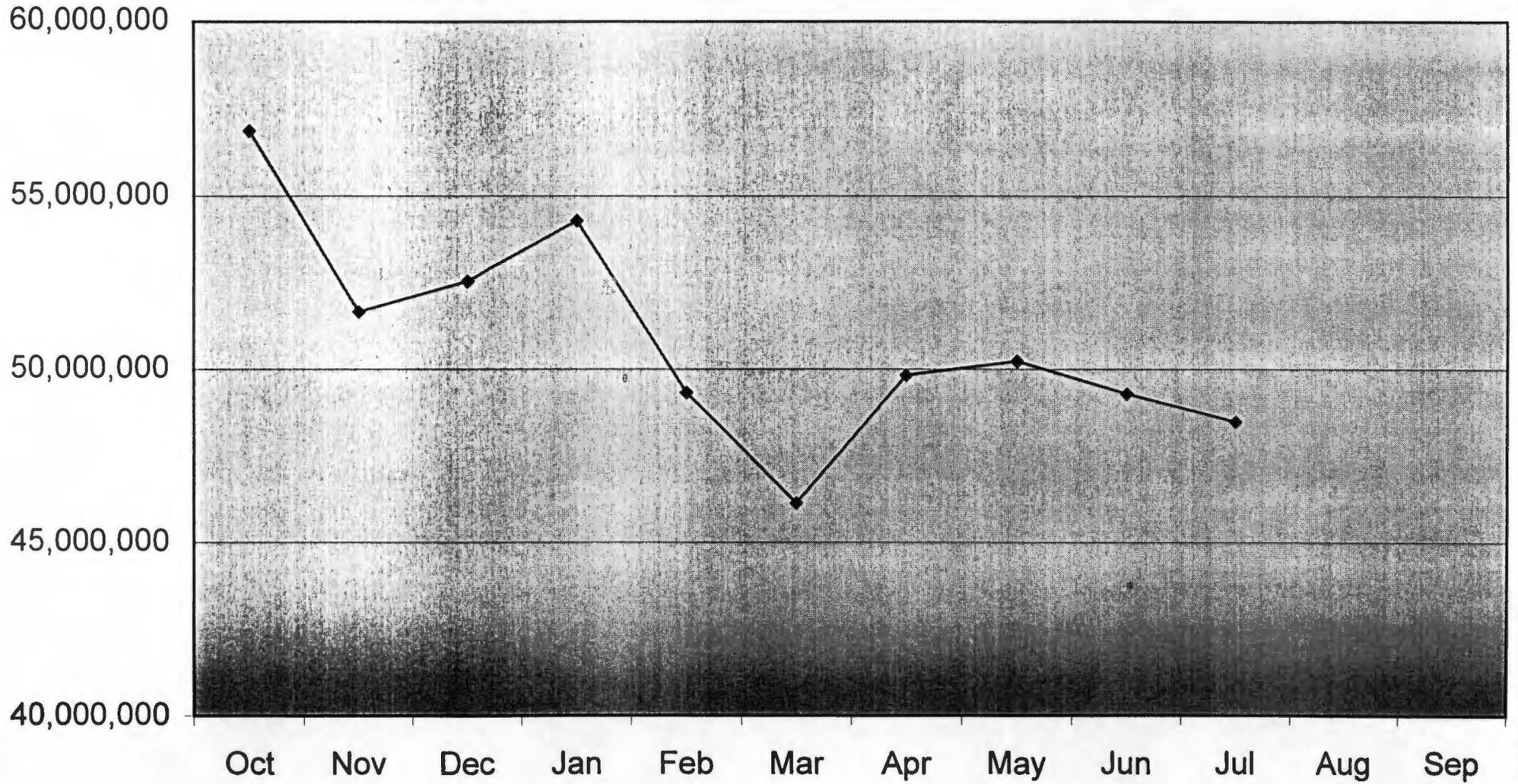
**Exxon Valdez Oil Spill Trustee Council
Investment Fund Earnings (Loss) as of July 31, 2001**



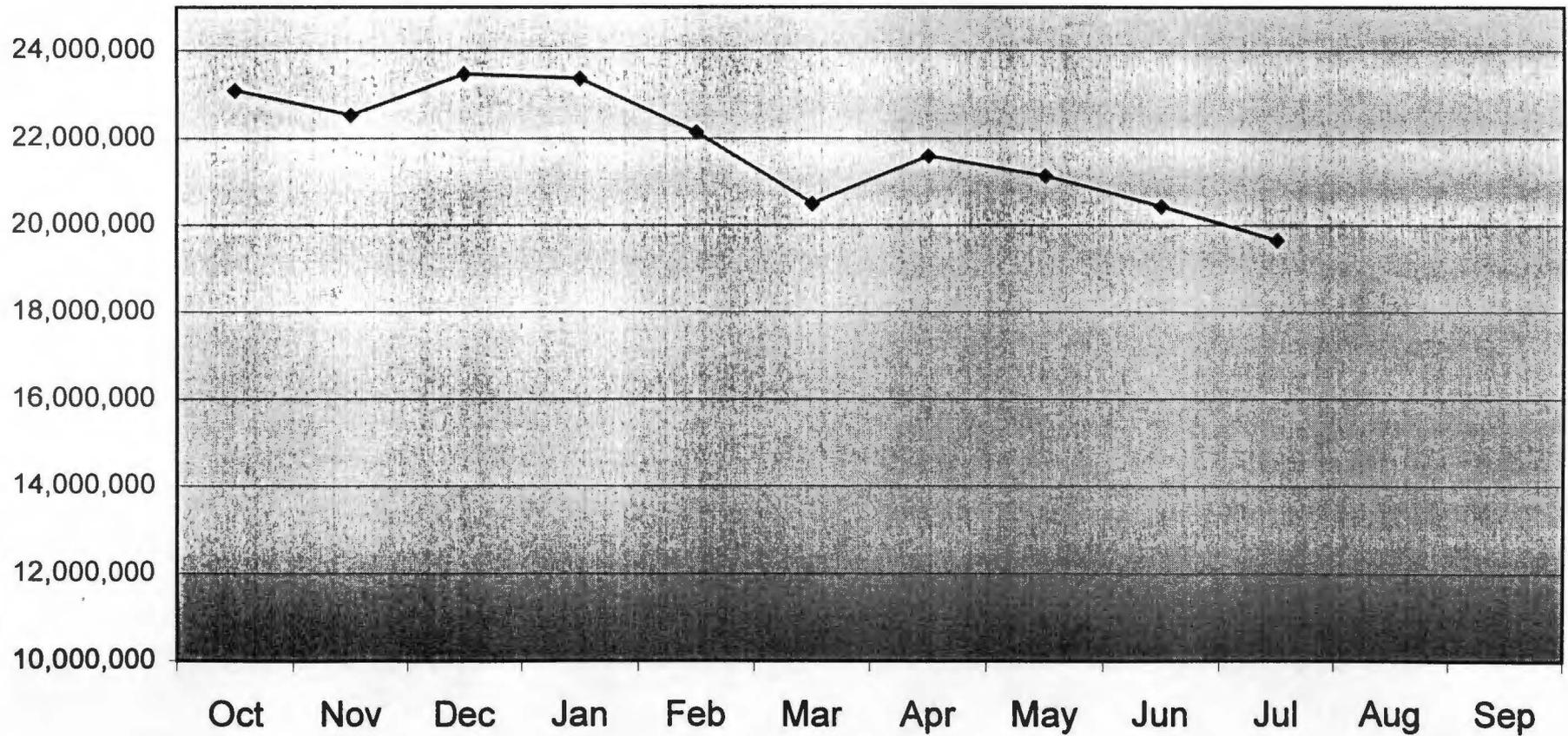
**Exxon Valdez Oil Spill Trustee Council Investment Fund
Fixed Income for FY 01**



**Exxon Valdez Oil Spill Trustee Council Investment Fund
Domestic Equities for FY 01**



**Exxon Valdez Oil Spill Trustee Council
Investment Fund
International Equities for FY 01**



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 *Debbie Hennigh*
DATE: August 15, 2001
RE: Judy Griffin's Contract Amendment

Enclosed are the three signed copies of Judy's amendment. I wrote the financial coding on each one. Please let me know when this has been signed and entered into AKSAS as I am holding an invoice until I know the authority is on AKSAS. Thanks for your assistance.

Exxon Valdez Oil Spill Trustee Council

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August 14, 2001

Steve Ganey
Fisheries Director
PEW Oceans Commission
2102 Wilson Blvd., Suite 550
Arlington, VA 22201

Dear Mr. Ganey:

Governor Tony Knowles asked me to provide you a copy of Jane Lubchenco's address at the 10 Years After symposium on the *Exxon Valdez* oil spill. A copy is enclosed.

Sincerely,

*Sandra Schubert
for*

Molly McCammon
Executive Director

Enclosure

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

DATE: August 13, 2001

This memo is to confirm an extended due date of October 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 due to one of the author's travel schedules.

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Exxon Valdez Oil Spill Trustee Council

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MEMORANDUM

TO: Sharon Kent
NOAA Procurement

FROM: Sandra ~~Schubert~~ *Sandra*
Program Coordinator

RE: FY 02 Broad Agency Announcement #52ABNF100031
Trustee Council Action

DATE: August 13, 2001

The Trustee Council acted on the FY 02 Work Plan on August 6. Please find enclosed

- A summary spreadsheet listing the Trustee Council's action on each proposal submitted under the BAA. You'll note that, for some projects, funding is contingent on satisfaction of certain conditions and that, for other projects, funding decisions have been deferred to December.
- Copies of letters from the Executive Director informing BAA proposers of the Trustee Council's action. Attached to each letter is the text of the Council's action.

Please let me know if you need additional information.

Enclosures

cc (w/o enclosures): Stacy Masters, NOAA

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SPR SHEET A: TRUSTEE COUNCIL ACTION (8/6/01) / I WORK PLAN

Proj. No.	Project Title	TC Approve 8/6/01	Defer to December	FY 03 Recom.	Sum FY 02-03	TC Action
02012-BAA	Killer Whale Investigation	\$35.2	\$0.0	\$0.0	\$35.2	Fund contingent
02163-BAA	Alaska Predator Ecosystem Experiment (APEX)	\$0.0	\$0.0	\$0.0	\$0.0	Do not fund
02360-BAA	Guidance for Future Research Activities	\$90.1	\$0.0	\$0.0	\$90.1	Fund
02452-BAA	Prey and Predators of Pink Salmon Fry	\$0.0	\$0.0	\$0.0	\$0.0	Do not fund
02457-BAA	Monitoring Fall-Winter Herring Biomass	\$0.0	\$0.0	\$0.0	\$0.0	Do not fund
02475-BAA	GEM Data System Specification	\$0.0	\$0.0	\$0.0	\$0.0	Do not fund
02486-BAA	Links: Persistent Oil in Mussel Beds & Predators	\$0.0	\$0.0	\$0.0	\$0.0	Do not fund
02552-BAA	Exchange Between PWS and GOA	\$0.0	\$102.5	\$0.0	\$102.5	Defer
02574-BAA	Bivalve Recovery on Treated Beaches	\$0.0	\$94.8		\$94.8	Defer
02589-BAA	PWSRCAC Long-Term Monitoring	\$0.0	\$0.0	\$0.0	\$0.0	Do not fund
02597-BAA	Ocean Color Time Series of PWS	\$0.0	\$0.0	\$0.0	\$0.0	Do not fund
02601-BAA	Methodological Data Gaps	\$0.0	\$0.0	\$0.0	\$0.0	Do not fund
02618-BAA	Tide Rip Front Variability	\$0.0	\$0.0	\$0.0	\$0.0	Do not fund
02624-BAA	Ships of Opportunity: CPR-Based Plankton Survey	\$0.0	\$133.4	\$0.0	\$133.4	Defer
02627-BAA	Symbiotic Acoustic Signal Processor	\$0.0	\$0.0	\$0.0	\$0.0	Do not fund
02628-BAA	Resurrection Bay Contaminant Survey	\$0.0	\$0.0	\$0.0	\$0.0	Do not fund
02629-BAA	Paradigm for Ecosystem Monitoring	\$0.0	\$0.0	\$0.0	\$0.0	Do not fund
02636-BAA	Ecosystem Recovery: Spill-Impacted Communities	\$0.0	\$50.0		\$50.0	Defer
02646-BAA	Interactive Database on Alaskan Seaweeds	\$0.0	\$0.0	\$0.0	\$0.0	Do not fund
02648-BAA	Adaptive Sampling	\$0.0	\$0.0	\$0.0	\$0.0	Do not fund
02655-BAA	Transition Support for the GEM Data Manager	\$0.0	\$0.0	\$0.0	\$0.0	Do not fund
02659-BAA	Manuscripts: SEA & NVP Avian Predation	\$0.0	\$29.7	\$0.0	\$29.7	Defer
02674-BAA	Pigeon Guillemot Restoration Techniques	\$60.4	\$0.0		\$60.4	Fund
02678-BAA	Use of Commercial Fisheries Bycatch for Scientific Gain	\$0.0	\$0.0	\$0.0	\$0.0	Do not fund

Exxon Valdez Oil Spill Trustee Council

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



August 10, 2001

Bob Henrichs
Native Village of Eyak Tribal Council
PO Box 1388
Cordova, AK 99574-1000

RE: Project 02333 / Sea Otter Monitoring
Project 02372 / Steller Sea Lion Monitoring
Project 02503 / Orca Inlet Restoration
Project 02507 / Nuchek Subsistence Camp
Project 02669 / Hooligan Research

~~Dear Mr. Henrichs:~~

The Exxon Valdez Oil Spill Trustee Council received \$10.3 million in proposals for a Fiscal Year 2002 Work Plan of \$5 million. It was not possible to fund all proposals that were submitted.

In June I notified you of my recommendation that the Trustee Council not fund the five projects listed above. The Council acted on the FY 2002 Work Plan on August 6, 2001. This letter is to inform you that the Council accepted my recommendation and did not fund your projects for FY 02. A copy of the Council's action on your projects is enclosed.

I appreciate your interest in the restoration program and hope you will consider submitting proposals in future years.

Sincerely,

Molly McCammon
Executive Director

Enclosure

cc: Tony DeGange, DOI-USFWS Liaison

mm/pdb

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TRUS : COUNCIL ACTION (8/6/01) / FY 02 WORK \N

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	TC Approve 8/6/01	Defer to December	FY03 Recom.	Sum FY 02-03
02333	Sea Otter Monitoring	B. Henrichs/Native Village of Eyak	DOI	New 1st yr. 5 yr. project	\$0.0	\$0.0	\$0.0	\$0.0

Project Abstract

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: Funding (\$100,000 each year) has also been requested for FY 04, FY 05, and FY 06.]

Chief Scientist's Recommendation

The U.S. Fish and Wildlife Service has conducted aerial surveys in Orca Inlet using non-EVOS funds each year since 1993. The data are characterized by high variance in some years, with the 2000 density estimates as high or possibly higher than anywhere in the North Pacific (roughly 16 sea otters per square kilometer in Orca Inlet vs. an average for all of Prince William Sound of 1 per square kilometer). Furthermore, any observed sea otter mortality in Orca Inlet is likely not related to the oil spill. Do not fund.

Trustee Council Action

Do not fund. Any observed sea otter mortality in Orca Inlet is likely not related to the oil spill, and this project's link to the Trustee Council's restoration objectives is weak. In addition, results of U.S. Fish and Wildlife Service aerial surveys of Orca Inlet indicate 2000 density estimates as high or possibly higher than anywhere in the North Pacific.

TRUS : COUNCIL ACTION (8/6/01) / FY 02 WORK IN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	TC Approve 8/6/01	Defer to December	FY03 Recom.	Sum FY 02-03
02372	Steller Sea Lion Monitoring	B. Henrichs/Native Village of Eyak	DOI	New 1st yr. 5 yr. project	\$0.0	\$0.0	\$0.0	\$0.0

Project Abstract

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: Funding (\$250,000 each year) has also been requested for FY 04, FY 05, and FY 06.]

Chief Scientist's Recommendation

The concept presented requires more detail before it can be effectively evaluated. The issue raised is important to all fishers--subsistence, recreational, and commercial. The recent court decision on the National Oceanic and Atmospheric Administration's treatment of fishing interactions with Steller sea lions should result in sufficient scientific study and analysis of how fishing affects Steller sea lions to cover the needs identified by this proposal. Do not fund.

Trustee Council Action

Do not fund based on Chief Scientist's recommendation. The recent court decision on the National Oceanic and Atmospheric Administration's treatment of fishing interactions with Steller sea lions, as well as the additional funds provided by Congress for Steller sea lion studies, should result in sufficient scientific study and analysis of how fishing affects Steller sea lions to address the concerns raised by the proposal.

TRUS : COUNCIL ACTION (8/6/01) / FY 02 WORK \N

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	TC Approve 8/6/01	Defer to December	FY03 Recom.	Sum FY 02-03
02503	Orca Inlet Restoration	B. Henrichs/Native Village of Eyak	DOI	New 1st yr. 5 yr. project	\$0.0	\$0.0	\$0.0	\$0.0

Project Abstract

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 Orca Inlet to what it was when we were children. [Note: Funding (\$150,000 each year) has also been requested for FY 04, FY 05, and FY 06.]

Chief Scientist's Recommendation

No methods for restoration of Orca Inlet are proposed. The project's concept has not been linked to the Trustee Council's restoration objectives. In addition, it could entail considerable costs over a long period of time. Do not fund.

Trustee Council Action

Do not fund. The project's concept has not been linked to the Trustee Council's restoration objectives. In addition, it could entail considerable costs over a long period of time. Long-term monitoring of sea otters may be considered as part of GEM.

TRUS : COUNCIL ACTION (8/6/01) / FY 02 WORK \N

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	TC Approve 8/6/01	Defer to December	FY03 Recom.	Sum FY 02-03
02507	Nuchek Subsistence Camp	B. Henrichs/Native Village of Eyak	DOI	New 1st yr. 1 yr. project	\$0.0	\$0.0	\$0.0	\$0.0
<p><u>Project Abstract</u></p> <p>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.</p>			<p><u>Chief Scientist's Recommendation</u></p> <p>The proposers have requested technical assistance in preparing a proposal for a subsistence camp at Nuchek. Insufficient detail is presented here to evaluate the proposal. Presumably such a camp would help subsistence users understand and adapt to changes in their subsistence resources. This concept may have had some merit in the years immediately following the oil spill, but twelve years after the oil spill the justification is not compelling. Do not fund.</p>			<p><u>Trustee Council Action</u></p> <p>Do not fund. The value and importance of subsistence camps and other activities that teach traditional methods of harvesting and other subsistence skills to youth is clear. However, proposals submitted to the Trustee Council in the past for subsistence camps were found not to be legally permissible. The Nuchek Spirit Camp was funded in 1995 and 1996 with EVOS criminal funds with the expectation that funding in future years would be provided by Chugach Alaska Corporation.</p>		

TRUSTEE COUNCIL ACTION (8/6/01) / FY 02 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	TC Approve 8/6/01	Defer to December	FY03 Recom.	Sum FY 02-03
02669	Hooligan Research	B. Henrichs/Native Village of Eyak	DOI	New 1st yr. 2 yr. project	\$0.0	\$0.0	\$0.0	\$0.0

Project Abstract

The Alaska Department of Fish and Game has been selling permits to commercially harvest hooligan 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.

Chief Scientist's Recommendation

This proposal correctly identifies an important problem in management of subsistence fish resources that is a part of normal agency management. The proposal does not present any specifics that can be evaluated. Do not fund.

Trustee Council Action

Do not fund. This proposal expresses the concern that the commercial harvest of hooligan may threaten the availability of these fish for subsistence users and as forage for other species, and requests that research be conducted to determine if hooligan can sustain a commercial harvest. While this may be a legitimate concern, allocation of fisheries resources among various user groups is the function of the Alaska Board of Fish and the Alaska Department of Fish and Game, and is beyond the purview of the Trustee Council.

Exxon Valdez Oil Spill Trustee Council

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



August 13, 2001

Gary Shigenaka
NOAA-NOS,
HAZMAT/BAT, BIN C157007600
Sand Point Way, NE, Bldg 4
Seattle, WA 98115-6349

RE: Project 02639 / Field Experiments for Testing Spill-Impacts Hypotheses
from Long-Term Monitoring

~~Gary~~
Dear Mr. Shigenaka:

The Exxon Valdez Oil Spill Trustee Council received \$10.3 million in proposals for a Fiscal Year 2002 Work Plan of \$5 million. It was not possible to fund all proposals that were submitted.

In June I notified you of my recommendation that the Trustee Council not fund Project 02639/Field Experiments for Testing Spill-Impacts Hypotheses from Long-Term Monitoring. The Council acted on the FY 2002 Work Plan on August 6, 2001. This letter is to inform you that the Council accepted my recommendation and did not fund your project for FY 02. A copy of the Council's action on your project is enclosed.

I appreciate your interest in the restoration program and hope you will consider submitting proposals in future years.

Sincerely,


Molly McCammon
Executive Director

Enclosure

cc: Stacy Masters, NOAA

mm/pdb

TRUSTEE COUNCIL ACTION (8/6/01) / FY 02 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	TC Approve 8/6/01	Defer to December	FY03 Recom.	Sum FY 02-03
02639	Field Experiments for Testing Spill-Impacts Hypotheses from Long-Term Monitoring	G. Shigenaka/NOAA HAZMAT	NOAA	New 1st yr. 1 yr. project	\$0.0	\$0.0	\$0.0	\$0.0
	<u>Project Abstract</u>	<u>Chief Scientist's Recommendation</u>	<u>Trustee Council Action</u>					
	The National Oceanic and Atmospheric Administration (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, <i>Fucus</i> 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.	This is an interesting and well presented proposal to monitor two field experiments to test mechanisms of injury that might explain long-term effects of the spill and cleanup on the intertidal zone. There were questions about the experimental design raised during the review with regard to spatial scale in the <i>Fucus</i> experiment and temporal scale in the response expected. The proposers did not provide evidence that the washing experiment removed fine grain sediment to the extent that mimicked the clean up operations in 1989 and 1990. Do not fund.	Do not fund. This project would continue two field experiments begun in 2000 by the National Oceanic and Atmospheric Administration's Office of Response and Restoration. The Chief Scientist has identified concerns with the project's experimental design. Furthermore, this activity is not a priority at this stage of the restoration program as the Trustee Council's focus shifts to GEM.					

Exxon Valdez Oil Spill Trustee Council

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



August 13, 2001

Janet T. Duffy-Anderson
NOAA/AFSC
7600 Sand Point Way, NE
Seattle, WA 98115

RE: Project 02637 / Online Early Life History Database for the Northeast
Pacific Ocean, Gulf of Alaska and Southeast Bering Sea

Janet
Dear Ms. ~~Duffy-Anderson~~:

The Exxon Valdez Oil Spill Trustee Council received \$10.3 million in proposals for a Fiscal Year 2002 Work Plan of \$5 million. It was not possible to fund all proposals that were submitted.

In June I notified you of my recommendation that the Trustee Council not fund Project 02637/Online Early Life History Database for the Northeast Pacific Ocean, Gulf of Alaska and Southeast Bering Sea. The Council acted on the FY 2002 Work Plan on August 6, 2001. This letter is to inform you that the Council accepted my recommendation and did not fund your project for FY 02. A copy of the Council's action on your project is enclosed.

I appreciate your interest in the restoration program and hope you will consider submitting proposals in future years.

Sincerely,

Molly McCammon
Executive Director

Enclosure

cc: Stacy Masters, NOAA

mm/pdb

TRUSTEE COUNCIL ACTION (8/6/01) / FY 02 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	TC Approve 8/6/01	Defer to December	FY03 Recom.	Sum FY 02-03
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	\$0.0	\$0.0	\$0.0	\$0.0
	<u>Project Abstract</u>	<u>Chief Scientist's Recommendation</u>					<u>Trustee Council Action</u>	
	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.	This proposal is a very worthwhile endeavor but it is not immediately related to EVOS recovery objectives and is wider than the geographic scope of GEM. The work could aid GEM modeling efforts in the future in the northern Gulf of Alaska. Partnerships for funding with the North Pacific Research Board and others should be pursued. Do not fund.					Do not fund. The geographic scope of this project, which would create a database merging ichthyoplankton cruise data with a larval identification guide as well as archive some ichthyoplankton samples, is broader than GEM. However, such a database might be useful to GEM modeling efforts in the future. If this proposal is resubmitted in the future, funding contributions from other interested entities should be sought.	

Exxon Valdez Oil Spill Trustee Council

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



August 13, 2001

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

Geoff York
USGS, Alaska Science Center
1011 E. Tudor Rd.
Anchorage, AK 99503-6199

Paul R. Becker, PhD
NIST Charleston Laboratory
219 Fort Johnson Rd.
Charleston, SC 29412-9110

RE: Project 02634 / Expanding the Seabird Tissue Archival and Monitoring Program (STAMP) Program for GEM

Dear Mr. Roseneau, Mr. York, and Dr. Becker:

On August 6, 2001 the *Exxon Valdez* Oil Spill Trustee Council acted upon the Fiscal Year 2002 Work Plan. At that meeting, the Council voted to defer action on Project 02634/Expanding the Seabird Tissue Archival and Monitoring Program (STAMP) Program for GEM. The Council is tentatively scheduled to reconsider the project in December following a reevaluation of funding priorities in the fall. In anticipation of your project being considered at that time, please submit a revised Detailed Project Description and budget that address the Chief Scientist's concerns (base program design on an analysis of the spatial and temporal variability of contaminants in seabirds, delete objectives related to further contaminant analysis except for murre eggs at East Amatuli Island, and secure additional funding sources) to the Restoration Office, ATTN: Sandra Schubert, no later than **November 1, 2001**.

Federal Trustees

U.S. Department of the Interior
U.S. Department of Agriculture
National Oceanic and Atmospheric Administration

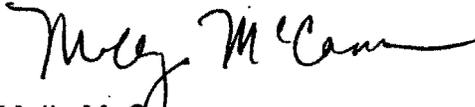
State Trustees

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Alaska Department of Law

At the August 6 meeting, the Trustee Council authorized projects totaling \$3.1 million. In December, 18 deferred projects totaling approximately \$2.1 million will be considered. The cap for the FY 02 Work Plan is \$5 million, so it will not be possible to fund all deferred projects.

Thank you for your participation in the *Exxon Valdez* oil spill restoration program. A copy of the Trustee Council's action on your project is enclosed. If you have questions, please contact the Trustee Council liaison for your lead agency.

Sincerely,

A handwritten signature in black ink, appearing to read "Molly McCammon". The signature is fluid and cursive, with a long horizontal stroke at the end.

Molly McCammon
Executive Director

Enclosure

cc: Tony DeGange, DOI-USFWS Liaison
Dede Bohn, DOI-USGS Liaison

mm/pdb

TRUSTEES COUNCIL ACTION (8/6/01) / FY 02 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	TC Approve 8/6/01	Defer to December	FY03 Recom.	Sum FY 02-03
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	\$0.0	\$54.9	\$0.0	\$54.9
	<u>Project Abstract</u>	<u>Chief Scientist's Recommendation</u>				<u>Trustee Council Action</u>		
	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.	This proposal has objectives that appear to be premature with respect to GEM. The most appropriate way to proceed would be to characterize the spatial and temporal variability of contaminants in seabirds and to design the program based on the results of the analysis. It may be appropriate to fund the objective relating to further contaminant analysis of murre eggs at East Amatuli. Leveraging from other sources dedicated to persistent organic pollutant (POP) concerns should be found. Fund lower priority.				Defer decision on funding this project to December, pending availability of funds. If funded, funding would be contingent on submittal and approval of a revised Detailed Project Description and budget that address the Chief Scientist's concerns (base program design on an analysis of the spatial and temporal variability of contaminants in seabirds; delete objectives related to further contaminant analysis except for murre eggs at East Amatuli Island; secure additional funding sources). This project would expand the Seabird Tissue Archival and Monitoring Project (STAMP) in the spill area, which may be useful for GEM.		

Exxon Valdez Oil Spill Trustee Council

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



August 13, 2001

Reggie Ward
Kodiak Area Native Association
3449 E. Rezanof Dr.
Kodiak, AK 99615

RE: Project 02633 / Acquisition of Chemical, Physical, and Biological
Information on Kodiak Regional Water Quality


Dear Mr. Ward:

The *Exxon Valdez* Oil Spill Trustee Council received \$10.3 million in proposals for a Fiscal Year 2002 Work Plan of \$5 million. It was not possible to fund all proposals that were submitted.

In June I notified you of my recommendation that the Trustee Council not fund Project 02633/Acquisition of Chemical, Physical, and Biological Information on Kodiak Regional Water Quality. The Council acted on the FY 2002 Work Plan on August 6, 2001. This letter is to inform you that the Council accepted my recommendation and did not fund your project for FY 02. A copy of the Council's action on your project is enclosed.

I appreciate your interest in the restoration program and hope you will be able to attend the Trustee Council's nearshore/intertidal monitoring workshop, tentatively scheduled for January 2002.

Sincerely,



Molly McCammon
Executive Director

Enclosure

cc: Marianne See, ADEC Liaison

mm/pdb

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TRUSTEE COUNCIL ACTION (8/6/01) / FY 02 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	TC Approve 8/6/01	Defer to December	FY03 Recom.	Sum FY 02-03
02633	Acquisition of Chemical, Physical, and Biological Information on Kodiak Regional Water Quality	R. Ward/Kodiak Area Native Association	ADEC	New 1st yr.	\$0.0	\$0.0	\$0.0	\$0.0

Project Abstract

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 (National Aeronautic and Space Administration).

Chief Scientist's Recommendation

This proposal identifies important opportunities for community-based sampling of biological and physical variables. Participation of Kodiak in community based sampling is desirable within GEM, but the proposal is premature with respect to GEM planning. Costs identified are high for a GEM program. Greater coordination, cooperation, and integration of proposed activities with those of other parts of the community on Kodiak, such as the Alaska Department of Fish and Game, the National Marine Fisheries Services, and the Fisheries Industrial Technical Center, need to be developed. Proposers are encouraged to participate in GEM planning workshops during FY 2002. Do not fund.

Trustee Council Action

Do not fund. This proposal, which would initiate a community-based monitoring effort in the nearshore environment of the Kodiak region, is premature with respect to GEM planning. It is expected that community monitoring will be an aspect of GEM. The proposers are encouraged to participate in the nearshore/intertidal monitoring workshop to be held in FY 02 (see Project 02395).

Exxon Valdez Oil Spill Trustee Council

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



August 13, 2001

Paula Homan
Qutekcak Native Tribe
P.O. Box 1467
Seward, AK 99664

RE: Project 02628-BAA / Resurrection Bay Contaminant Survey

Dear Ms. ~~Homan~~ ^{Paula}:

The Exxon Valdez Oil Spill Trustee Council received \$10.3 million in proposals for a Fiscal Year 2002 Work Plan of \$5 million. It was not possible to fund all proposals that were submitted.

In June I notified you of my recommendation that the Trustee Council not fund Project 02628/Resurrection Bay Contaminant Survey. The Council acted on the FY 2002 Work Plan on August 6, 2001. This letter is to inform you that the Council accepted my recommendation and did not fund your project for FY 02. A copy of the Council's action on your project is enclosed.

I appreciate your interest in the restoration program and hope you will be able to participate in the Trustee Council's nearshore/intertidal monitoring workshop, tentatively scheduled for January 2002.

Sincerely,

Molly McCammon
Executive Director

Enclosure

cc: Stacy Masters, NOAA
Sharon Kent, NOAA Contracting

mm/pdb

TRUSTEE COUNCIL ACTION (8/6/01) / FY 02 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	TC Approve 8/6/01	Defer to December	FY03 Recom.	Sum FY 02-03
02628-BAA	Resurrection Bay Contaminant Survey	P. Homan/Qutekcak Native Tribe	NOAA	New 1st yr. 2 yr. project	\$0.0	\$0.0	\$0.0	\$0.0

Project Abstract

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.

Chief Scientist's Recommendation

A properly designed sediment survey can provide valuable information about contaminant sources. This proposal is a good first attempt, but it has significant problems as written: (a) sampling methods are unspecified, (b) quality assurance procedures are not described, (c) collection and management costs are high, and (d) there is no identified expertise to interpret the data. Do not fund.

Trustee Council Action

Do not fund. This project, which would collect and analyze sediment samples for evaluation of contaminants in Resurrection Bay, was initiated by local concern over a variety of pollutants that may be entering the bay. While GEM is likely to include some contaminants work, and will be designed to take into account local concerns, this proposal is premature at this stage of GEM development. In addition, the Chief Scientist has raised questions about the sampling locations and methods and the analytes proposed for analysis. The proposer should participate in the nearshore/intertidal monitoring workshop to be held in FY 02 (see Project 02395).

Exxon Valdez Oil Spill Trustee Council

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



August 13, 2001

James Dawson
BioSonics, Inc.
4027 Leary Way NW
Seattle, WA 98107

RE: Project 02627-BAA / A Symbiotic Acoustic Signal Processor to Increase Stock Assessment Effort

Dear Mr. Dawson:

The *Exxon Valdez* Oil Spill Trustee Council received \$10.3 million in proposals for a Fiscal Year 2002 Work Plan of \$5 million. It was not possible to fund all proposals that were submitted.

In June I notified you of my recommendation that the Trustee Council not fund Project 02627/A Symbiotic Acoustic Signal Processor to Increase Stock Assessment Effort. The Council acted on the FY 2002 Work Plan on August 6, 2001. This letter is to inform you that the Council accepted my recommendation and did not fund your project for FY 02. A copy of the Council's action on your project is enclosed.

I appreciate your interest in the restoration program and hope you will consider submitting proposals in future years.

Sincerely,

Molly McCammon
Executive Director

Enclosure

cc: Stacy Masters, NOAA
Sharon Kent, NOAA Contracting

mmv/pdb

TRUSTEE COUNCIL ACTION (8/6/01) / FY 02 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	TC Approve 8/6/01	Defer to December	FY03 Recom.	Sum FY 02-03
02627-BAA	A Symbiotic Acoustic Signal Processor to Increase Stock Assessment Effort	J. Dawson/BioSonics, Inc.	NOAA	New 1st yr. 1 yr. project	\$0.0	\$0.0	\$0.0	\$0.0

Project Abstract

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.

Chief Scientist's Recommendation

This proposal requests funds to help develop and apply state-of-the-art techniques for real-time, species-specific estimates of fish biomass using ships of opportunity. GEM may develop a ships-of-opportunity program to collect a variety of different observations. This may well include hydroacoustic data. However, the plans for GEM at this time preclude development of technology such as that proposed. Do not fund.

Trustee Council Action

Do not fund. This project would design, manufacture, and test a symbiotic sonar receiver that attaches to echo sounders installed on commercial fishing vessels (ships-of-opportunity) for collecting real-time estimates of fish biomass. Proposals to develop cost-effective data acquisition technologies were invited in the *FY 02 Invitation*. However, at this point in the development of GEM, it is premature to take on development of technology such as this.

Exxon Valdez Oil Spill Trustee Council

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



August 13, 2001

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

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

Adam Moles, PhD
NMFS Auke Bay Lab
11305 Glacier Highway
Juneau, AK 99801-8626

RE: Project 02680 / Remote Delivery of Persistent Organic Contaminants in
Alaska Fishes

Dear Dr. ~~Rice~~, Mr. ~~Short~~, and Dr. ~~Moles~~:

On August 6, 2001 the *Exxon Valdez* Oil Spill Trustee Council acted upon the Fiscal Year 2002 Work Plan. At that meeting, the Council voted to defer action on Project 02680/Remote Delivery of Persistent Organic Contaminants in Alaska Fishes. The Council is tentatively scheduled to reconsider the project in December pending determination of the availability of funds from other sources. If at that time funds are approved, funding would be contingent on submittal of overdue reports (00195, 00598).

At the August 6 meeting, the Trustee Council authorized projects totaling \$3.1 million. In December, 18 deferred projects totaling approximately \$2.1 million will be considered. The cap for the FY 02 Work Plan is \$5 million, so it will not be possible to fund all deferred projects.

Federal Trustees

U.S. Department of the Interior
U.S. Department of Agriculture
National Oceanic and Atmospheric Administration

State Trustees

Alaska Department of Fish and Game
Alaska Department of Environmental Conservation
Alaska Department of Law

Thank you for your participation in the *Exxon Valdez* oil spill restoration program. A copy of the Trustee Council's action on your project is enclosed.

Sincerely,

A handwritten signature in black ink that reads "Molly McCammon". The signature is written in a cursive style with a long horizontal flourish at the end.

Molly McCammon
Executive Director

Enclosure

cc: Stacy Masters, NOAA

mm/pdb

TRUS COUNCIL ACTION (8/6/01) / FY 02 WORK .N

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	TC Approve 8/6/01	Defer to December	FY03 Recom.	Sum FY 02-03
02680	Remote Delivery of Persistent Organic Contaminants in Alaska Fishes	S. Rice, J. Short, A. Moles/NOAA	NOAA	New 1st yr. 1 yr. project	\$0.0	\$75.6	\$0.0	\$75.6

Project Abstract

Chief Scientist's Recommendation

Trustee Council Action

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.

This is a good effort by qualified investigators to characterize concentrations of POPs (persistent organic pollutants) in an important seafood product over a wide geographic area. Two of the sampling areas are outside of the spill area. There will be an interest by GEM in collecting data regarding the abundance and distribution of POPs in the Gulf of Alaska, but these measurements will likely be made in partnership with other funding agencies with a broader geographic mandate for contaminant assessment and the protection of public health. Defer pending determination of availability of matching funds.

Defer decision on funding this project to December, pending determination of availability of funds from other sources. If funded, funding will be contingent on submittal of overdue reports (00195, 00598). This project would sample the flesh and ovaries of salmon returning to the Kenai and Copper rivers, as well as two sites outside of the spill area--the Yukon and Unuk rivers. The flesh is important to consumers; the ovaries are important to the survival and success of progeny of the stock. It is anticipated that GEM will have a contributing role in the ongoing monitoring and study of contaminants.

Exxon Valdez Oil Spill Trustee Council

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



August 13, 2001

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

RE: Project 02668 / Developing an Interactive Water Quality and Habitat Database and Making it Accessible on the Web

Dear Mr. ~~Cooper~~ ^{Joel}:

On August 6, 2001 the *Exxon Valdez* Oil Spill Trustee Council acted upon the Fiscal Year 2002 Work Plan. At that meeting, the Council voted to defer action on Project 02668/Developing an Interactive Water Quality and Habitat Database and Making it Accessible on the Web. The Council is tentatively scheduled to reconsider the project in December following satisfactory response to the Chief Scientist's concerns. In anticipation of your project being considered at that time, please submit a memo or letter that (a) clarifies the relationship between this proposed database and CIIMMS and (b) explains why CIIMMS cannot meet the data exchange goals identified in your proposal to the Restoration Office, ATTN: Sandra Schubert, no later than **November 1, 2001**.

At the August 6 meeting, the Trustee Council authorized projects totaling \$3.1 million. In December, 18 deferred projects totaling approximately \$2.1 million will be considered. The cap for the FY 02 Work Plan is \$5 million, so it will not be possible to fund all deferred projects.

Federal Trustees

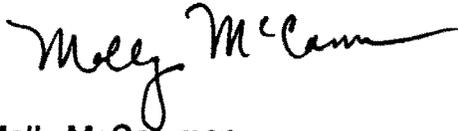
U.S. Department of the Interior
U.S. Department of Agriculture
National Oceanic and Atmospheric Administration

State Trustees

Alaska Department of Fish and Game
Alaska Department of Environmental Conservation
Alaska Department of Law

Thank you for your participation in the *Exxon Valdez* oil spill restoration program. A copy of the Trustee Council's action on your project is enclosed. If you have questions, please contact the Trustee Council liaison for your lead agency.

Sincerely,

A handwritten signature in black ink that reads "Molly McCammon". The signature is fluid and cursive, with a long horizontal stroke at the end.

Molly McCammon
Executive Director

Enclosure

cc: Marianne See, ADEC Liaison

mm/pdb

TRU: COUNCIL ACTION (8/6/01) / FY 02 WORK AN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	TC Approve 8/6/01	Defer to December	FY03 Recom.	Sum FY 02-03
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	\$0.0	\$16.1	\$0.0	\$16.1

Project Abstract

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.

Chief Scientist's Recommendation

The Trustee Council has spent \$1 million over the last three years to create the Cook Inlet Information Management and Monitoring System (CIIMMS), in part to address the needs identified in this project. The proposal does not make a convincing case for why CIIMMS, or the other systems listed, cannot serve as the necessary vehicle for meeting the data exchange goals identified. Defer pending clarification of this issue.

Trustee Council Action

Defer decision on funding this project to December, pending resolution of the Chief Scientist's concerns about the relationship between this proposed water quality database and CIIMMS (Cook Inlet Information Management and Monitoring System, Project /391), in which the Trustee Council has made a major financial investment. This project would provide funding for Cook Inlet Keeper to participate in creating a single unified database for water quality and habitat data collected by Keeper and other citizen-based monitoring groups in Cook Inlet. It has good cost sharing with other interested entities.

Exxon Valdez Oil Spill Trustee Council

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



August 13, 2001

Mary Anne Bishop, PhD
PWSSC
PO Box 705
Cordova, AK 99574-0705

RE: Project 02659-BAA / Preparation and Publication of Results from SEA and
NVP Avian Predation Studies

Mary Anne
Dear Dr. Bishop:

On August 6, 2001 the *Exxon Valdez* Oil Spill Trustee Council acted upon the Fiscal Year 2002 Work Plan. At that meeting, the Council voted to defer action on Project 02659/Preparation and Publication of Results from SEA and NVP Avian Predation Studies. The Council is tentatively scheduled to reconsider the project in December following a review by the Chief Scientist of a revised proposal that clarifies what previously unpublished material would be the subject of the three manuscripts proposed. A revised budget, which reduces the amount of funds for page costs to \$1,000 (the maximum allowed per project by the Council's budget instructions), also needs to be prepared. In anticipation of your project being considered in December, please submit a revised Detailed Project Description and budget to the Restoration Office, ATTN: Sandra Schubert, no later than **November 1, 2001**.

At the August 6 meeting, the Trustee Council authorized projects totaling \$3.1 million. In December, 18 deferred projects totaling approximately \$2.1 million will be considered. The cap for the FY 02 Work Plan is \$5 million, so it will not be possible to fund all deferred projects.

Federal Trustees

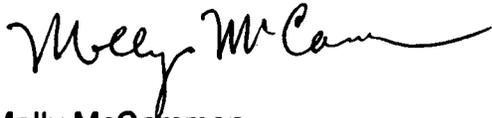
U.S. Department of the Interior
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Thank you for your participation in the *Exxon Valdez* oil spill restoration program. A copy of the Trustee Council's action on your project is enclosed. If you have questions, please contact the Trustee Council liaison for your lead agency.

Sincerely,

A handwritten signature in cursive script that reads "Molly McCammon". The signature is fluid and extends to the right with a long tail.

Molly McCammon
Executive Director

Enclosure

cc: Stacy Masters, NOAA
Sharon Kent, NOAA Contracting

mm/pdb

TRUSTEE COUNCIL ACTION (8/6/01) / FY 02 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	TC Approve 8/6/01	Defer to December	FY03 Recom.	Sum FY 02-03
02659-BAA	Preparation and Publication of Results from SEA and NVP Avian Predation Studies	M. Bishop/PWSSC	NOAA	New 1st yr. 1 yr. project	\$0.0	\$29.7	\$0.0	\$29.7

Project Abstract

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*.

Chief Scientist's Recommendation

This proposal would fund an additional three manuscripts based on work in the SEA (Sound Ecosystem Assessment, Project /320) and NVP (Nearshore Vertebrate Predators, Project /025) projects. The principal investigator has a good publication record and would likely produce the manuscripts. However, it is not clear from the proposal what previously unpublished material on herring roe predation would appear in the first two proposed manuscripts. It is also not clear what aspect of blue mussel predation would be the subject of the third manuscript. Defer pending submission of a revised proposal with more justification and detail.

Trustee Council Action

Defer decision on funding this project to December, pending submittal and approval of a revised Detailed Project Description that clarifies what previously unpublished material would be the subject of the three manuscripts proposed. If funded, funding would be contingent on resolution of budget questions.

Exxon Valdez Oil Spill Trustee Council

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



August 13, 2001

Sonia Batten, PhD
SAHFOS
1 Walker Terrace, The Hoe
Plymouth, England PL1 3BN
UNITED KINGDOM

David Welch, PhD
Dept of Fisheries & Oceans
Canada Pacific Biological Station
Nanaimo, British Columbia V9R 5K6
CANADA

RE: Project 02624-BAA / A CPR-Based Plankton Survey Using Ships of Opportunity to Monitor the Gulf of Alaska

Dear Dr. Batten and Dr. Welch:

On August 6, 2001 the *Exxon Valdez* Oil Spill Trustee Council acted upon the Fiscal Year 2002 Work Plan. At that meeting, the Council voted to defer action on Project 02624/A CPR-Based Plankton Survey Using Ships of Opportunity to Monitor the Gulf of Alaska. The Council is tentatively scheduled to reconsider the project in December pending more information on the availability of funds for this purpose from the North Pacific Research Board. If the Council approves funds for the project at that time, the funds will be contingent on (a) receipt of a description of the equipment deployment procedures intended to insure against loss of data and (b) resolution of budget questions.

At the August 6 meeting, the Trustee Council authorized projects totaling \$3.1 million. In December, 18 deferred projects totaling approximately \$2.1 million will be considered. The cap for the FY 02 Work Plan is \$5 million, so it will not be possible to fund all deferred projects.

Thank you for your participation in the *Exxon Valdez* oil spill restoration program. A copy of the Trustee Council's action on your project is enclosed. If you have questions, please contact the Trustee Council liaison for your lead agency.

Sincerely,

A handwritten signature in black ink that reads "Molly McCammon". The signature is fluid and cursive, with a long horizontal stroke at the end.

Molly McCammon
Executive Director

Enclosure

cc: Stacy Masters, NOAA
Sharon Kent, NOAA Contracting

mm/pdb

TRUSTEES COUNCIL ACTION (8/6/01) / FY 02 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	TC Approve 8/6/01	Defer to December	FY03 Recom.	Sum FY 02-03
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	\$0.0	\$133.4	\$0.0	\$133.4
	<u>Project Abstract</u>	<u>Chief Scientist's Recommendation</u>				<u>Trustee Council Action</u>		
	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 CPR (continuous plankton recorders) in the North Pacific to prepare for GEM.	This kind of program--instrumented ships of opportunity--will likely be the way to establish a long-term oceanic monitoring program in the Gulf of Alaska. The largest tankers are not hindered much by the weather, so rather continuous sampling can be expected. Questions of spatial and temporal coverage must be evaluated, however, since the understanding of how the plankton is distributed will only be as good as the sampling design permits. Fund, but defer until December in order to assess the availability of cost sharing with the North Pacific Research Board (NPRB).				Defer decision on funding this project to December, pending more information on the availability of funds for this purpose from the North Pacific Research Board. If funded, funding will be contingent on (a) receipt of a description of the deployment procedure intended to insure against loss of data and (b) resolution of budget questions. This project would fund continuation of a continuous plankton recorder (CPR) on an oil tanker traveling from Valdez to Long Beach and on a second vessel along a Vancouver, B.C. to Kamchatka monitoring line. The Valdez to Long Beach recorder was funded in FY 00 and FY 01 by the North Pacific Marine Research fund. Vessels of opportunity such as this are a cost-effective method that may be useful to GEM, and proposals to place oceanographic instrumentation packages on ships of opportunity were specifically invited in the <i>FY 02 Invitation</i> .		

Exxon Valdez Oil Spill Trustee Council

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



August 13, 2001

Susan Saupe
Cook Inlet RCAC
910 Highland Ave
Kenai, AK 99611

RE: Project 02618-BAA / Measurements of Tide Rip Front Variability in Cook Inlet

Dear Ms. ~~Saupe~~ ^{Susan}:

The Exxon Valdez Oil Spill Trustee Council received \$10.3 million in proposals for a Fiscal Year 2002 Work Plan of \$5 million. It was not possible to fund all proposals that were submitted.

In June I notified you of my recommendation that the Trustee Council not fund Project 02618-BAA / Measurements of Tide Rip Front Variability in Cook Inlet. The Council acted on the FY 2002 Work Plan on August 6, 2001. This letter is to inform you that the Council accepted my recommendation and did not fund your project for FY 02. A copy of the Council's action on your project is enclosed.

I appreciate your interest in the restoration program and hope you will consider submitting proposals in future years.

Sincerely,

Molly McCammon
Executive Director

Enclosure

cc: Stacy Masters, NOAA
Sharon Kent, NOAA Contracting

mrv/pdb

TRUSTEE COUNCIL ACTION (8/6/01) / FY 02 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	TC Approve 8/6/01	Defer to December	FY03 Recom.	Sum FY 02-03
02618-BAA	Measurements of Tide Rip Front Variability in Cook Inlet	S. Saupe/CIRCAC	NOAA	New 1st yr. 2 yr. project	\$0.0	\$0.0	\$0.0	\$0.0

Project Abstract

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.

Chief Scientist's Recommendation

The proposal does not make a compelling link to restoration objectives, as spill response is not within the mission of the Trustee Council. While the program is fairly inexpensive, there are questions about the technical feasibility and potential biasing of the data. Do not fund.

Trustee Council Action

Do not fund. This project would purchase a thermosalinograph to assist Cook Inlet Spill Prevention and Response, Inc. (CISPRI) in identifying variability of tide rip fronts in Cook Inlet in order to improve spill prevention and response capabilities. Trustee Council funds cannot be used for preparation for future spills. In addition, the Chief Scientist has raised questions about the project's technical feasibility and potential biasing of the data. However, the proposer should continue to explore with Council staff possible projects and ideas that might be mutually beneficial in terms of CIRCAC's (Cook Inlet Regional Citizens' Advisory Council) interest in environmental monitoring and GEM.

Exxon Valdez Oil Spill Trustee Council

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



August 13, 2001

Russell R. Hopcroft
UAF IMS
PO Box 757220
Fairbanks, AK 99775-1220

Ken Coyle
UAF/FOS
PO Box 757220
Fairbanks, AK 99775-1080

RE: Project 02617 / Standing Stock and Secondary Production of Zooplankton in Prince William Sound

Dear Mr. Hopcroft and Mr. Coyle:

The Exxon Valdez Oil Spill Trustee Council received \$10.3 million in proposals for a Fiscal Year 2002 Work Plan of \$5 million. It was not possible to fund all proposals that were submitted.

In June I notified you of my recommendation that the Trustee Council not fund Project 02617/Standing Stock and Secondary Production of Zooplankton in Prince William Sound. The Council acted on the FY 2002 Work Plan on August 6, 2001. This letter is to inform you that the Council accepted my recommendation and did not fund your project for FY 02. A copy of the Council's action on your project is enclosed.

I appreciate your interest in the restoration program and hope you will consider submitting proposals in future years.

Sincerely,

A handwritten signature in black ink, appearing to read 'Molly McCammon'. The signature is fluid and cursive, written over a white background.

Molly McCammon
Executive Director

Enclosure

cc: Bill Hauser, ADF&G Liaison

mmv/pdb

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TRUSTEE COUNCIL ACTION (8/6/01) / FY 02 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	TC Approve 8/6/01	Defer to December	FY03 Recom.	Sum FY 02-03
02617	Standing Stock and Secondary Production of Zooplankton in Prince William Sound	R. Hopcroft, K. Coyle/UAF	ADFG	New 1st yr. 1 yr. project	\$0.0	\$0.0	\$0.0	\$0.0
	<u>Project Abstract</u>	<u>Chief Scientist's Recommendation</u>				<u>Trustee Council Action</u>		
	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.	This proposal would collect and report a substantial amount of data pertaining to the zooplankton community in Prince William Sound, for comparison with collections obtained by GLOBEC on the shelf and oceanic region south of Seward and with hatcheries in the sound. A plankton monitoring program will likely be a part of GEM, but any acoustic-net surveys in GEM should collect data on a wide size range of plankton, nekton, and fish. It would be more useful to GEM to examine some approaches (like this proposal) so that when the time comes to initiate long-term monitoring, there will be a basis for specifying the characteristics (e.g., sampling gear, frequency of samples, location of samples, sampling platforms, taxa) of that program. Developing a plan for a well-coordinated use of acoustics as part of GEM is more important than initiating sampling at this time in order to have data that can be compared to GLOBEC sampling. Do not fund.				Do not fund. Although a plankton monitoring program will likely be a part of GEM, it is premature to initiate data collection at this time. A plan for a well-coordinated use of acoustic-net surveys needs to be developed first.		

Exxon Valdez Oil Spill Trustee Council

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



August 13, 2001

Stephen R. Okkonen, PhD
UAF IMS
PO Box 757220
Fairbanks, AK 99775

RE: Project 02614 / Monitoring Program for Near-Surface Temperature,
Salinity, and Fluorescence in the Northern Pacific Ocean

~~Steve~~
Dear Dr. Okkonen:

The *Exxon Valdez* Oil Spill Trustee Council acted on the Fiscal Year 2002 Work Plan at its meeting August 6, 2001. I am pleased to inform you that the Council approved funding in the amount of \$38,200 for Project 02614/Monitoring Program for Near-Surface Temperature, Salinity, and Fluorescence in the Northern Pacific Ocean contingent on receipt of a written description of the deployment and maintenance procedures that will be followed to insure that data acquisition and recording equipment used on the project is functioning properly at the time of deployment and also during operation. While we understand that investigators who use data acquisition and recording technologies may routinely follow procedures intended to avoid data losses due to human error, it is our experience that losses of substantial amounts of data can occur when equipment is not properly prepared and tested before deployment. Please submit your documentation to the Restoration Office, ATTN: Sandra Schubert.

In addition to satisfying the condition specified above, before a project may begin the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. The lead agency must also execute a contract or Reimbursable Services Agreement with you. For most projects this will occur before October 1, 2001. If so, you may receive authorization from the Executive Director to begin the FY 02 project on that date. Any delay in satisfying the condition, documenting NEPA compliance, or executing a contract will delay start of the project. If you have any questions, please contact the Trustee Council liaison for your lead agency.

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A copy of the Council's action on your project is enclosed. Funding includes \$28,600 in direct project funds, \$7,100 in University indirect, and \$2,500 in agency administrative costs.

Projects approved for FY 02 are approved in the expectation that they will be funded to their completion. However, the Trustee Council will annually evaluate a project's future funding needs based on its progress or results to date, overall restoration needs, and restoration funding constraints. The future year's funding projection for your project is \$17,100 (including agency administrative costs) for FY 03; this will be reviewed again next year.

Thank you for your participation in the *Exxon Valdez* oil spill restoration program. We appreciate your continued interest, and look forward to working with you this coming year.

Sincerely,

A handwritten signature in cursive script that reads "Molly McCammon".

Molly McCammon
Executive Director

Enclosure

cc: Bill Hauser, ADF&G Liaison

mm/pdb

TRUSTEE COUNCIL ACTION (8/6/01) / FY 02 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	TC Approve 8/6/01	Defer to December	FY03 Recom.	Sum FY 02-03
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	\$0.0	\$17.1	\$55.3
	<u>Project Abstract</u>	<u>Chief Scientist's Recommendation</u>					<u>Trustee Council Action</u>	
	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.	This is an innovative proposal to determine the feasibility of taking frequent surface ocean measurements of temperature, salinity, and fluorescence on oil tankers traveling from Alaska to California. This would provide a stream of data on ocean conditions in Alaskan waters that would be extremely useful to GEM and supplement data taken by satellites and from fixed buoys on the GAK-1 line and data from NE GLOBEC (Global Climate Change) transects. Fund.					Fund contingent on receipt of a description of the deployment procedure intended to insure against loss of data. This project will install a thermosalinograph and fluorometer on a crude oil tanker traveling between Valdez and Long Beach. Vessels of opportunity such as this are a cost-effective method that may be useful to GEM, and proposals to place oceanographic instrumentation packages on ships of opportunity were specifically invited in the <i>FY 02 Invitation</i> . The data collected by this project on ocean conditions in Alaskan waters will be extremely useful to GEM.	

Exxon Valdez Oil Spill Trustee Council

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



August 13, 2001

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

James H. Churnside
NOAA Environmental Tech Lab, R/E/ETI
325 Broadway
Boulder, CO 80303

RE: Project 02584 / Evaluation of Airborne Remote Sensing Tools for GEM Monitoring

Dear Ms. Brown and Mr. Churnside:

On August 6, 2001 the *Exxon Valdez* Oil Spill Trustee Council acted upon the Fiscal Year 2002 Work Plan. At that meeting, the Council voted to defer action on Project 02584/Evaluation of Airborne Remote Sensing Tools for GEM Monitoring. The Council is tentatively scheduled to reconsider the project in December following review of the revised budget and other information you submitted in response to the Chief Scientist's recommendation that you reduce the scope of the project. If funding is approved in December, release of the funds will be contingent on submittal of (a) a description of the equipment deployment procedures intended to insure against loss of data and (b) the Project 99375 report.

At the August 6 meeting, the Trustee Council authorized projects totaling \$3.1 million. In December, 18 deferred projects totaling approximately \$2.1 million will be considered. The cap for the FY 02 Work Plan is \$5 million, so it will not be possible to fund all deferred projects.

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Thank you for your participation in the *Exxon Valdez* oil spill restoration program. A copy of the Trustee Council's action on your project is enclosed. If you have questions, please contact the Trustee Council liaison for your lead agency.

Sincerely,

A handwritten signature in black ink that reads "Molly McCammon". The signature is fluid and cursive, with a long horizontal flourish extending to the right.

Molly McCammon
Executive Director

Enclosure

cc: Bill Hauser, ADF&G Liaison
Stacy Masters, NOAA

mm/pdb

TRUSTEE COUNCIL ACTION (8/6/01) / FY 02 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	TC Approve 8/6/01	Defer to December	FY03 Recom.	Sum FY 02-03
02584	Evaluation of Airborne Remote Sensing Tools for GEM Monitoring	E. Brown/UAF, J. Churnside/NOAA	ADFG	New 1st yr. 3 yr. project	\$0.0	\$75.0		\$75.0

Project Abstract

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 (Light Detection and Ranging) to map subsurface biological features day to a maximum of 50 m, (b) an infrared radiometer to map SST (sea surface temperature) day (similar to AVHRR, Advanced Very High Resolution Radiometer), (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 validation and interpretation of remote sensed data. [Note: The FY 04 cost (year 3 of the project) has not been provided.]

Chief Scientist's Recommendation

The development of monitoring tools using LIDAR (Light Detection and Ranging) or other remote sensing techniques could be very valuable for GEM. The proposal is very ambitious and broad-ranging, and it seems unlikely that all project objectives can be achieved. Development work for remote sensing techniques is frequently difficult and expensive. A more limited set of objectives focused on proof-of-concept might be appropriate. Defer pending review of a revised proposal that addresses proof-of-concept only, assessment of support from other agencies, and delivery of past due reports by the principal investigator (Brown).

Trustee Council Action

Defer decision on funding this project to December, pending review of a revised Detailed Project Description and budget that (a) reduce the project's focus to proof-of-concept (roughly \$75,000) and (b) include more information on financial support from other entities. If funded, funding will be contingent on (a) receipt of a description of the deployment procedure intended to insure against loss of data and (b) submittal of overdue report (Project 99375). This project would explore airborne remote sensing instrumentation as a monitoring tool for GEM. The *FY 02 Invitation* invited proposals to develop cost-effective data acquisition technologies that could be useful to GEM.

Exxon Valdez Oil Spill Trustee Council

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



August 13, 2001

Dennis C. Lees
Littoral Ecological &
Environmental Services
1075 Urania Ave.
Leucadia, CA 92024

RE: Project 02574-BAA / Assessment of Bivalve Recovery on Treated Mixed-Soft Beaches in Prince William Sound

Dear Mr. Lees:

On August 6, 2001 the *Exxon Valdez* Oil Spill Trustee Council acted upon the Fiscal Year 2002 Work Plan. At that meeting, the Council voted to defer action on Project 02574/Assessment of Bivalve Recovery on Treated Mixed-Soft Beaches in Prince William Sound. The Council is tentatively scheduled to reconsider the project in December following a review by the Chief Scientist of a revised proposal. In anticipation of your project being considered at that time, please submit a revised Detailed Project Description and budget that address the Chief Scientist's concerns (further development of shoreline treatment history and preparation of results for the peer reviewed literature) to the Restoration Office, ATTN: Sandra Schubert, no later than **November 1, 2001**.

At the August 6 meeting, the Trustee Council authorized projects totaling \$3.1 million. In December, 18 deferred projects totaling approximately \$2.1 million will be considered. The cap for the FY 02 Work Plan is \$5 million, so it will not be possible to fund all deferred projects.

Thank you for your participation in the *Exxon Valdez* oil spill restoration program. A copy of the Trustee Council's action on your project is enclosed. If you have questions, please contact the Trustee Council liaison for your lead agency.

Sincerely,

A handwritten signature in black ink that reads "Molly McCammon". The signature is fluid and cursive, with a long horizontal stroke at the end.

Molly McCammon
Executive Director

Enclosure

cc: Stacy Masters, NOAA
Sharon Kent, NOAA Contracting

mm/pdb

TRUS COUNCIL ACTION (8/6/01) / FY 02 WORK IN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	TC Approve 8/6/01	Defer to December	FY03 Recom.	Sum FY 02-03
02574-BAA	Assessment of Bivalve Recovery on Treated Mixed-Soft Beaches in Prince William Sound	D. Lees/Littoral Eco.& Environ. Services	NOAA	New 1st yr. 2 yr. project	\$0.0	\$94.8		\$94.8
	<u>Project Abstract</u>	<u>Chief Scientist's Recommendation</u>				<u>Trustee Council Action</u>		
	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.	This proposal would extend sampling initiated under the National Oceanic and Atmospheric Administration's HAZMAT program to document continuing effects of shoreline cleanup on populations of important bivalves. This would allow the conclusions drawn in the HAZMAT studies to be generalized over a larger geographic range within the oil spill area. The removal of fine sediments by shoreline cleanup and the subsequent biological consequences appear to be long-term effects of the spill. The proposal is well prepared and the principal investigator has been responsive to past comments in reducing the scope and cost of the effort. However, there is no compelling evidence that the work would reach the peer reviewed literature where this information would be of most value to restoration efforts. In addition, the uncertainty over treatment history of shorelines casts some doubt on the feasibility of the project. Defer pending submission and evaluation of revised proposal.				Defer decision on funding this project to December, pending review of a revised Detailed Project Description that addresses the Chief Scientist's concerns (further development of shoreline treatment history and preparation of results for peer reviewed literature). This proposal would extend sampling initiated under the National Oceanic and Atmospheric Administration's HAZMAT program to document continuing effects of shoreline cleanup on populations of important bivalves, thus allowing the results to be generalized over a larger geographic range. This would be a worthwhile endeavor.		

Exxon Valdez Oil Spill Trustee Council

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



August 13, 2001

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

Howard Feder, PhD
UAF/IMS
PO Box 757220
Fairbanks, AK 99775-1080

RE: Project 02578 / The Marine Macrofauna of Prince William Sound: An Annotated List

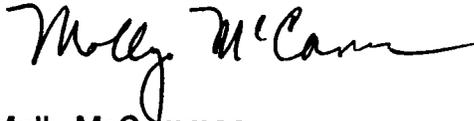
Dear Ms. Foster and Dr. Feder:

On August 6, 2001 the *Exxon Valdez* Oil Spill Trustee Council acted upon the Fiscal Year 2002 Work Plan. At that meeting, the Council voted to defer action on Project 02578/The Marine Macrofauna of Prince William Sound: An Annotated List. The Council is tentatively scheduled to reconsider the project in December following a reevaluation of funding priorities in the fall. If at that time a decision is made to fund Project 02578, funding would be contingent on resolution of budget issues (i.e., travel and equipment costs).

At the August 6 meeting, the Trustee Council authorized projects totaling \$3.1 million. In December, 18 deferred projects totaling approximately \$2.1 million will be considered. The cap for the FY 02 Work Plan is \$5 million, so it will not be possible to fund all deferred projects.

Thank you for your participation in the *Exxon Valdez* oil spill restoration program. A copy of the Trustee Council's action on your project is enclosed. If you have questions, please contact the Trustee Council liaison for your lead agency.

Sincerely,

A handwritten signature in black ink that reads "Molly McCammon". The signature is fluid and cursive, with the first name "Molly" and last name "McCammon" clearly legible.

Molly McCammon
Executive Director

Enclosure

cc: Stacy Masters, NOAA
Sharon Kent, NOAA Contracting

mm/pdb

TRUSTEE COUNCIL ACTION (8/6/01) / FY 02 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	TC Approve 8/6/01	Defer to December	FY03 Recom.	Sum FY 02-03
02578	The Marine Macrofauna of Prince William Sound: An Annotated List	N. Foster, H. Feder	NOAA	New 1st yr. 1 yr. project	\$0.0	\$35.0	\$0.0	\$35.0
	<u>Project Abstract</u>	<u>Chief Scientist's Recommendation</u>				<u>Trustee Council Action</u>		
	Data sets that present basic taxonomic and biogeographic information at the species level for 1,645 animal species from 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.	I recommend careful consideration of this proposal. Its priority ranking may be high enough to justify its support for FY 02. It is worthy but not an essential piece of work. Fund lower priority.				Defer decision on funding this project to December, pending availability of funds. If funded, funding will be contingent on resolution of budget issues. This project would produce a publication on the marine macrofauna of Prince William Sound, using data compiled through other research on non-indigenous species in the sound.		

Exxon Valdez Oil Spill Trustee Council

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



August 13, 2001

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

RE: Project 02565 / Bottom-Up vs. Top Down: What Forces Control
Variability in Kachemak Bay?

~~Dear Dr. Schoch:~~

The Exxon Valdez Oil Spill Trustee Council received \$10.3 million in proposals for a Fiscal Year 2002 Work Plan of \$5 million. It was not possible to fund all proposals that were submitted.

In June I notified you of my recommendation that the Trustee Council not fund Project 02565/Bottom-Up vs. Top Down: What Forces Control Variability in Kachemak Bay? The Council acted on the FY 2002 Work Plan on August 6, 2001. This letter is to inform you that the Council accepted my recommendation and did not fund your project for FY 02. A copy of the Council's action on your project is enclosed.

I appreciate your interest in the restoration program.

Sincerely,

Molly McCammon
Executive Director

Enclosure

cc: Bill Hauser, ADF&G Liaison

mm/pdb

TRUSTEE COUNCIL ACTION (8/6/01) / FY 02 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	TC Approve 8/6/01	Defer to December	FY03 Recom.	Sum FY 02-03
02565	Bottom-Up vs. Top Down: What Forces Control Variability in Kachemak Bay?	C. Schoch/Kachemak Bay NERR	ADFG	New 1st yr. 1 yr. project	\$0.0	\$0.0	\$0.0	\$0.0

Project Abstract

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 (Partnership for the Interdisciplinary Study of Coastal Oceans) .

Chief Scientist's Recommendation

This proposal appears to have merit and could be implemented in the future, although the methodology needs to be more fully developed. One of the potential strengths of this project is actual measurement of larval recruitment that might be understood in the broader context of oceanographic forcing. Overriding these conditions, the proposal is premature with respect to development of GEM. Results of activities conducted pursuant to Project 02395/Planning for Long-Term Monitoring in the Nearshore would need to be included in a revised proposal. Do not fund.

Trustee Council Action

Do not fund. This project, which would establish intertidal and subtidal transects in Kachemak Bay with a goal of furthering understanding of the interaction of the nearshore oceanographic environment with coastal marine communities, is premature with respect to development of GEM. If this proposal is resubmitted in a future year, the Chief Scientist has recommended that the methodology be further developed and results from Project 02395/Planning for Long-Term Monitoring in the Nearshore be included.

Exxon Valdez Oil Spill Trustee Council

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



August 13, 2001

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

RE: Project 02558 / Harbor Seal Recovery: Application of New Technologies
for Monitoring Health

Shannon
Dear Dr. Atkinson:

The Exxon Valdez Oil Spill Trustee Council acted on the Fiscal Year 2002 Work Plan at its meeting August 6, 2001. I am pleased to inform you that the Council approved funding in the amount of \$292,300 for Project 02558/Harbor Seal Recovery: Application of New Technologies for Monitoring Health contingent on the receipt of information regarding the availability of federal funds for research on harbor seals at the Alaska SeaLife Center. Please submit the requested information in the form of a memo to me.

A copy of the Council's action on your project is enclosed. Funding includes \$96,000 in direct project funds, \$24,000 in University indirect, \$8,400 in ADF&G administrative costs, \$153,200 for Alaska SeaLife Center bench fees, and \$10,700 for ADF&G to administer the bench fees.

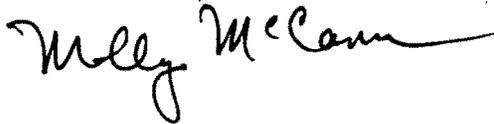
In addition to satisfying the condition specified above, before a project may begin the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. For most projects this will occur before October 1, 2001. If so, you may receive authorization from the Executive Director to begin the FY 02 project on that date. Any delay in satisfying the condition or documenting NEPA compliance will delay start of the project. If you have any questions, please contact the Trustee Council liaison for your lead agency.

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Thank you for your participation in the *Exxon Valdez* oil spill restoration program. We appreciate your continued interest, and look forward to working with you this coming year.

Sincerely,

A handwritten signature in black ink that reads "Molly McCammon". The signature is fluid and cursive, with the first name "Molly" written in a larger, more prominent script than the last name "McCammon".

Molly McCammon
Executive Director

Enclosure

cc: Bill Hauser, ADF&G Liaison

mm/pdb

TRUSTEE COUNCIL ACTION (8/6/01) / FY 02 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	TC Approve 8/6/01	Defer to December	FY03 Recom.	Sum FY 02-03
02558	Harbor Seal Recovery: Application of New Technologies for Monitoring Health	S. Atkinson/UAF	ADFG	Cont'd 2nd yr. 3 yr. project	\$292.3	\$0.0		\$292.3

Project Abstract

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 (T₄), triiodothyronine (T₃), 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.

Chief Scientist's Recommendation

This project is documenting changes in the immune and endocrine markers in the blood of captive harbor seals, and will use rehabilitating seals to determine if such measures have a relationship to contaminants. The project is on track to meet its objectives: assays have been validated, monoclonal antibodies for harbor seal immunoglobulins are being developed, and blood samples have been analyzed for thyroid hormones. Fund.

Trustee Council Action

Fund contingent on receipt of information from the principal investigator regarding the availability of federal funds for research on harbor seals at the Alaska SeaLife Center. This project is employing new technologies at the Alaska SeaLife Center to assess and monitor the health of harbor seals. [Note: Funding includes \$163,900 for Alaska SeaLife Center bench fees.]

Exxon Valdez Oil Spill Trustee Council

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



August 13, 2001

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

RE: Project 02556 / Mapping Marine Habitats: The First Step in a Spatially
Nested Monitoring Program

Dear Dr. ~~Schoch~~ ^{Carl}:

On August 6, 2001 the *Exxon Valdez* Oil Spill Trustee Council acted upon the Fiscal Year 2002 Work Plan. At that meeting, the Council voted to defer action on Project 02556/Mapping Marine Habitats: The First Step in a Spatially Nested Monitoring Program until the nearshore/intertidal workshop funded under Project 02395 has been held. A copy of the Trustee Council's action on your project is enclosed.

At the August 6 meeting, the Trustee Council authorized projects totaling \$3.1 million. In December, 18 deferred projects totaling approximately \$2.1 million will be considered. The cap for the FY 02 Work Plan is \$5 million, so it will not be possible to fund all deferred projects.

Thank you for your participation in the *Exxon Valdez* oil spill restoration program. If you have questions, please contact the Trustee Council liaison for your agency.

Sincerely,


Molly McCammon
Executive Director

Enclosure

cc: Bill Hauser, ADF&G Liaison

mmv/pdb

TRUSTEE COUNCIL ACTION (8/6/01) / FY 02 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	TC Approve 8/6/01	Defer to December	FY03 Recom.	Sum FY 02-03
02556	Mapping Marine Habitats: The First Step in a Spatially Nested Monitoring Program	C. Schoch/Kachemak Bay NERR	ADFG	New 1st yr. 1 yr. project	\$0.0	\$50.0	\$0.0	\$50.0
	<u>Project Abstract</u>	<u>Chief Scientist's Recommendation</u>				<u>Trustee Council Action</u>		
	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.	The GIS database of physical habitat features for intertidal and subtidal lands in Kachemak Bay could be a valuable baseline, and learning how to measure nearshore habitats in Kachemak Bay could provide a good starting point for intertidal monitoring for GEM. However, this project is premature considering the current status of GEM development. A workshop to develop options for long-term monitoring of the nearshore/intertidal under GEM is recommended for funding (Project 02395), and the proposer should participate in that workshop in order to integrate Kachemak Bay monitoring with broader GEM goals. Defer decision of whether or not to fund this project until after the workshop.				Defer decision on funding this project until the nearshore/intertidal workshop funded under Project 02395 has been held. The workshop is designed to develop options for long-term monitoring of the nearshore/intertidal under GEM. This project would build a spatially comprehensive database of the geomorphology and physical attributes of subtidal and intertidal habitats in Kachemak Bay and quantify the physical attributes that force spatial variation in diversity of fish, invertebrate, and algal populations.		

Exxon Valdez Oil Spill Trustee Council

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



August 13, 2001

Shari L Vaughan, PhD
PWS Science Center
PO Box 705
Cordova, AK 99574

RE: Project 02552-BAA / Exchange Between Prince William Sound and the Gulf of Alaska

Dear Dr. Vaughan:

On August 6, 2001 the *Exxon Valdez* Oil Spill Trustee Council acted upon the Fiscal Year 2002 Work Plan. At that meeting, the Council voted to defer action on Project 02552/Exchange Between Prince William Sound and the Gulf of Alaska. The Council is tentatively scheduled to reconsider the project in December pending satisfactory resolution of the technical issues raised by the Chief Scientist and further review of your publication record. In anticipation of your project being considered in December, please submit a written response to the Chief Scientist's concerns (attached) to the Restoration Office, ATTN: Sandra Schubert, no later than **November 1, 2001**.

At the August 6 meeting, the Trustee Council authorized projects totaling \$3.1 million. In December, 18 deferred projects totaling approximately \$2.1 million will be considered. The cap for the FY 02 Work Plan is \$5 million, so it will not be possible to fund all deferred projects. If a decision is made to fund Project 02552, funding will be contingent on (a) resolution of budget questions, (b) receipt of a description of the equipment deployment procedures, and (c) submittal of the 00552 report.

Thank you for your participation in the *Exxon Valdez* oil spill restoration program. A copy of the Trustee Council's action on your project is enclosed. If you have questions, please contact the Trustee Council liaison for your lead agency.

Sincerely,

A handwritten signature in cursive script that reads "Molly McCann".

Molly McCann
Executive Director

Enclosure

cc: Stacy Masters, NOAA
Sharon Kent, NOAA Contracting

mrv/pdb

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TRUSTEE COUNCIL ACTION (8/6/01) / FY 02 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	TC Approve 8/6/01	Defer to December	FY03 Recom.	Sum FY 02-03
02552-BAA	Exchange Between Prince William Sound and the Gulf of Alaska	S. Vaughan/PWSSC	NOAA	Cont'd 3rd yr. 3 yr. project	\$0.0	\$102.5	\$0.0	\$102.5
	<u>Project Abstract</u>	<u>Chief Scientist's Recommendation</u>				<u>Trustee Council Action</u>		
	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 the 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 (Acoustic Doppler Current Profiler) mooring in Hinchinbrook Entrance to create time series of velocities spanning three years. The mooring will be equipped with a CTD (conductivity temperature versus depth) 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.	Fixed instrumentation in Hinchinbrook Entrance is key to understanding the circulation and productivity of Prince William Sound and the Alaska Coastal Current. The Trustee Council has funded this project after the end of SEA (Sound Ecosystem Assessment, Project /320) in order to provide a continuing record. It is recognized that the single mooring has serious limitations for characterizing the exchange between the Alaska Coastal Current and the sound. Key to the limitations has been lack of summer/fall data due to battery-life limitations. Additionally, the upper forty-five meters of the water column are not sampled by the ADCP (Acoustic Doppler Current Profiler). The principal investigator was to pursue other sources of funds to address these limitations but additional funding has not been identified. Furthermore, there are overdue reports and manuscripts and no published papers over the past five years. Defer decision until above issues can be resolved.				Defer decision on funding this project to December, pending satisfactory resolution of the technical issues raised by the Chief Scientist and further review of the principal investigator's publication record. If funded, funding will be contingent on (a) resolution of budget questions, (b) receipt of a description of the deployment procedure intended to insure against loss of data, and (c) submittal of the overdue report on Project 00552. This project has continued data gathering and analysis from the Hinchinbrook Entrance buoy that was begun under SEA (Sound Ecosystem Assessment, Project /320). Although a buoy at Hinchinbrook Entrance is expected to be an important component of GEM, the Chief Scientist has identified a number of concerns with project implementation.		

Exxon Valdez Oil Spill Trustee Council

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



August 13, 2001

Edward O. (Ted) Otis
ADFG
PO Box 1402
Homer, AK 99603

Ronald A. Heintz
NMFS Auke Bay Lab
11305 Glacier Hwy
Juneau, AK 99801-8626

RE: Project 02538 / Evaluation of Two Methods to Discriminate Pacific Herring Stocks along the Northern Gulf of Alaska

Dear ~~Mr.~~^{Ted} Otis and ~~Mr.~~^{Ron} Heintz:

The Exxon Valdez Oil Spill Trustee Council acted on the Fiscal Year 2002 Work Plan at its meeting August 6, 2001. I am pleased to inform you that the Council approved funding in the amount of \$52,900 for Project 02538/Evaluation of Two Methods to Discriminate Pacific Herring Stocks along the Northern Gulf of Alaska contingent on (a) submittal and approval of a revised Detailed Project Description and budget that include a new objective related to Fall 2001 sampling and (b) submittal of overdue reports (projects 99347 and 00476). Funding includes \$46,900 in direct project funds and \$6,000 in agency administrative costs.

The Trustee Council voted to defer action on funding the analysis of the Fall 2001 samples. The Council is tentatively scheduled to reconsider this component of the project in December following the Chief Scientist's review of the results from the Spring 2001 sample analysis. In anticipation of your project being considered in December, please submit your preliminary results to the Restoration Office, ATTN: Sandra Schubert by November 1, 2001, if possible.

In addition to satisfying the condition specified above, before a project may begin the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. For most projects this will occur before October 1, 2001. If so, you may receive authorization from the Executive Director to begin the FY 02 project on that

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date. Any delay in satisfying the condition or documenting NEPA compliance will delay start of the project. If you have any questions, please contact the Trustee Council liaison for your lead agency.

Thank you for your participation in the *Exxon Valdez* oil spill restoration program. We appreciate your continued interest, and look forward to working with you this coming year. A copy of the Council's action on your project is enclosed.

Sincerely,



Molly McCammon
Executive Director

Enclosure

cc: Bill Hauser, ADF&G Liaison
Stacy Masters, NOAA

mm/pdb

TRUSTEES COUNCIL ACTION (8/6/01) / FY 02 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	TC Approve 8/6/01	Defer to December	FY03 Recom.	Sum FY 02-03
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	\$52.9	\$27.5	\$0.0	\$80.4

Project Abstract

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.

Chief Scientist's Recommendation

The goal of this project, to explore potential geographic composition of spawning aggregations, addresses an important question for management of herring in the oil spill area. The project is on track as reviewed in FY 01. Collections of herring in the fall should be made to obtain additional material for stock identification using the experimental techniques of this project. Investigators are encouraged to compile and use environmental data from the areas where the herring collections are being made in order to better interpret the results of the elemental analysis of otoliths. Investigators are also encouraged to at least double the amount of otoliths and heart tissue necessary to meet project-specified sampling objectives in order to archive for possible future analysis. Fund, including increment for Fall 2001 sampling.

Trustee Council Action

Fund analysis of Spring 2001 samples and collection of Fall 2001 samples (\$52,900) contingent on (a) submittal and approval of a revised Detailed Project Description and budget that include a new objective related to Fall 2001 sampling and (b) submittal of overdue reports (99347, 00476). Defer decision on funding analysis of Fall 2001 samples (roughly \$27,500) pending review of preliminary results from analysis of Spring 2001 samples. The ability to determine the stock of origin for herring sampled during field investigations will allow increased understanding of the distribution and mixing of northwest Gulf of Alaska herring stocks and assist in the identification of important habitats and rearing areas for individual populations.

Exxon Valdez Oil Spill Trustee Council

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August 13, 2001

John F. Piatt, PhD
Alaska Science Center NBS
1011 E Tudor Rd
Anchorage, AK 99503

Alexander S. Kitaysky, PhD
University of Washington
Zoology Dept
PO Box 351800
Seattle, WA 98195-0005

RE: Project 02479 / Effects of Food Stress on Survival and Reproductive Performance of Seabirds

Dear Dr. Piatt and Dr. Kitaysky:

The Exxon Valdez Oil Spill Trustee Council acted on the Fiscal Year 2002 Work Plan at its meeting August 6, 2001. I am pleased to inform you that the Council approved funding in the amount of \$55,000 for Project 02479/Effects of Food Stress on Survival and Reproductive Performance of Seabirds contingent on submitting to the Chief Scientist several overdue reports and manuscripts. Funding includes \$51,400 in direct project funds and \$3,600 in agency administrative costs. A copy of the Council's action on your project is enclosed. Please note that FY 02 is expected to be the final year of Council support for Project 02479.

In addition to satisfying the condition specified above, before a project may begin the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. For most projects this will occur before October 1, 2001. If so, you may receive authorization from the Executive Director to begin the FY 02 project on that date. Any delay in satisfying the condition or documenting NEPA compliance will delay start of the project. If you have any questions, please contact the Trustee Council liaison for your lead agency.

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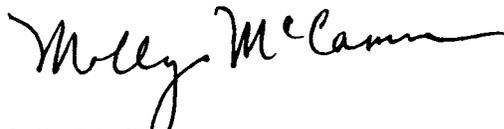
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Thank you for your participation in the *Exxon Valdez* oil spill restoration program. We appreciate your continued interest, and look forward to working with you this coming year.

Sincerely,

A handwritten signature in black ink that reads "Molly McCammon". The signature is fluid and cursive, with a long horizontal flourish extending to the right.

Molly McCammon
Executive Director

Enclosure

cc: Dede Bohn, DOI-USGS Liaison

mm/pdb

TRUSTEE COUNCIL ACTION (8/6/01) / FY 02 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	TC Approve 8/6/01	Defer to December	FY03 Recom.	Sum FY 02-03
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	\$55.0	\$0.0	\$0.0	\$55.0

Project Abstract

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.

Chief Scientist's Recommendation

This proposal is for funding to synthesize and publish the results of three prior years of work on stress hormones in seabirds. The results of this work are relevant to interpreting the recovery status of murre and other seabirds and also, potentially, for design of a GEM monitoring protocol. However, two of the eight manuscripts proposed--those on the long-term effects of early nutritional stress on cognition and sexual maturation of young seabirds--are of lower priority and should be deleted. Fund revised proposal, which deletes these two manuscripts, contingent on submission of overdue reports and manuscripts.

Trustee Council Action

Fund revised closeout proposal, which reduces the number of manuscripts as directed by the Chief Scientist, contingent on submittal of overdue reports (00163/APEX chapter and 00501/seabird monitoring protocols) and manuscripts (seasonal elevation of corticosterone and seasonal dynamics of corticosterone, both funded under Project 00479). This project is exploring the use of corticosterone, a biochemical indicator of stress, as a tool to monitor seabird populations. This work is also relevant to interpreting the recovery status of seabirds and possibly to design of a monitoring protocol for GEM.

Exxon Valdez Oil Spill Trustee Council

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August 10, 2001

Bruce F. Finney, PhD
UAF/SFOS
PO Box 757220
Fairbanks, AK 99775-7220

Dan H. Mann, PhD
UAF Institute of Arctic Biology
PO Box 757000
Fairbanks, AK 99775-7000

RE: Project 02649 / Reconstructing Sockeye Populations in the Gulf of Alaska
over the Last Several Thousand Years

Dear Dr. Finney and Dr. Mann:

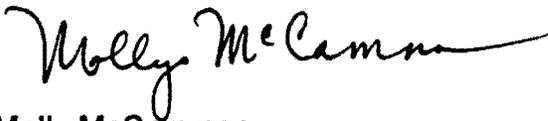
The *Exxon Valdez* Oil Spill Trustee Council acted on the Fiscal Year 2002 Work Plan at its meeting August 6, 2001. I am pleased to inform you that the Council approved funding in the amount of \$88,100 for Project 02649/Reconstructing Sockeye Populations in the Gulf of Alaska over the Last Several Thousand Years contingent on submittal and approval of a slightly revised Detailed Project Description and budget that reflect the new objective related to Delight and Desire lakes. Funding includes \$65,800 in direct project funds, \$16,500 in University indirect, and \$5,800 in agency administrative costs. A copy of the Council's action on your project is enclosed.

In addition to satisfying the condition specified above, before a project may begin the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. The lead agency must also execute a contract or Reimbursable Services Agreement with you. For most projects this will occur before October 1, 2001. If so, you may receive authorization from the Executive Director to begin the FY 02 project on that date. Any delay in satisfying the condition, documenting NEPA compliance, or executing a contract will delay start of the project. If you have any questions, please contact the Trustee Council liaison for your lead agency.

Projects approved for FY 02 are approved in the expectation that they will be funded to their completion. However, the Trustee Council will annually evaluate a project's future funding needs based on its progress or results to date, overall restoration needs, and restoration funding constraints. The future year's funding projection for your project is \$28,200 (including agency administrative costs) for FY 03; this will be reviewed again next year.

Thank you for your participation in the *Exxon Valdez* oil spill restoration program. We appreciate your continued interest, and look forward to working with you this coming year.

Sincerely,

A handwritten signature in black ink that reads "Molly McCammon". The signature is fluid and cursive, with a long horizontal flourish extending to the right.

Molly McCammon
Executive Director

Enclosure

cc: Bill Hauser, ADF&G Liaison

mrm/pdb

TRUSTEE COUNCIL ACTION (8/6/01) / FY 02 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	TC Approve 8/6/01	Defer to December	FY03 Recom.	Sum FY 02-03
02649	Reconstructing Sockeye Populations in the Gulf of Alaska over the Last Several Thousand Years	B. Finney/UAF	ADFG	New 1st yr. 2 yr. project	\$88.1	\$0.0	\$28.2	\$116.3

Project Abstract

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 ¹⁵N 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. Work at Delight and Desire lakes on the outer Kenai Peninsula coast will also be conducted, as recommended by the Trustee Council's Public Advisory Group.

Chief Scientist's Recommendation

This proposal will use stable nitrogen isotope ratios to reconstruct the historical variation in contributions of marine nitrogen to several lake systems in the spill area: Eshamy Lake in Prince William Sound, Upper Russian Lake on the Kenai Peninsula, Karluk Lake on Kodiak Island, and Delight and Desire lakes on the outer Kenai Peninsula coast. Past work by these investigators has demonstrated that fluctuations in sockeye salmon runs to lakes are approximated by the variability in the nitrogen isotope ratios in sediments deposited at the time of salmon returns. The work of Francis and Hare has clearly shown that salmon populations fluctuate in concordance with the Pacific Decadal Oscillation. This relationship then presents the retrospective tool needed to provide a historical context for understanding how the marine ecosystem is likely to change naturally in the future under various climatic conditions. This work will supplement independent ongoing work of a similar nature in other local lake systems and thereby provide a reliable regional picture of fluctuations. Fund.

Trustee Council Action

Fund, including work recommended by the Public Advisory Group at Delight and Desire lakes on the outer Kenai Peninsula coast, contingent on submittal and approval of a revised Detailed Project Description and budget that reflect this new objective. This project will conduct a retrospective study of sockeye abundance in certain lakes in the spill region and develop hypotheses about how changes in the atmosphere/ocean system affect salmon populations. It is responsive to the *FY 02 Invitation*, which invited proposals to analyze and synthesize existing data sets and historical records.

Exxon Valdez Oil Spill Trustee Council

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



August 10, 2001

Kenneth Adams
PO Box 1855
Cordova, AK 99574-1855

Bud Perrine
PO Box 1141
Cordova, AK 99574

Ross Mullins
PO Box 436
Cordova, AK 99574-0436

RE: Project 02636-BAA / Ecosystem Recovery Through a Partnership with the
Spill-Impacted Communities

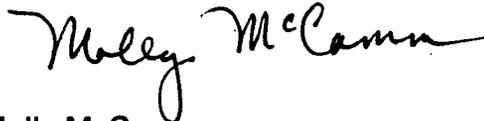
Dear Mr. ~~Adams~~^{Ken}, Mr. ~~Perrine~~^{Bud}, and Mr. ~~Mullins~~^{Ross}:

On August 6, 2001 the *Exxon Valdez* Oil Spill Trustee Council acted upon the Fiscal Year 2002 Work Plan. At that meeting, the Council voted to defer action on Project 02636/Ecosystem Recovery Through a Partnership with the Spill-Impacted Communities. The Council is tentatively scheduled to reconsider the project in December following clarification of the project's objectives and cost. A copy of the Trustee Council's action on your project is enclosed.

At the August 6 meeting, the Trustee Council authorized projects totaling \$3.1 million. In December, 18 deferred projects totaling approximately \$2.1 million will be considered. The cap for the FY 02 Work Plan is \$5 million, so it will not be possible to fund all deferred projects.

Please give me a call when you have time to meet. I appreciate your interest in the *Exxon Valdez* oil spill restoration program.

Sincerely,

A handwritten signature in black ink that reads "Molly McCammon". The signature is written in a cursive, flowing style.

Molly McCammon
Executive Director

Enclosure

cc: Stacy Masters, NOAA
Sharon Kent, NOAA Contracting

mm/pdb

TRUSTEE COUNCIL ACTION (8/6/01) / FY 02 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	TC Approve 8/6/01	Defer to December	FY03 Recom.	Sum FY 02-03
02636-BAA	Ecosystem Recovery Through a Partnership with the Spill-Impacted Communities	K. Adams, B. Perrine, R. Mullins/Cordova	NOAA	New 1st yr. 2 yr. project	\$0.0	\$50.0		\$50.0

Project Abstract

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 will 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.

Chief Scientist's Recommendation

As I understand this proposal, it would provide the fishing community's perspective on the scientific accomplishments of the restoration program, and explore how to incorporate new scientific results into management practices. A "fishing industry" view of EVOS research and results, and their application, would be an interesting and valuable contribution. This project could also build a partnership with professional fishers, which will be important in the development of GEM. The proposal would benefit from more focus and coordination with other synthesis efforts. Defer pending receipt and evaluation of revised, more focused proposal at a reduced cost.

Trustee Council Action

Defer decision on funding this project to December, pending clarification of the project's objectives and cost. The EVOS program could benefit from the commercial fishing community's perspective on restoration results and interaction with fishers on how to incorporate the results into fisheries management practices. In addition, the project could form a foundation for working with Prince William Sound fishers as GEM develops. The Public Advisory Group has suggested that one aspect of a revised proposal might be preliminary work on a vessels-of-opportunity program for Prince William Sound (for example, identification of fishing and other vessels that make frequent trips in the sound).

Exxon Valdez Oil Spill Trustee Council

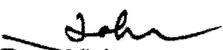
645 G Street, Suite 401, Anchorage, AK 99501-3451 907/278-8012 fax:907/276-7178



August 10, 2001

John Whitney, PhD
NOAA, HAZMAT
570 L St, Ste 100
Anchorage, AK 99501

RE: Project 02622 / Digital Maps from Existing Seasonal Environmental
Sensitive Area Maps: Cook Inlet & Kenai Peninsula


Dear Dr. Whitney:

On August 6, 2001 the Exxon Valdez Oil Spill Trustee Council acted upon the Fiscal Year 2002 Work Plan. At that meeting, the Council voted to defer action on Project 02622/Digital Maps from Existing Seasonal Environmental Sensitive Area Maps: Cook Inlet & Kenai Peninsula. The Council is tentatively scheduled to reconsider the project in December following a reevaluation of funding priorities in the fall.

At the August 6 meeting, the Trustee Council authorized projects totaling \$3.1 million. In December, 18 deferred projects totaling approximately \$2.1 million will be considered. The cap for the FY 02 Work Plan is \$5 million, so it will not be possible to fund all deferred projects.

I have received your July 19 letter responding to earlier concerns raised by the reviewers, and will consider that additional information as I formulate my final recommendation on your project. One piece of information still outstanding is the amount of unexpended funds, if any, from Project 99368/Prince William Sound ESI maps, due to a reduction in the number of poster maps printed (600) compared to the number budgeted for printing (1,500). Any unexpended funds should be lapsed back to the Trustee Council.

Federal Trustees

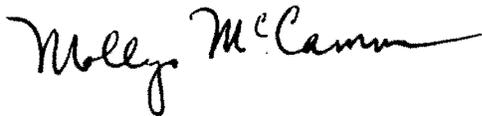
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Alaska Department of Law

Thank you for your participation in the *Exxon Valdez* oil spill restoration program. A copy of the Trustee Council's action on your project is enclosed. If you have questions, please contact the Trustee Council liaison for your agency.

Sincerely,

A handwritten signature in black ink that reads "Molly McCammon". The signature is written in a cursive style with a long horizontal flourish at the end.

Molly McCammon
Executive Director

Enclosure

cc: Stacy Masters, NOAA

mm/pdb

TRUS COUNCIL ACTION (8/6/01) / FY 02 WORK IN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	TC Approve 8/6/01	Defer to December	FY03 Recom.	Sum FY 02-03
02622	Digital Maps from Existing Seasonal Environmental Sensitive Area Maps: Cook Inlet/ Kenai Peninsula	J. Whitney/NOAA	NOAA	New 1st yr. 1 yr. project	\$0.0	\$36.6	\$0.0	\$36.6
	<u>Project Abstract</u>	<u>Chief Scientist's Recommendation</u>				<u>Trustee Council Action</u>		
	A series of national standardized digital map products will be produced from the existing seasonal Environmental Sensitivity Index (ESI) maps for Cook Inlet/ Kenai Peninsula made by the National Oceanic and Atmospheric Administration (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 CDs. These will be the same products that were recently provided for Prince William Sound under Project 99368.	This project would 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 CDs. A similar product was provided by the contractor for Prince William Sound under Project 99368/Prince William Sound Environmental Sensitivity Index (ESI) Maps. The utility of having the maps on CDs would expand their accessibility, but there are no immediate use or user groups identified. Further there is no cost sharing provided by the agency. Fund lower priority.				Defer decision on funding this project to December, pending availability of funding. If funded, funding would be contingent on (a) consideration of creating the maps on the World Wide Web rather than on CD and (b) addition of other reviewers, e.g., U.S. Forest Service and the Oil Spill Recovery Institute. This project would convert the existing Cook Inlet Environmental Sensitivity Index (ESI) seasonal summary maps to the 1998 national standardized format (Full GIS, Desktop Mapping, Free ESI Viewer, and PDF ESI Navigator) in an effort to make the maps more accessible.		

Exxon Valdez Oil Spill Trustee Council

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



August 10, 2001

Mark Kuwada
ADF&G/Habitat & Restoration
333 Raspberry Rd
Anchorage, AK 99518-1565

RE: Project 02621 / Kenai River Flats Conservation Easement and Public Education


Dear Mr. Kuwada:

On August 6, 2001 the *Exxon Valdez* Oil Spill Trustee Council acted upon the Fiscal Year 2002 Work Plan. At that meeting, the Council voted to defer action on Project 02621/Kenai River Flats Conservation Easement and Public Education. The Council is tentatively scheduled to reconsider the project in December following receipt and review of additional information on the project's restoration benefit and community and agency support. In anticipation of your project being considered at that time, please submit the requested information to the Restoration Office, ATTN: Sandra Schubert, no later than November 1, 2001.

At the August 6 meeting, the Trustee Council authorized projects totaling \$3.1 million. In December, 18 deferred projects totaling approximately \$2.1 million will be considered. The cap for the FY 02 Work Plan is \$5 million, so it will not be possible to fund all deferred projects.

Thank you for your participation in the *Exxon Valdez* oil spill restoration program. A copy of the Trustee Council's action on your project is enclosed. If you have questions, please contact the Trustee Council liaison for your agency.

Sincerely,



Molly McCammon
Executive Director

Enclosure

cc: Bill Hauser, ADF&G Liaison

mm/pdb

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TRUSTEE COUNCIL ACTION (8/6/01) / FY 02 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	TC Approve 8/6/01	Defer to December	FY03 Recom.	Sum FY 02-03
02621	Kenai River Flats Conservation Easement and Public Education	M. Kuwada/ADFG	ADFG	New 1st yr. 1 yr. project	\$0.0	\$141.0	\$0.0	\$141.0
	<u>Project Abstract</u>	<u>Chief Scientist's Recommendation</u>				<u>Trustee Council Action</u>		
	<p>This project will help 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 Wetlands 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 provide recreational birdwatching and educational opportunities. The boardwalk and viewing platform are essential for obtaining the City of Kenai's support for the conservation easement.</p>	<p>The Trustee Council has made a tremendous investment in the Kenai River through habitat protection and restoration as well as through fisheries research and management. Yet there are still significant needs and opportunities to help maintain and restore fisheries resources and recreation services on this world class salmon stream. This project would probably contribute to long-term protection of Kenai River resources, but the proposal itself presents a less-than-compelling case for how the proposed boardwalk and viewing platform would do that. Moreover, as presented, the linkages to resources and services injured by the oil spill is weak or absent. Do not fund as proposed.</p>			<p>Defer decision on funding this project to December, pending receipt of further information. This project may be of important restoration benefit, but the proposal does not clearly describe how the proposed boardwalk and viewing platform would contribute to the Trustee Council's restoration objectives. In addition, indications of community and agency support, including from the Alaska Department of Natural Resources and the U.S. Fish and Wildlife Service, are not provided. If funded, funding would be contingent on satisfactory NEPA (National Environmental Policy Act) review. This project would complement an effort currently underway with other funds (National Wetlands Conservation Act) to acquire a conservation easement on 600 acres on the Kenai River Flats. Protection of the Kenai River has been a high priority of the Council. The sort of improvement proposed in this project is similar to the improvements constructed under Project /180 (Kenai Habitat Restoration and Recreation Enhancement).</p>			

Exxon Valdez Oil Spill Trustee Council

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



August 10, 2001

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

RE: Project 02543 / Evaluation of Oil Remaining in the Intertidal from EVOS

Dear Mr. ~~Short~~ ^{Jeff}

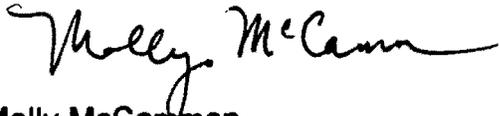
The Exxon Valdez Oil Spill Trustee Council acted on the Fiscal Year 2002 Work Plan at its meeting August 6, 2001. I am pleased to inform you that the Council approved funding in the amount of \$113,100 for Project 02543/Evaluation of Oil Remaining in the Intertidal from EVOS contingent on submittal of your prior-funded report (00195) and manuscript (00598). Funding includes \$101,200 in direct project funds and \$11,900 in agency administrative costs. A copy of the Council's action on your project is enclosed.

In addition to satisfying the conditions specified above, before a project may begin the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. For most projects this will occur before October 1, 2001. If so, you may receive authorization from the Executive Director to begin the FY 02 project on that date. Any delay in satisfying the conditions or documenting NEPA compliance will delay start of the project. If you have any questions, please contact the Trustee Council liaison for your agency.

A decision on possible additional funding for Project 02543 has been deferred to December, pending review of the preliminary results of this summer's survey. Please submit your results to the Chief Scientist by **November 1, 2001**, if possible, in order to allow adequate time for review prior to the Council's December meeting.

Thank you for your participation in the *Exxon Valdez* oil spill restoration program. We appreciate your continued interest, and look forward to working with you this coming year.

Sincerely,

A handwritten signature in black ink that reads "Molly McCammon". The signature is fluid and cursive, with the first name "Molly" and last name "McCammon" clearly legible.

Molly McCammon
Executive Director

Enclosure

cc: Stacy Masters, NOAA

mm/pdb

TRUSTEE COUNCIL ACTION (8/6/01) / FY 02 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	TC Approve 8/6/01	Defer to December	FY03 Recom.	Sum FY 02-03
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	\$113.1	\$250.0		\$363.1

Project Abstract

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.

Chief Scientist's Recommendation

The public and the Trustee Council want to know as accurately as can be estimated the amount of oil that remains in Prince William Sound. This continuing project will provide the answer in as rigorous a manner as possible. It is also appropriate to set aside funds for possible follow-up work on residual oil in FY 02, depending on a review of the preliminary results, which are expected November 2001. Fund original request; defer decision on follow-up funding.

Trustee Council Action

Fund original request (\$113,100 for data and chemical analysis, final report preparation, and journal publications) contingent on submittal of overdue report (00195) and manuscript (00598). Defer decision on possible additional funding (the \$250,000 shown above is a placeholder) until December, pending review of the preliminary results of the survey of remaining oil underway in Summer 2001 (preliminary results are expected early November 2001). The survey is assessing the surface area and volume of shoreline in Prince William Sound still contaminated with Exxon Valdez oil. The results may warrant further investigation of remaining oil or the possible effects of remaining oil on injured species, and funds are being set aside for this purpose. Additional surveys outside of Prince William Sound are not anticipated--the Council funded a final comprehensive assessment of oil around Kodiak in FY 95 and along the Kenai and Alaska peninsulas in FY 99.

Exxon Valdez Oil Spill Trustee Council

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



August 10, 2001

Jia Wang, PhD
IARC/IMS UAF
PO Box 757335
Fairbanks, AK 99775

RE: Project 02603 / Implementation of an Ocean Circulation Model: A Transition from
SEA to GEM

Jia
Dear Dr. Wang:

On August 6, 2001 the *Exxon Valdez* Oil Spill Trustee Council acted upon the Fiscal Year 2002 Work Plan. At that meeting, the Council voted to defer action on Project 02603/Implementation of an Ocean Circulation Model: A Transition from SEA to GEM. The Council is scheduled to reconsider the project in December following a GEM modeling workshop, tentatively scheduled for October 2001.

At the August 6 meeting, the Trustee Council authorized projects totaling \$3.1 million. In December, 18 deferred projects totaling approximately \$2.1 million will be considered. The cap for the FY 02 Work Plan is \$5 million, so it will not be possible to fund all deferred projects.

I would also like to take this opportunity to remind you that we are expecting a significant amount of funds to be unspent at the completion of your current Project 01389. The cancellation of the Alaska Digital Graphics component of the project should result in a lapse back to the Trustee Council at the end of FY 01 of \$43,800.

Thank you for your participation in the *Exxon Valdez* oil spill restoration program. A copy of the Trustee Council's action on your project is enclosed. If you have questions, please contact the Trustee Council liaison for your lead agency.

Sincerely,

Molly McCammon
Executive Director

Enclosure

cc: Bill Hauser, ADF&G Liaison

mm/pdb

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TRUSTEE COUNCIL ACTION (8/6/01) / FY 02 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	TC Approve 8/6/01	Defer to December	FY03 Recom.	Sum FY 02-03
02603	Implementation of an Ocean Circulation Model: A Transition from SEA to GEM	J. Wang/UAF	ADFG	New 1st yr. 1 yr. project	\$0.0	\$66.4	\$0.0	\$66.4

Project Abstract

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.

Chief Scientist's Recommendation

This proposal is premature in that it is trying to establish a GEM circulation model. If GEM is to have an overall physical model of the system, this needs to be established with wider representation from the oceanographic and climatological communities. The model proposed here may or may not be the optimal modeling approach for the long run. A careful evaluation of possible modeling options should be undertaken prior to commencing with the funding of any physical/biological system model. Defer until ocean modeling workshop is held.

Trustee Council Action

Defer decision on funding this project to December, pending a GEM modeling workshop, tentatively scheduled for October 2001. If funded, funding would be contingent on a revised budget for a slightly reduced amount. The project would expand the Prince William Sound circulation model--developed under SEA (Sound Ecosystem Assessment, Project /320) and continued under Project 01389/3-D Ocean State Simulations--to the Gulf of Alaska. Before a decision is made on this project, a thorough evaluation of possible modeling options should be undertaken through a process involving wide representation from the oceanographic and climatological communities. The October workshop will be designed to do this.

Exxon Valdez Oil Spill Trustee Council

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



August 10, 2001

Ronald A. Heintz
NMFS Auke Bay Lab
11305 Glacier Hwy
Juneau, AK 99801-8626

RE: Project 02476 / Effects of Oiled Incubation Substrate on Pink Salmon
Reproduction

Dear Mr.  Heintz:

The *Exxon Valdez* Oil Spill Trustee Council acted on the Fiscal Year 2002 Work Plan at its meeting August 6, 2001. I am pleased to inform you that the Council approved funding in the amount of \$39,800 for Project 02476/Effects of Oiled Incubation Substrate on Pink Salmon Reproduction contingent on submitting to the Chief Scientist the reports on projects 99347 and 00476. Funding includes \$36,600 in direct project funds and \$3,200 in agency administrative costs. A copy of the Council's action on your project is enclosed.

In addition to satisfying the condition specified above, before a project may begin the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. For most projects this will occur before October 1, 2001. If so, you may receive authorization from the Executive Director to begin the FY 02 project on that date. Any delay in satisfying the condition or documenting NEPA compliance will delay start of the project. If you have any questions, please contact the Trustee Council liaison for your lead agency.

Projects approved for FY 02 are approved in the expectation that they will be funded to their completion. However, the Trustee Council will annually evaluate a project's future funding needs based on its progress or results to date, overall restoration needs, and restoration funding constraints. The future year's funding projection for your project is \$36,000 (including agency administrative costs) for FY 03; this will be reviewed again next year.

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Thank you for your participation in the *Exxon Valdez* oil spill restoration program. We appreciate your continued interest, and look forward to working with you this coming year.

Sincerely,

A handwritten signature in black ink that reads "Molly McCammon". The signature is fluid and cursive, with a long horizontal flourish extending to the right.

Molly McCammon
Executive Director

Enclosure

cc: Stacy Masters, NOAA

mm/pdb

TRUSTEE COUNCIL ACTION (8/6/01) / FY 02 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	TC Approve 8/6/01	Defer to December	FY03 Recom.	Sum FY 02-03
02476	Effects of Oiled Incubation Substrate on Pink Salmon Reproduction	R. Heintz/NOAA	NOAA	Cont'd 4th yr. 5 yr. project	\$39.8	\$0.0	\$36.0	\$75.8

Project Abstract

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.

Chief Scientist's Recommendation

This continuing project will test whether all of the data pointing to multi-generational effects of PAH exposure from the spill on pink salmon can be experimentally corroborated. The investigators are well qualified and experienced, and if sufficient oil-exposed fish return to Little Port Walter the project should be successful in providing valuable information for assessment of injury. Fund.

Trustee Council Action

Fund contingent on submittal of overdue reports (99347, 00476). This project is validating the effects of oil contamination on pink salmon, thus contributing to our understanding of the injury and recovery status of this injured species. Project closeout is scheduled for FY 03.

Exxon Valdez Oil Spill Trustee Council

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



August 10, 2001

Charles Falkenberg, PhD
ECologic Corp
4409 Forbes Blvd.
Lanham, MD 20706-4328

Stephen Marley, PhD
ECologic System Corporation
4409 Forbes Blvd
Lanham, MD 20706

RE: Project 02475-BAA / GEM Data System Specification
Project 02655-BAA / Transition Support for the GEM Data Manager

Dear Dr. Falkenberg and Dr. Marley:

The *Exxon Valdez* Oil Spill Trustee Council received \$10.3 million in proposals for a Fiscal Year 2002 Work Plan of \$5 million. It was not possible to fund all proposals that were submitted.

In June I notified you of my recommendation that the Trustee Council not fund projects 02475/GEM Data System Specification and 02655/Transition Support for the GEM Data Manager. The Council acted on the FY 2002 Work Plan on August 6, 2001. This letter is to inform you that the Council accepted my recommendation and did not fund your projects for FY 02. A copy of the Council's action on your projects is enclosed.

I appreciate your interest in the restoration program and hope you will consider submitting proposals in future years.

Sincerely,

A handwritten signature in cursive script that reads "Molly McCammon".

Molly McCammon
Executive Director

Enclosure

cc: Stacy Masters, NOAA
Sharon Kent, NOAA Contracting

mmv/pdb

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TRUSTEE COUNCIL ACTION (8/6/01) / FY 02 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	TC Approve 8/6/01	Defer to December	FY03 Recom.	Sum FY 02-03
02475-BAA	GEM Data System Specification	S. Marley/ECologic Corp.	NOAA	New 1st yr. 1 yr. project	\$0.0	\$0.0	\$0.0	\$0.0

Project Abstract

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 under Project 00455, and through a detailed requirements definition approach, will develop the detailed description necessary to release a formal Request for Proposals (RFP) for the permanent system.

Chief Scientist's Recommendation

The proposal emphasizes the archival function of the GEM data system and the importance of understanding the needs of users. The cost of the principal investigator is extremely high, and the proposal appears to make inadequate use of support personnel. In addition, the proposal appears to be premature until the scope of GEM is more fully defined. Do not fund.

Trustee Council Action

Do not fund. This project is premature until a GEM data manager is hired (see Project 02455) and the scope of GEM is more fully defined. At that time, a proposal such as this may be solicited.

TRUSTEE COUNCIL ACTION (8/6/01) / FY 02 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	TC Approve 8/6/01	Defer to December	FY03 Recom.	Sum FY 02-03
02655-BAA	Transition Support for the GEM Data Manager	C. Falkenberg/ECologic Corp.	NOAA	New 1st yr. 1 yr. project	\$0.0	\$0.0	\$0.0	\$0.0

Project Abstract

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/Evaluation of a Data System for GEM, we anticipate that the data manager will set the final priorities and select one or more of the tasks proposed.

Chief Scientist's Recommendation

This project would provide support to the GEM data manager in the design of the GEM data system. This type of support is likely necessary. However, the degree and extent to which such support is needed depends on the experience and credentials of the person eventually hired to be the data manager. Placing funds in the GEM planning project (Project 02630) to provide support after the data manager is hired is the preferred approach. Do not fund.

Trustee Council Action

Do not fund. This project is premature until a GEM data manager is hired (see Project 02455). At that time, once the experience and credentials of the data manager are known, the degree to which such support may be needed will also be known. The likely approach at that time will be to include contractual funds in Project 02630/GEM Planning. The cost of this proposal as written is quite high, particularly the personnel costs.

Exxon Valdez Oil Spill Trustee Council

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



August 10, 2001

Richard E. Thorne, PhD
PWS Science Center
PO Box 705
Cordova, AK 99574

RE: Project 02452-BAA / Assessing Prey and Competitor-Predators of Pink Salmon Fry
Project 02457-BAA / Monitoring the Fall-Winter Herring Biomass to Track the Recovery of the Prince William Sound Herring Stock
Project 02629-BAA / Development of a Paradigm for Ecosystem Monitoring

~~Dear Dr. Thorne:~~
Dick

The Exxon Valdez Oil Spill Trustee Council received \$10.3 million in proposals for a Fiscal Year 2002 Work Plan of \$5 million. It was not possible to fund all proposals that were submitted.

In June I notified you of my recommendation that the Trustee Council not fund projects 02452/Assessing Prey and Competitor-Predators of Pink Salmon Fry, 02457/Monitoring the Fall-Winter Herring Biomass to Track the Recovery of the Prince William Sound Herring Stock, and 02629/Development of a Paradigm for Ecosystem Monitoring 02628/Resurrection Bay Contaminant Survey. The Council acted on the FY 2002 Work Plan on August 6, 2001. This letter is to inform you that the Council accepted my recommendation and did not fund your projects for FY 02. A copy of the Council's action on your projects is enclosed.

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Alaska Department of Law

I appreciate your interest in the restoration program and hope you will consider submitting proposals in future years.

Sincerely,

A handwritten signature in black ink that reads "Molly McCammon". The signature is fluid and cursive, with the first name "Molly" and last name "McCammon" clearly legible.

Molly McCammon
Executive Director

Enclosures

cc: Stacy Masters, NOAA
Sharon Kent, NOAA Contracting

mm/pdb

TRU: **≡ COUNCIL ACTION (8/6/01) / FY 02 WORK AN**

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	TC Approve 8/6/01	Defer to December	FY03 Recom.	Sum FY 02-03
02452-BAA	Assessing Prey and Competitor/Predators of Pink Salmon Fry	R. Thorne/PWSSC	NOAA	Cont'd 2nd yr. 1 yr. project	\$0.0	\$0.0	\$0.0	\$0.0
	<u>Project Abstract</u>	<u>Chief Scientist's Recommendation</u>				<u>Trustee Council Action</u>		
	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, OSRI, or a combined institutional monitoring program.	This project involves the development and testing of acoustic sampling on a large scale to gather data on the abundance and distribution of key predators and prey of pink salmon fry. The information would be used in conjunction with related data from Project 02195/Pristane Monitoring to estimate fry survival, thus providing a basis for forecasts of adult pink salmon returns. However, because Project 02195 is not recommended for continuation in FY 02, the data that would be collected by this project is of lower priority for FY 02. Do not fund.	Do not fund. This project was funded for one year in FY 01 in conjunction with Project 01195/Pristane Monitoring. Because Project 01195 is recommended for closeout in FY 02, the data that would be collected by this project is of lower priority. The project should be closed out as planned in FY 01. If this project should be funded in the future, the funding would be contingent on submittal of a report that includes the reduced data (i.e., fish biomass) from the FY 01 effort (Project 01452). The project, which is performing spring hydroacoustic surveys in Prince William Sound, is designed to provide data on annual and seasonal variation of predators and food availability for juvenile pink salmon.					

TRUSTEE COUNCIL ACTION (8/6/01) / FY 02 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	TC Approve 8/6/01	Defer to December	FY03 Recom.	Sum FY 02-03
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	\$0.0	\$0.0	\$0.0	\$0.0
	<u>Project Abstract</u>	<u>Chief Scientist's Recommendation</u>				<u>Trustee Council Action</u>		
	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.	This project would track the fall biomass of Pacific herring in Prince William Sound, which is feasible. The project objective is to document overwintering mortality in adults, which may be significant. However, to manage the fishery the most important information is adult biomass just prior to spawning in the late winter to early spring. In addition, herring research priorities have been established in a series of workshops over the last several years. The objectives of this project were not a priority in the workshop recommendations. Do not fund.				Do not fund. A workshop sponsored by the Trustee Council in November 2000 resulted in several recommendations for future herring research, and this proposal was not among them. In addition, this proposal is for a fall survey (October/November) in order to document overwintering mortality in adult herring, and the reviewers have indicated that the most important information from a management standpoint is adult biomass just prior to spawning in the late winter/early spring. The November 2000 workshop recommendations included ASA hindcasting to estimate the herring spawning biomass in Prince William Sound in recent years, use of otoliths and lipids to identify subpopulations of herring within the sound, and aerial surveys. A proposal (Project 02538) was received for otolith/lipids work, and has been approved for funding.		

TRU: E COUNCIL ACTION (8/6/01) / FY 02 WORK AN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	TC Approve 8/6/01	Defer to December	FY03 Recom.	Sum FY 02-03
02629-BAA	Development of a Paradigm for Ecosystem Monitoring	R. Thorne/PWSSC	NOAA	New 1st yr. 1 yr. project	\$0.0	\$0.0	\$0.0	\$0.0
	<u>Project Abstract</u>	<u>Chief Scientist's Recommendation</u>				<u>Trustee Council Action</u>		
	This project will evaluate the GEM draft plan and will 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 (Global Ocean Ecosystem Dynamics) planners in the early 1990's, such as the limitations of measurement, correlation-based analyses, uncoupled prediction-observation, 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.	Further dialogue and cooperation between Oil Spill Recovery Institute (OSRI) and GEM personnel is to be encouraged, but under a mechanism different than that proposed here. Opportunities for participation in development of GEM during FY 02 may be provided through workshops in which participants could be funded, if necessary, to participate. Do not fund.				Do not fund. This project would provide funding for Prince William Sound Science Center (PWSSC) personnel to formally evaluate the GEM plan, with joint funding from the Trustee Council and the Oil Spill Recovery Institute (OSRI). PWSSC's experiences and insights are welcome contributions to the Council's GEM process, and several opportunities for contributing such input have been provided over the last two years. Further dialogue and cooperation is expected to continue in FY 02. Formal evaluation of GEM is underway by the National Research Council (Project 02360).		

Exxon Valdez Oil Spill Trustee Council

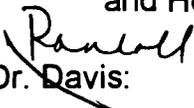
645 G Street, Suite 401, Anchorage, AK 99501-3451 907/278-8012 fax:907/276-7178



August 10, 2001

Randall Davis, PhD
TX A&M Univ at Galveston,
Marine Biology
5007 Avenue U
Galveston, TX 77553

RE: Project 02441 / Harbor Seal Recovery: Effects of Diet on Lipid Metabolism
and Health


Dear Dr. Davis:

The *Exxon Valdez* Oil Spill Trustee Council acted on the Fiscal Year 2002 Work Plan at its meeting on August 6, 2001. I am pleased to inform you that the Council approved funding in the amount of \$20,200 for Project 02441/Harbor Seal Recovery: Effects of Diet on Lipid Metabolism and Health. This includes \$15,100 in direct project funds, \$3,800 in University indirect, and \$1,300 in agency administrative costs. A copy of the Council's action on your project is enclosed. Please note that FY 02 is expected to be the final year of Council support for Project 02441.

Before a project may begin, the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. The lead agency must also execute a contract or Reimbursable Services Agreement with you. We hope that for most projects this will occur before October 1, 2001. If so, you may receive authorization from the Executive Director to begin the FY 02 project on that date. Any delay in documenting compliance or executing a contract will delay start of the project. If you have any questions, please contact the Trustee Council liaison for your agency.

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Thank you for your participation in the *Exxon Valdez* oil spill restoration program. We appreciate your continued interest, and look forward to working with you this coming year.

Sincerely,

A handwritten signature in black ink that reads "Molly McCammon". The signature is fluid and cursive, with a long horizontal flourish extending to the right.

Molly McCammon
Executive Director

Enclosure

cc: Bill Hauser, ADF&G Liaison

mm/pdb

TRUSTEE COUNCIL ACTION (8/6/01) / FY 02 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	TC Approve 8/6/01	Defer to December	FY03 Recom.	Sum FY 02-03
02441	Harbor Seal Recovery: Effects of Diet on Lipid Metabolism and Health	R. Davis/Texas A&M	ADFG	Cont'd 4th yr. 4 yr. project	\$20.2	\$0.0	\$0.0	\$20.2

Project Abstract

This project will complete the analysis of samples that were taken by this project in earlier years. In addition, a final report and five manuscripts will be prepared. 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.

Chief Scientist's Recommendation

The Trustee Council's primary interest in funding this project has been to understand the dynamics of fatty acid profiles in harbor seals with different diets and changes in those diets. This project was to close out in FY 01 but the investigator has proposed additional analyses. In reviewing the Detailed Project Description, it appears that analysis of additional samples for fatty acid profiles will help obtain project objectives. Fund revised proposal, which focuses on fatty acids.

Trustee Council Action

Fund closeout of this project (completion of fatty acid data analysis and final report and manuscript preparation). This study, which is investigating the effect of diet on lipid metabolism and health in harbor seals, received closeout funds in FY 01. A small amount of additional funds is needed in FY 02 to complete data analysis and prepare the final report. Five manuscripts will also be prepared.

Exxon Valdez Oil Spill Trustee Council

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



August 8, 2001

Andy McLaughlin
Chenega Bay IRA Council
PO Box 8079
Chenega Bay, AK 99574

RE: Project 02416 / O'Brian Creek Enhancement

Dear Mr. McLaughlin:

The Exxon Valdez Oil Spill Trustee Council received \$10.3 million in proposals for a Fiscal Year 2002 Work Plan of \$5 million. It was not possible to fund all proposals that were submitted.

In June I notified you of my recommendation that the Trustee Council not fund Project 02416/O'Brian Creek Enhancement. The Council acted on the FY 2002 Work Plan on August 6, 2001. This letter is to inform you that the Council accepted my recommendation and did not fund your project for FY 02. A copy of the Council's action on your project is enclosed.

I appreciate your interest in the restoration program and hope you will consider submitting proposals in future years.

Sincerely,

Molly McCammon
Executive Director

Enclosure

cc: Ken Holbrook, USFS Liaison

mm/pdb

TRUSTEE COUNCIL ACTION (8/6/01) / FY 02 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	TC Approve 8/6/01	Defer to December	FY03 Recom.	Sum FY 02-03
02416	O'Brian Creek Enhancement	Chenega Bay IRA Council	USFS	New 1st yr. 1 yr. project	\$0.0	\$0.0	\$0.0	\$0.0

Project Abstract

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 subsistence use fishery would be priceless for the community, as well as adding potential for promoting tourism and recreation.

Chief Scientist's Recommendation

This project proposes to restore anadromous fish production in O'Brian Creek. The Trustee Council has considered this project in the past. The proposal has worthy objectives but questions about feasibility of proposed methods cast doubt on whether lasting benefits could be obtained. Costs have been substantially underestimated and funds for essential items, such as spawning gravels, have not been provided for in the budget. Do not fund.

Trustee Council Action

Do not fund. This proposal, which would construct instream enhancements in O'Brian Creek (dams, fish ladders, brood pond) as well as observation decks and walkways, was considered by the Trustee Council in previous years (FY 99 and FY 00). The project is designed to reestablish a coho run in O'Brian Creek near the village of Chenega Bay as a replacement for other subsistence resources lost or reduced due to the oil spill. Given the availability of salmon from other sources, there appears to be little need for this increased production. In addition, the Chief Scientist has raised questions about the project's feasibility.

Exxon Valdez Oil Spill Trustee Council

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August 10, 2001

Dan Rosenberg
ADF&G, Div of Conservation
333 Raspberry Rd
Anchorage, AK 99518-1565

RE: Project 02407 / Harlequin Duck Population Dynamics

~~Dear Mr. Rosenberg:~~
Dan

The *Exxon Valdez* Oil Spill Trustee Council acted on the Fiscal Year 2002 Work Plan at its meeting August 6, 2001. I am pleased to inform you that the Council approved funding in the amount of \$68,700 for Project 02407/Harlequin Duck Population Dynamics contingent on (a) submittal and approval of a revised Detailed Project Description and budget that combine one more year of data collection (FY 02) as well as production of a final report and (b) submittal of prior-funded reports (00273 and 00407). Funding includes \$61,500 in direct project funds and \$7,200 in agency administrative costs. A copy of the Council's action on your project is enclosed. Please note that FY 02 is expected to be the final year of Council support for your project.

In addition to satisfying the conditions specified above, before a project may begin the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. For most projects this will occur before October 1, 2001. If so, you may receive authorization from the Executive Director to begin the FY 02 project on that date. Any delay in satisfying the conditions or documenting NEPA compliance will delay start of the project. If you have any questions, please contact the Trustee Council liaison for your agency.

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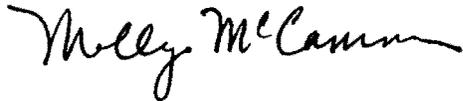
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Thank you for your participation in the *Exxon Valdez* oil spill restoration program. We appreciate your continued interest, and look forward to working with you this coming year.

Sincerely,

A handwritten signature in black ink that reads "Molly McCammon". The signature is fluid and cursive, with the first name "Molly" and last name "McCammon" clearly legible.

Molly McCammon
Executive Director

Enclosure

cc: Bill Hauser, ADF&G Liaison

mm/pdb

TRUSTEE COUNCIL ACTION (8/6/01) / FY 02 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	TC Approve 8/6/01	Defer to December	FY03 Recom.	Sum FY 02-03
02407	Harlequin Duck Population Dynamics	D. Rosenberg/ADFG	ADFG	Cont'd 3rd yr. 3 yr. project	\$68.7	\$0.0	\$0.0	\$68.7

Project Abstract

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; the final report will also be prepared in FY 02.

Chief Scientist's Recommendation

The data generated by this project are valuable and fit well with information gathered by Project /423 (Population Change in Selected Nearshore Vertebrate Predators). Together these projects should increase understanding of harlequin duck populations in Prince William Sound in relation to the oil spill. In FY 02, data gathering should be concluded and a final report, including an assessment and reevaluation of survey design for long-term monitoring, should be prepared. Fund contingent on satisfactory review of a revised proposal that revises the project's scope as described above.

Trustee Council Action

Fund contingent on (a) submittal and approval of a revised Detailed Project Description and budget that combine one more year of data collection in FY 02 as well as production of a final report, including assessment and reevaluation of a survey design for long-term monitoring and (b) submittal of 00273 and 00407 reports, due September 2001. This project is intended to assess the recovery of harlequin duck populations inhabiting oiled areas. The harlequin duck is one of the species that is still not showing signs of recovery from the oil spill.

Exxon Valdez Oil Spill Trustee Council

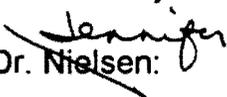
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August 10, 2001

Jennifer L. Nielsen, PhD
USGS Biological Resources Div
1011 E. Tudor Rd
Anchorage, AK 99503

RE: Project 02404 / Testing Archival Tag Technology in Coho Salmon

Dear Dr. Nielsen: 

The *Exxon Valdez* Oil Spill Trustee Council acted on the Fiscal Year 2002 Work Plan at its meeting August 6, 2001. I am pleased to inform you that the Council approved funding in the amount of \$104,600 for Project 02404/Testing Archival Tag Technology in Coho Salmon contingent on receipt of a written description of the deployment and maintenance procedures that will be followed to insure that data acquisition and recording equipment used on the project is functioning properly at the time of deployment and also during operation. While we understand that investigators who use data acquisition and recording technologies may routinely follow procedures intended to avoid data losses due to human error, it is our experience that losses of substantial amounts of data can occur when equipment is not properly prepared and tested before deployment. Please submit your documentation to the Restoration Office, ATTN: Sandra Schubert.

A copy of the Trustee Council's action on your project is enclosed. Funding includes \$97,800 in direct project funds and \$6,800 in agency administrative costs. Please note that FY 02 is expected to be the final year of Council contribution to your project.

In addition to satisfying the condition specified above, before a project may begin the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. For most projects this will occur before October 1, 2001. If so, you may receive authorization from the Executive Director to begin the FY 01 project on that date. Any delay in satisfying the condition or documenting NEPA compliance will delay start of the project. If you have any questions, please contact the Trustee Council liaison for your agency.

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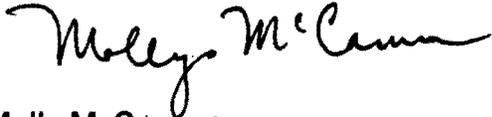
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Thank you for your participation in the *Exxon Valdez* oil spill restoration program. We appreciate your continued interest, and look forward to working with you this coming year.

Sincerely,

A handwritten signature in black ink that reads "Molly McCammon". The signature is fluid and cursive, with the first name "Molly" and last name "McCammon" clearly legible.

Molly McCammon
Executive Director

Enclosure

cc: Dede Bohn, DOI-USGS Liaison

mm/pdb

TRUSTEE COUNCIL ACTION (8/6/01) / FY 02 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	TC Approve 8/6/01	Defer to December	FY03 Recom.	Sum FY 02-03
02404	Testing Archival Tag Technology in Coho Salmon	J. Nielsen/USGS-BRD	DOI	Cont'd 2nd yr. 2 yr. project	\$104.6	\$0.0	\$0.0	\$104.6

Project Abstract

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.

Chief Scientist's Recommendation

This is an excellent project whose results will provide important information for defining the geographic location of coho habitat and sampling the physical characteristics of the habitat. It is on track for accomplishing its objectives and is being managed by an excellent investigator. The studies of tag retention, behavior, and growth of captive juveniles are underway and the results are promising. Additional advertising to various portions of the community should be conducted to increase potential for tag returns. Fund.

Trustee Council Action

Fund contingent on receipt of a description of the deployment procedure intended to insure against loss of data. In FY 01, the Trustee Council funded a pilot tag retention, behavior, and growth study to further test the development and application of archive tag technology, which has great promise for a variety of species. The pilot study has been completed, and a release experiment is already underway in FY 01. FY 02 would provide funding for continuation of the release experiment. The final report on this project will be submitted in FY 04, with all FY 03 and FY 04 costs being covered by the U.S. Geological Survey/Biological Resources Division (USGS-BRD). USGS-BRD is making a significant financial contribution to this project in FY 01 and FY 02 as well.

Exxon Valdez Oil Spill Trustee Council

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August 10, 2001

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

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

Ginny L. Eckert, PhD
University of Alaska
11120 Glacier Highway
Juneau, AK 99801-8681

RE: Project 02395 / Workshop on Nearshore/Intertidal Monitoring
Project 02569 / Linked Monitoring Network for the Gulf of Alaska: A
Workshop

Dear Dr. Dean, Dr. Schoch, and Dr. Eckert:

The *Exxon Valdez* Oil Spill Trustee Council acted on the Fiscal Year 2002 Work Plan at its meeting August 6, 2001. I am pleased to inform you that the Council approved funding in the amount of \$63,600 for Project 02395/Workshop on Nearshore/Intertidal Monitoring contingent on submittal and approval of a revised budget for the \$63,600 requested, but that allocates within this amount \$5,000 in travel funds for community participation in the workshop. A copy of the Council's action on Project 02395 is enclosed. Please note that the Council expects the workshop and the development of resulting recommendations to be a collaborative effort between the proposers and to include the close involvement of researchers in the other Trustee agencies (U.S. Geological Survey and others). Also note that FY 02 is expected to be the only year of Council contribution to this project.

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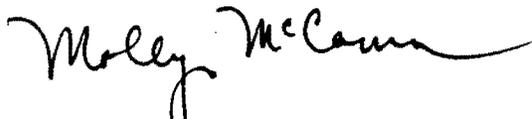
Alaska Department of Fish and Game
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Alaska Department of Law

A copy of the Council's action on Project 02569/Linked Monitoring Network for the Gulf of Alaska: A Workshop is also enclosed. You will see that the Council accepted my recommendation to not fund it, funding instead the collaborative workshop now proposed as Project 02395.

In addition to satisfying the condition specified above, before a project may begin the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. For most projects this will occur before October 1, 2001. If so, you may receive authorization from the Executive Director to begin the FY 02 project on that date. Any delay in satisfying the condition or documenting NEPA compliance will delay start of the project. If you have any questions, please contact the Trustee Council liaison for your agency.

Thank you for your participation in the *Exxon Valdez* oil spill restoration program. We appreciate your continued interest, and look forward to working with you this coming year.

Sincerely,

A handwritten signature in black ink that reads "Molly McCammon". The signature is fluid and cursive, with a long horizontal flourish extending to the right.

Molly McCammon
Executive Director

Enclosure

cc: Bill Hauser, ADF&G Liaison

mm/pdb

TRUS : COUNCIL ACTION (8/6/01) / FY 02 WORK IN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	TC Approve 8/6/01	Defer to December	FY03 Recom.	Sum FY 02-03
02395	Workshop on Nearshore/Intertidal Monitoring	T. Dean/Coastal Resources Associates, C. Schoch/Kachemak Bay NERR	ADFG	New 1st yr. 1 yr. project	\$63.6	\$0.0	\$0.0	\$63.6

Project Abstract

This project will produce a draft nearshore monitoring plan that provides a framework for future monitoring. A preliminary draft plan will be developed by the principal investigators that includes consideration of existing programs in the Lower 48 (e.g., PICES/North Pacific Marine Science Organization and PISCO/Partnership for the Interdisciplinary Study of Coastal Oceans) and Alaska (e.g., Prince William Sound and Cook Inlet Regional Citizens' Advisory Commissions). This draft will then be reviewed by a panel of four to five independent experts in nearshore marine ecology representing various interests and disciplines. A revised plan will be produced and presented to agencies, stakeholders, and other interest parties at a workshop held in conjunction with the EVOS Annual Workshop in January 2002.

Chief Scientist's Recommendation

A combined proposal is requested to include projects 02395 and 02569/Workshop on Gulf of Alaska Monitoring Network, with the overall objective of conducting a workshop to develop options for long-term monitoring of the nearshore/intertidal area. The revised proposal should include (a) community participation in the workshop, including funding for travel, (b) identification of the workshop objective as development of a range of options for intertidal monitoring design, for a network of sites, and broad community participation, (c) coordination with Trustee Council staff in putting together the workshop, (d) demonstration of a working relationship with other institutions and scientists supportive of the objectives of the workshop, including a list of expected participants, and (e) the process the principal investigators will use to cooperatively come to recommendations, including research priorities, once the workshop is complete. Fund contingent on successful review of revised proposal.

Trustee Council Action

Fund contingent on submittal and approval of a revised Detailed Project Description and budget for the \$63,600 requested, but that allocates within this amount \$5,000 in travel funds for community participation in the workshop. This project will use a workshop-based approach to develop options for long-term monitoring of the nearshore/intertidal area. The workshop and development of resulting recommendations are to be a collaborative effort between the two proposers, and should include the close involvement of researchers in the other Trustee agencies (U.S. Geological Survey and others). The workshop may identify pilot or preliminary work to be invited on nearshore/intertidal monitoring later in FY 02 or FY 03. A small amount of funds have been set aside for this purpose in FY 02 (see Project 02681). Nearshore/intertidal monitoring is expected to be an integral part of GEM.

TRUSTEE COUNCIL ACTION (8/6/01) / FY 02 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	TC Approve 8/6/01	Defer to December	FY03 Recom.	Sum FY 02-03
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	\$0.0	\$0.0	\$0.0	\$0.0
	<u>Project Abstract</u>	<u>Chief Scientist's Recommendation</u>			<u>Trustee Council Action</u>			
	There are excellent research models such as PICES (North Pacific Marine Science Organization) and PISCO (Partnership for the Interdisciplinary Study of Coastal Oceans) 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.	Combine some concepts with Project 02395. See Project 02395 for recommendation.		See	Do not fund as a separate project, but combine some concepts with Project 02395. See Project 02395 for recommendation.			

Exxon Valdez Oil Spill Trustee Council

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August 10, 2001

Thomas J. Weingartner, PhD
UAF IMS SFOS
P.O. Box 757220
Fairbanks, AK 99775-7220

RE: Project 02340 / Toward Long-Term Oceanographic Monitoring of the Gulf of Alaska Ecosystem

~~Tom~~
Dear Dr. Weingartner:

The *Exxon Valdez* Oil Spill Trustee Council acted on the Fiscal Year 2002 Work Plan at its meeting August 6, 2001. I am pleased to inform you that the Council approved funding in the amount of \$77,800 for Project 02340/Toward Long-Term Oceanographic Monitoring of the Gulf of Alaska Ecosystem. Funding includes \$58,200 in direct project funds, \$14,500 in University indirect, and \$5,100 in agency administrative costs. A copy of the Council's action on your project is enclosed.

Before a project may begin, the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. The lead agency must also execute a contract or Reimbursable Services Agreement with you. For most projects this will occur before October 1, 2001. If so, you may receive authorization from the Executive Director to begin the FY 02 project on that date. Any delay in documenting NEPA compliance or executing a contract will delay start of the project. If you have any questions, please contact the Trustee Council liaison for your lead agency.

I would also like to take this opportunity to remind you that we are expecting a small amount of funds to be unspent at the completion of your current Project 01340. The receipt of GLOBEC funds that duplicated Trustee Council funds should result in a lapse back to the Trustee Council at the end of FY 01 of \$3,300 (\$2,500 plus 25 percent University indirect plus 7 percent ADF&G GA).

Thank you for your participation in the *Exxon Valdez* oil spill restoration program. We appreciate your continued interest, and look forward to working with you this coming year.

Sincerely,

A handwritten signature in black ink that reads "Molly McCammon". The signature is written in a cursive style with a large, looped 'M' and 'C'.

Molly McCammon
Executive Director

Enclosure

cc: Bill Hauser, ADF&G Liaison

mm/pdb

TRUSTEES COUNCIL ACTION (8/6/01) / FY 02 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	TC Approve 8/6/01	Defer to December	FY03 Recom.	Sum FY 02-03
02340	Toward Long-Term Oceanographic Monitoring of the Gulf of Alaska Ecosystem	T. Weingartner/ UAF	ADFG	Cont'd 5th yr.	\$77.8	\$0.0		\$77.8

Project Abstract

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.

Chief Scientist's Recommendation

The results of this project are key to GEM implementation. Further analysis of data from this project promises to reveal important relationships that would be key to monitoring the dynamics of the Alaska Coastal Current. The principal investigator proposes to do data analysis and write a manuscript for a peer reviewed journal in FY 02, which is highly desirable. This project should be continued in FY 02 with the following objectives: (a) produce annual report on FY 01 results, (b) prepare manuscript, and (c) continue gathering data. Fund revised proposal, which contains these objectives.

Trustee Council Action

Fund revised proposal, which provides for continued Trustee Council support of hydrographic station GAK1 and the accompanying retrospective analyses of the station's data record. GAK1 provides a long-term data set that allows characterization of the Alaska Coastal Current, which is essential to understanding climatological forcing of productivity and will be important for GEM.

Exxon Valdez Oil Spill Trustee Council

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



August 10, 2001

William Hauser, PhD
ADF&G
333 Raspberry Rd
Anchorage, AK 99518

RE: Project 02320 / Sound Ecosystem Assessment (SEA): Printing the Final Report

~~Bill~~
Dear Dr. Hauser:

On August 6, 2001 the *Exxon Valdez* Oil Spill Trustee Council acted upon the Fiscal Year 2002 Work Plan. At that meeting, the Council voted to defer action on Project 02320/Sound Ecosystem Assessment (SEA): Printing the Final Report. The Council is tentatively scheduled to reconsider the project in December, pending completion and peer review of the final report, when a better estimate of printing costs can be made

Thank you for your participation in the *Exxon Valdez* oil spill restoration program. A copy of the Trustee Council's action on your project is enclosed.

Sincerely,

Molly McCammon
Executive Director

Enclosure

mm/pdb

TRUSTEE COUNCIL ACTION (8/6/01) / FY 02 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	TC Approve 8/6/01	Defer to December	FY03 Recom.	Sum FY 02-03
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	\$6.2
	<u>Project Abstract</u>	<u>Chief Scientist's Recommendation</u>				<u>Trustee Council Action</u>		
	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.	Producing the SEA final report is essential, and this proposal seeks only to reauthorize funding that has expired. The principal investigator should do everything possible (as will the Chief Scientist) to ensure that the remaining chapter of the final report is completed so that the report can be produced and distributed. Fund.				Defer decision on funding this project to December, pending completion and peer review of the final report, when a better estimate of printing costs can be made (the above number is a placeholder). This same amount of funds was provided to the Alaska Department of Fish and Game in FY 00 (Project 00320) for printing the SEA final report, but under state rules those funds must lapse June 30, 2001. The expected completion date of the SEA final report is now September 30, 2001.		

Exxon Valdez Oil Spill Trustee Council

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



August 10, 2001

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

Bonita Nelson
NOAA IMS
11305 Glacier Hwy
Juneau, AK 99801

RE: Project 02290 / Hydrocarbon Database and Interpretation Service

Dear Mr. ~~Short~~ and Ms. ~~Nelson~~:

The Exxon Valdez Oil Spill Trustee Council acted on the Fiscal Year 2002 Work Plan at its meeting August 6, 2001. I am pleased to inform you that the Council approved funding in the amount of \$35,000 for Project 02290/Hydrocarbon Database and Interpretation Service contingent on submitting to the Chief Scientist a prior-funded report (00195) and manuscript (00598). Funding includes \$31,400 in direct project funds and \$3,600 in agency administrative costs. A copy of the Council's action on your project is enclosed.

In addition to satisfying the conditions specified above, before a project may begin the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. For most projects this will occur before October 1, 2001. If so, you may receive authorization from the Executive Director to begin the FY 02 project on that date. Any delay in satisfying the conditions or documenting NEPA compliance will delay start of the project. If you have any questions, please contact the Trustee Council liaison for your agency.

Projects approved for FY 02 are approved in the expectation that they will be funded to their completion. However, please note that for your project a recommendation on continuation funding in FY 03 is not being made at this time. The need for continuation of the hydrocarbon database has not been assessed with regard to GEM, and needs to be. Funding for FY 03 may be considered following such an assessment.

Federal Trustees

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State Trustees

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Alaska Department of Environmental Conservation
Alaska Department of Law

Thank you for your participation in the *Exxon Valdez* oil spill restoration program. We appreciate your continued interest, and look forward to working with you this coming year.

Sincerely,

A handwritten signature in black ink that reads "Molly McCammon". The signature is fluid and cursive, with the first name "Molly" and last name "McCammon" clearly legible.

Molly McCammon
Executive Director

Enclosure

cc: Stacy Masters, NOAA

mrr/pdb

TRUSTEE COUNCIL ACTION (8/6/01) / FY 02 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	TC Approve 8/6/01	Defer to December	FY03 Recom.	Sum FY 02-03
02290	Hydrocarbon Database and Interpretation Service	J. Short, B. Nelson/NOAA	NOAA	Cont'd 11th yr.	\$35.0	\$0.0		\$35.0

Project Abstract

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.

Chief Scientist's Recommendation

The restoration program needs this project for FY 02, as it maintains the integrity of the hydrocarbon database, makes new additions, and supplies interpretative services. It is recommended that the Trustee Council fund this program through FY 02, to the end of the settlement period. However, the need for this program has not been assessed with regard to GEM and other priorities that will begin in FY 03. Therefore, there should be no guarantee or recommendations for funding beyond FY 02. Fund.

Trustee Council Action

Fund FY 02 only contingent on submittal of overdue report (00195) and manuscript (00598). This project is the ongoing analysis and interpretation of hydrocarbon data for other Trustee Council funded studies. However, the need for the database has not been assessed with regard to GEM, and needs to be. Funding for FY 03 may be considered following such an assessment.

Exxon Valdez Oil Spill Trustee Council

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



August 10, 2001

Jim McCullough
ADF&G/CFMD
211 Mission Rd
Kodiak, AK 99615-6399

Lisa Scarbrough
ADFG
333 Raspberry Rd
Anchorage, AK 99518-1599

RE: Project 02247 / Kametlook River Coho Salmon Subsistence Project

Dear Mr. ~~McCullough~~ and Ms. ~~Scarbrough~~:

The Exxon Valdez Oil Spill Trustee Council acted on the Fiscal Year 2002 Work Plan at its meeting August 6, 2001. I am pleased to inform you that the Council approved funding in the amount of \$30,800 for Project 02247/Kametlook River Coho Salmon Subsistence Project contingent on submittal of the 00247 annual report. Funding includes \$28,600 in direct project funds and \$2,200 in ADF&G administrative costs. A copy of the Council's action on your project is enclosed. Please note that FY 02 is expected to be the final year of Council support for Project 02247.

In addition to satisfying the condition specified above, before a project may begin the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. For most projects this will occur before October 1, 2001. If so, you may receive authorization from the Executive Director to begin the FY 02 project on that date. Any delay in satisfying the condition or documenting NEPA compliance will delay start of the project. If you have any questions, please contact the Trustee Council liaison for your agency.

Federal Trustees

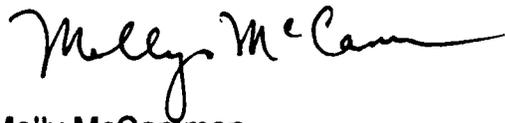
U.S. Department of the Interior
U.S. Department of Agriculture
National Oceanic and Atmospheric Administration

State Trustees

Alaska Department of Fish and Game
Alaska Department of Environmental Conservation
Alaska Department of Law

Thank you for your participation in the *Exxon Valdez* oil spill restoration program. We appreciate your continued interest, and look forward to working with you this coming year.

Sincerely,

A handwritten signature in black ink that reads "Molly McCammon". The signature is fluid and cursive, with the first name "Molly" being the most prominent.

Molly McCammon
Executive Director

Enclosure

cc: Bill Hauser, ADF&G Liaison

mm/pdb

TRUSTEE COUNCIL ACTION (8/6/01) / FY 02 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	TC Approve 8/6/01	Defer to December	FY03 Recom.	Sum FY 02-03
02247	Kametolook River Coho Salmon Subsistence Project	J. McCullough, L. Scarbrough/ADFG	ADFG	Cont'd 6th yr. 6 yr. project	\$30.8	\$0.0	\$0.0	\$30.8

Project Abstract

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.

Chief Scientist's Recommendation

This project is an integral part of a cluster of projects aimed at restoring damaged subsistence resources. Despite a limited success in restoring and supplementing Kametolook River coho thus far, the project is important because it directly addresses a subsistence issue, has strong community involvement, and holds potential for some success. There is a strong educational component as well. Fund final year of activities in FY 02, including project closeout.

Trustee Council Action

Fund, including new objective related to investigating nearby coho stocks as potential brood sources, contingent on submittal of 00247 annual report (due August 15, 2001). This project is working to enhance a small coho salmon run in the Kametolook River near the Alaska Peninsula village of Perryville as a replacement for other subsistence resources lost or reduced due to the oil spill. The project has a strong community involvement component. FY 02 is expected to be the final year of Trustee Council funding, even though it is unlikely that the run will be self sustaining in the foreseeable future.

Exxon Valdez Oil Spill Trustee Council

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



August 10, 2001

Vicki Vanek
ADF&G Div of Subsistence
211 Mission Rd
Kodiak, AK 99615-6399

Monica Riedel,
Alaska Native Harbor Seal Commission
PO Box 1005
Cordova, AK 99574

RE: Project 02245 / Community-Based Harbor Seal Management and
Biological Sampling

Vicki *Monica*
Dear Ms. ~~Vanek~~ and Ms. Riedel:

The Exxon Valdez Oil Spill Trustee Council acted on the Fiscal Year 2002 Work Plan at its meeting August 6, 2001. I am pleased to inform you that the Council approved funding in the amount of \$26,800 for Project 02245/Community-Based Harbor Seal Management and Biological Sampling contingent on (a) receipt of information from the Alaska Native Harbor Seal Commission on the availability of new federal funds for the Commission to undertake work on harbor seals and (b) submittal of the 00245 report. Funding includes \$23,700 in direct project funds and \$3,100 in agency administrative costs. A copy of the Council's action on your project is enclosed.

In addition to satisfying the conditions specified above, before a project may begin the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. For most projects this will occur before October 1, 2001. If so, you may receive authorization from the Executive Director to begin the FY 02 project on that date. Any delay in satisfying the conditions or documenting NEPA compliance will delay start of the project. If you have any questions, please contact the Trustee Council liaison for your lead agency.

Thank you for your participation in the *Exxon Valdez* oil spill restoration program. We appreciate your continued interest, and look forward to working with you this coming year.

Sincerely,

A handwritten signature in black ink, appearing to read "Molly McCammon". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Molly McCammon
Executive Director

Enclosure

cc: Bill Hauser, ADF&G Liaison

mm/pdb

TRUSTEE COUNCIL ACTION (8/6/01) / FY 02 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	TC Approve 8/6/01	Defer to December	FY03 Recom.	Sum FY 02-03
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	\$26.8	\$0.0	\$0.0	\$26.8

Project Abstract

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 and 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 closeout year for this project.

Chief Scientist's Recommendation

This has been a highly successful program for involving the subsistence community in research on a valuable resource. The scientific community has benefited from obtaining samples of harbor seal tissues that were otherwise unavailable. A large number of projects have used samples from this activity in the past and there appears to be a use for samples currently being archived and which may be analyzed in the future. However, the information in the Detailed Project Description with regard to the number of tissue types sampled and the distribution of collection sites for the samples has not been updated. Also, in FY 01 the Trustee Council requested that this program coordinate with other statewide programs on harbor seals and this issue is not addressed. Fund revised proposal, which addresses these issues.

Trustee Council Action

Fund revised proposal, which updates information on the number and distribution of samples collected, the sample database, and activities undertaken to integrate the EVOS biosampling program with efforts underway statewide, contingent on (a) receipt of information from the Alaska Native Harbor Seal Commission on the availability of federal funds for the Commission to undertake work related to harbor seals and (b) submittal of the 00245 report (due August 31, 2001). This project will continue the Alaska Native Harbor Seal Commission's biological sample collection program for harbor seals in the spill area. This multi-year project has successfully provided samples to harbor seal researchers. FY 02 was expected to be the final year of Council support, but this might be the type of community effort that is appropriate under GEM.

Exxon Valdez Oil Spill Trustee Council

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



August 10, 2001

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

Patricia M. Harris
NMFS/Auke Bay Lab
11305 Glacier Hwy
Juneau, AK 99801-8626

RE: Project 02195 / Pristane Monitoring in Mussels

Dear Mr. ^{Jeff}Short and Ms. ^{Pat}Harris:

The *Exxon Valdez* Oil Spill Trustee Council acted on the Fiscal Year 2002 Work Plan at its meeting August 6, 2001. I am pleased to inform you that the Council approved funding in the amount of \$20,000 for Project 02195/Pristane Monitoring in Mussels contingent on (a) submittal and approval of a revised Detailed Project Description and budget that reduce the project's scope to closeout only and (b) submittal of a prior-funded report (00195) and manuscript (00598). A copy of the Council's action on your project is enclosed.

In addition to satisfying the conditions specified above, before a project may begin the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. For most projects this will occur before October 1, 2001. If so, you may receive authorization from the Executive Director to begin the FY 02 project on that date. Any delay in satisfying the conditions or documenting NEPA compliance will delay start of the project. If you have any questions, please contact the Trustee Council liaison for your agency.

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Alaska Department of Law

Thank you for your participation in the *Exxon Valdez* oil spill restoration program. We appreciate your continued interest, and look forward to working with you this coming year.

Sincerely,

A handwritten signature in black ink that reads "Molly McCammon". The signature is written in a cursive style with a large, looping 'M' and 'C'.

Molly McCammon
Executive Director

Enclosure

cc: Stacy Masters, NOAA

mm/pdb

TRUSTEE COUNCIL ACTION (8/6/01) / FY 02 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	TC Approve 8/6/01	Defer to December	FY03 Recom.	Sum FY 02-03
02195	Pristane Monitoring in Mussels	J. Short, P. Harris/NOAA	NOAA	Cont'd 7th yr. 7 yr. project	\$20.0	\$0.0	\$0.0	\$20.0

Project Abstract

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 this period. Forecasts will be compared to actual returns to assess reliability.

Chief Scientist's Recommendation

This project has developed a relationship over the last several years between concentrations of pristane in mussels (an indicator of food availability) in the early growing season and survival of hatchery pinks in Prince William Sound. As expected, however, the results also indicate that there are other important determinants of juvenile pink salmon survival in the early marine phase (some of those factors have been modeled with some success under the SEA/Sound Ecosystem Assessment project). This is not surprising, as many other efforts elsewhere in the world have shown the difficulty of predicting recruitment in marine fishes. The model developed by this project has made a valuable contribution to identifying ecological interactions that influence pink salmon survival. To bring the project to a logical and useful conclusion, the principal investigator should synthesize project results in FY 02, including preparation of a final report and publication of the project results in the peer reviewed literature. It may be that the results of this project could be utilized in a longer-term effort to better characterize the crucial factors influencing fish recruitment in the system. Fund closeout.

Trustee Council Action

Fund contingent on (a) submittal and approval of a revised Detailed Project Description and budget that reduce the project's scope to closeout only (final report and manuscript) and (b) submittal of overdue report (00195) and manuscript (00598). This project has been working to develop an inexpensive measure of marine productivity that would allow predictions about future fisheries production and harvest levels.

Exxon Valdez Oil Spill Trustee Council

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



August 10, 2001

Fred W. Allendorf, PhD
Div of Biological Sciences
University of Montana
Missoula, MT 59812

RE: Project 02190 / Construction of a Linkage Map for the Pink Salmon
Genome

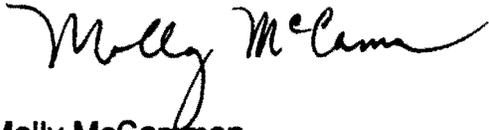
~~Fred~~
Dear Dr. Allendorf:

The Exxon Valdez Oil Spill Trustee Council acted on the Fiscal Year 2002 Work Plan at its meeting on August 6, 2001. I am pleased to inform you that the Council approved funding in the amount of \$43,100 for Project 02190/Construction of a Linkage Map for the Pink Salmon Genome. This includes \$31,400 in direct project funds, \$8,900 in University indirect, and \$2,800 in ADF&G administrative costs. The Council voted to defer action on the additional funds you requested pending the outcome of this summer's capture effort. In anticipation of your project being reconsidered by the Council in December, please submit the preliminary results from your FY 01 field season to the Restoration Office, ATTN: Sandra Schubert, no later than **November 1, 2001**.

Before a project may begin, the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. The lead agency must also execute a contract or Reimbursable Services Agreement with you. We hope that for most projects this will occur before October 1, 2001. If so, you may receive authorization from the Executive Director to begin the FY 02 project on that date. Any delay in documenting compliance will delay start of the project. If you have any questions, please contact the Trustee Council liaison for your lead agency.

Thank you for your participation in the *Exxon Valdez* oil spill restoration program. We appreciate your continued interest, and look forward to working with you this coming year. A copy of the Council's action on your project is enclosed.

Sincerely,

A handwritten signature in black ink that reads "Molly McCammon". The signature is written in a cursive style with a large, looping initial "M".

Molly McCammon
Executive Director

Enclosure

cc: Bill Hauser, ADF&G Liaison

mm/pdb

TRUSTEE COUNCIL ACTION (8/6/01) / FY 02 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	TC Approve 8/6/01	Defer to December	FY03 Recom.	Sum FY 02-03
02190	Construction of a Linkage Map for the Pink Salmon Genome	F. Allendorf/Univ. Montana	ADFG	Cont'd 7th yr. 8 yr. project	\$43.1	\$124.9		\$168.0

Project Abstract

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 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.]

Chief Scientist's Recommendation

This project has already produced a linkage map including a large number of genes in the pink salmon genome. The remaining objectives, determining the relationships between growth and survival and mapped genes, depend entirely on the success of the project in capturing experimental fish released in 2000 from the Alaska SeaLife Center and returning to upper Resurrection Bay in 2001. At least 200 fish need to be captured to draw conclusions about the relationships. Defer funding pending evaluation of field collections from summer of FY 01.

Trustee Council Action

Fund interim amount (\$43,100); defer decision on balance of funding (\$124,900) to December, pending outcome of FY 01 (Summer 2001) capture effort. If at least 200 fish are captured, the project will proceed as proposed in FY 02, with the balance of funds to be approved by the Trustee Council in December 2001 and project closeout in FY 03. If 200 or more fish are not captured, the interim funds will be used for project closeout in FY 02. This project is important for understanding the genetic traits of pink salmon that affect growth and survival. In addition, the work being done under this project will lay the foundation for experiments to answer questions important to fisheries management about hatchery/wild fish interactions. For example, are hatchery fish changing the gene pool in a way that makes wild fish maladapted to their environment? Are enough hatchery fish getting into streams to effect productivity of wild fish? How adapted are wild fish to particular streams?

Exxon Valdez Oil Spill Trustee Council

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



August 10, 2001

John F. Piatt, PhD
Alaska Science Center NBS
1011 E Tudor Rd
Anchorage, AK 99503

RE: Project 02163M / APEX: Numerical and Functional Response of Seabirds
to Fluctuations in Forage Fish Density


Dear Dr. Piatt:

The Exxon Valdez Oil Spill Trustee Council acted on the Fiscal Year 2002 Work Plan at its meeting August 6, 2001. I am pleased to inform you that the Council approved funding in the amount of \$50,000 for Project 02163M/APEX: Numerical and Functional Response of Seabirds to Fluctuations in Forage Fish Density contingent on submitting to the Chief Scientist several prior-funded reports and manuscripts. Funding includes \$44,300 in direct project funds and \$5,700 in agency administrative costs. A copy of the Council's action on your project is enclosed. Please note that FY 02 is expected to be the final year of Council support for Project 02163M.

In addition to satisfying the condition specified above, before a project may begin the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. For most projects this will occur before October 1, 2001. If so, you may receive authorization from the Executive Director to begin the FY 02 project on that date. Any delay in satisfying the conditions or documenting NEPA compliance will delay start of the project. If you have any questions, please contact the Trustee Council liaison for your agency.

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Alaska Department of Environmental Conservation
Alaska Department of Law

Thank you for your participation in the *Exxon Valdez* oil spill restoration program. We appreciate your continued interest, and look forward to working with you this coming year.

Sincerely,

A handwritten signature in black ink that reads "Molly McCammon". The signature is fluid and cursive, with the first name "Molly" written in a larger, more prominent script than the last name "McCammon".

Molly McCammon
Executive Director

Enclosure

cc: Dede Bohn, DOI-USGS Liaison

mrv/pdb

TRUSTEE COUNCIL ACTION (8/6/01) / FY 02 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	TC Approve 8/6/01	Defer to December	FY03 Recom.	Sum FY 02-03
02163M	APEX: Numerical and Functional Response of Seabirds to Fluctuations in Forage Fish Density	J. Piatt/USGS	DOI	Cont'd 9th yr. 9 yr. project	\$50.0	\$0.0	\$0.0	\$50.0
	<u>Project Abstract</u>	<u>Chief Scientist's Recommendation</u>				<u>Trustee Council Action</u>		
	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.	This is a sound and logical conclusion of a large project. The principal investigator has done an excellent job of taking an ecosystem approach to understanding issues highly relevant to the Trustee Council. The long list of publications and theses attests to this project's scientific success so far. This publication effort is very important to the credibility and accountability of the EVOS restoration program. Fund.				Fund contingent on (a) submittal of overdue reports (00163/APEX chapter and 00501/Seabird Monitoring Protocols) and (b) submittal of the four manuscripts for which this principal investigator and his research team received funding under 01163/APEX Summary Scientific Papers (due September 30, 2001).		

Exxon Valdez Oil Spill Trustee Council

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



August 10, 2001

David Irons, PhD
USFWS
1011 E. Tudor Rd
Anchorage, AK 99503

RE: Project 02159 / Surveys to Monitor Marine Bird Abundance in Prince William Sound During Winter and Summer 2002

Dear Dr. ~~Irons~~ ^{Dave}:

On August 6, 2001 the *Exxon Valdez* Oil Spill Trustee Council acted upon the Fiscal Year 2002 Work Plan. At that meeting, the Council voted to defer action on Project 02159/Surveys to Monitor Marine Bird Abundance in Prince William Sound During Winter and Summer 2002. The Council is tentatively scheduled to reconsider the project in December following a reevaluation of funding priorities in the fall.

At the August 6 meeting, the Trustee Council authorized projects totaling \$3.1 million. In December, 18 deferred projects totaling approximately \$2.1 million will be considered. The cap for the FY 02 Work Plan is \$5 million, so it will not be possible to fund all deferred projects.

Thank you for your participation in the *Exxon Valdez* oil spill restoration program. A copy of the Trustee Council's action on your project is enclosed. If you have questions, please contact the Trustee Council liaison for your lead agency.

Sincerely,

Molly McCammon
Executive Director

Enclosure

cc: Tony DeGange, DOI-USFWS Liaison

mm/pdb

TRUSTEE COUNCIL ACTION (8/6/01) / FY 02 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	TC Approve 8/6/01	Defer to December	FY03 Recom.	Sum FY 02-03
02159	Surveys to Monitor Marine Bird Abundance in Prince William Sound During Winter and Summer 2002	D. Irons/USFWS	DOI	Cont'd 9th yr.	\$0.0	\$194.1		\$194.1

Project Abstract

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 throughout the sound in summer. Common loons, cormorants, and common murrelets 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. [Note: This project also requested \$25,000 for FY 04.]

Chief Scientist's Recommendation

In the long term, surveys of the kind proposed here will be needed to assess trends of populations of injured and indicator species of marine birds and mammals in Prince William Sound. It is still not clear that we need to do this as frequently as is being proposed, given the apparent continuing differences between oiled and unoiled areas in the sound over the last twelve years. The project is relatively expensive, and it is not clear why this task should not be part of normal agency management. Fund lower priority.

Trustee Council Action

Defer decision on funding this project to December, pending availability of funds. The Trustee Council has supported boat surveys of marine birds and mammals in Prince William Sound since the time of the spill. These surveys have been the primary means of monitoring the recovery of a suite of coastal birds and other wildlife. However, as the transition to GEM begins, there is a question about whether it is essential that the surveys continue to be done every two years. In addition, the question of whether these are routine surveys that should be incorporated into the agency's normal management procedures needs to be revisited.

Exxon Valdez Oil Spill Trustee Council

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



August 10, 2001

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

RE: Project 02052 / Community Involvement & Planning for GEM

Dear Ms. Brown-Schwalenberg:

The *Exxon Valdez* Oil Spill Trustee Council acted on the Fiscal Year 2002 Work Plan at its meeting August 6, 2001. I am pleased to inform you that the Council approved interim funding in the amount of \$45,000 for Project 02052/Community Involvement & Planning for GEM contingent on (a) satisfactory review of your August 1, 2001 letter addressing the concerns raised by the reviewers and (b) submittal of three overdue reports (00052, 00610, 01131). A decision on the balance of funds (\$135,000) has been deferred to December, pending further consideration of the longer term objectives of the project. I will be out of state on family business until the end of August, but will be available by phone and e-mail during this period. I would like to arrange a time during the next week or two to discuss Project 02052 with you.

A copy of the Trustee Council's action on your project is enclosed. The funding approved includes \$42,000 in direct project funds and \$3,000 in ADF&G administrative costs.

In addition to satisfying the conditions specified above, before a project may begin the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. The lead agency must also execute a contract or Reimbursable Services Agreement with you. For most projects this will occur before October 1, 2001. If so, you may receive authorization from the Executive Director to begin spending on that date. Any delay in satisfying the conditions or documenting NEPA compliance will delay start of the project.

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Alaska Department of Law

Please let me know when you will have time to discuss this. I appreciate your continued interest in the *Exxon Valdez* oil spill restoration program.

Sincerely,

A handwritten signature in black ink, appearing to read "Molly".

Molly McCammon
Executive Director

Enclosure

cc: Bill Hauser, ADF&G Liaison

mrv/pdb

TRUSTEE COUNCIL ACTION (8/6/01) / FY 02 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	TC Approve 8/6/01	Defer to December	FY03 Recom.	Sum FY 02-03
02052	Community Involvement/Planning for GEM	P. Brown- Schwalenberg/CRRC	ADFG	Cont'd 8th yr.	\$45.0	\$135.0		\$180.0

Project Abstract

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.

Chief Scientist's Recommendation

The community involvement project is a very valuable part of the restoration program. In principle, this proposal makes sense--i.e., to develop community monitoring plans and Tribal Natural Resource Management Plans that have tangible linkages to GEM. If successful, these links will contribute greatly to the community involvement and public participation objectives of GEM. However, this project's track record in producing products could improve, and it is essential that the project leaders foster realistic expectations as they attempt to define meaningful community involvement. There are objectives for FY 02 that were also in the FY 01 proposal and three overdue reports. There are also FY 00 objectives that have not been met. Fund contingent on these issues being satisfactorily resolved.

Trustee Council Action

Fund interim amount (\$45,000), to continue current project in the short term, contingent on (a) review of additional information provided regarding FY 00 and FY 01 project tasks and the schedule and strategy for completion of the Tribal Natural Resource Management Plans and (b) submittal of overdue reports (00052, 00610, 01131). Defer balance (\$135,000) to December, pending further discussions with the principal investigator about the longer term objectives of the project. The total amount of funding for FY 02 (interim amount plus balance) is not expected to exceed \$180,000, which is the amount originally projected for FY 02. This project was originally designed to facilitate communication among the Trustee Council, scientists, and residents of the spill area in regard to the restoration effort. As the Council's efforts have shifted from restoration to long-term monitoring, the project's emphasis has shifted to providing technical assistance to five pilot communities (Tatitlek, Port Graham, Nanwalek, Ouzinkie, Cordova/Eyak) to participate in the development of GEM and to further develop their natural resource programs and stewardship capacity. FY 02 was expected to be the final year of Council support. However, some kind of community effort will likely be a future part of GEM.

Exxon Valdez Oil Spill Trustee Council

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



August 10, 2001

Craig Matkin
North Gulf Oceanic Society
60920 Mary Allen Ave.
Homer, AK 99603

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

Dear Mr. Matkin: 

The Exxon Valdez Oil Spill Trustee Council acted on the Fiscal Year 2002 Work Plan at its meeting on August 6, 2001. I am pleased to inform you that the Council approved funding in the amount of \$35,200 for Project 02012/Photographic and Acoustic Monitoring of Killer Whales in Prince William Sound and Kenai Fjords contingent on submittal of two manuscripts from prior years (mating systems and niche partitioning). This includes \$32,900 in contractual funds for you, and \$2,300 for NOAA's administrative costs. A copy of the Council's action on your project is enclosed. Please note funding is for project close-out only.

In addition to satisfying the condition specified above, before a project may begin, the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. The lead agency must also execute a contract or Reimbursable Services Agreement with you. We hope that for most projects this will occur before October 1, 2001. If so, you may receive authorization from the Executive Director to begin the FY 02 project on that date. Any delay in satisfying the conditions, documenting NEPA compliance, or executing a contract will delay start of the project. For more information, please contact the NOAA representative:

Stacy Masters
National Marine Fisheries Service
P.O. Box 21668, Juneau, AK 99802
Phone 907-586-7644/Fax 907-586-7255

Thank you for your participation in the *Exxon Valdez* oil spill restoration program. We appreciate your continued interest, and look forward to working with you this coming year.

Sincerely,

A handwritten signature in black ink that reads "Molly McCann". The signature is fluid and cursive, with the first name "Molly" and last name "McCann" clearly legible.

Molly McCann
Executive Director

Enclosure

cc: Stacy Masters, NOAA
Sharon Kent, NOAA Contracting

mm/pdb

TRUSTEE COUNCIL ACTION (8/6/01) / FY 02 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	TC Approve 8/6/01	Defer to December	FY03 Recom.	Sum FY 02-03
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. 10 yr. project	\$35.2	\$0.0	\$0.0	\$35.2

Project Abstract

This project will close out 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. Analysis of FY 01 data will be completed, as well as additional modeling of the resident killer whale population and AB pod and publication of those results. Remote hydrophone data will be collected through December 2001 and data from all years will be summarized and assessed. Distribution of killer whales in Kenai Fjords over the course of the project will be examined using GIS techniques. A final examination of resident killer whale prey will be made using samples collected from 1997-2001. A final report will be submitted.

Chief Scientist's Recommendation

This proposal would continue a 12-year study of population trends of killer whales in Prince William Sound. The principal investigator has made major contributions to characterizing the populations of killer whales and understanding killer whale biology in the northern Gulf of Alaska. It is not clear that we need to continue surveys on an annual basis in order to track the AB pod and AT1 group, although some aspect of killer whale ecology could be a component of GEM. Fund closeout only in FY 02 (no field work), contingent on delivery of past due manuscripts.

Trustee Council Action

Fund closeout of this project contingent on submittal of overdue manuscripts (mating systems and niche partitioning). This project has provided valuable information about the long-term effects of the oil spill on resident and transient pods of killer whales in Prince William Sound. Annual surveys do not appear to be necessary to track the AB pod and AT1 group.

Exxon Valdez Oil Spill Trustee Council

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



August 9, 2001

William J. Wilson
LGL AK Research Assoc. Inc.
4175 Tudor Centre Dr, Ste 101
Anchorage, AK 99508-5917

RE: Project 02678-BAA / Identifying Community-Based Ways to Use
Commercial Fisheries Bycatch for Scientific Gain

Dear Mr. ~~Wilson~~ ^{Diell}:

The Exxon Valdez Oil Spill Trustee Council received \$10.3 million in proposals for a Fiscal Year 2002 Work Plan of \$5 million. It was not possible to fund all proposals that were submitted.

In June I notified you of my recommendation that the Trustee Council not fund Project 02678/Identifying Community-Based Ways to Use Commercial Fisheries Bycatch for Scientific Gain. The Council acted on the FY 2002 Work Plan on August 6, 2001. This letter is to inform you that the Council accepted my recommendation and did not fund your project for FY 02. A copy of the Council's action on your project is enclosed.

I appreciate your interest in the restoration program and hope you will consider submitting proposals in future years.

Sincerely,

Molly McCammon
Executive Director

Enclosure

cc: Stacy Masters, NOAA
Sharon Kent, NOAA Contracting

mrm/pdb

TRUSTEE COUNCIL ACTION (8/6/01) / FY 02 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	TC Approve 8/6/01	Defer to December	FY03 Recom.	Sum FY 02-03
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	\$0.0	\$0.0	\$0.0	\$0.0
	<u>Project Abstract</u>	<u>Chief Scientist's Recommendation</u>					<u>Trustee Council Action</u>	
	This project will investigate the feasibility of using commercial fisheries bycatch to increase scientific knowledge of rare and infrequently-studied ichthyofauna 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.	This project would explore the feasibility of using commercial fishing bycatch as a means of sampling Gulf of Alaska fishes to gather information about species composition, distribution, and age structure. A program such as this could be a useful component of GEM, although issues related to gear-type variation and accurate reporting of bycatch remain to be addressed if quantitative results are to be achieved. Also, GEM has not posed the questions that this project would address. The fact that this project would rely on the participation of community fishers is a strong plus. The scientific team is highly qualified to perform this work, which may be appropriate for future funding. Do not fund.					Do not fund. The Chief Scientist has raised concerns about how quantitative results would be obtained and the project's relationship to GEM. The project, which would conduct opportunistic sampling of fish species captured as bycatch in groundfish fisheries, has a strong community involvement component (i.e., reliance on commercial fishers).	

Exxon Valdez Oil Spill Trustee Council

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



August 9, 2001

Carol Kvasnikoff
Nanwalek Salmon Enhancement Project Coordinator
PO Box 8078
Nanwalek, AK 99603-8853

RE: Project 02677 / English Bay River Sockeye Salmon Enumeration Project

Dear Ms. Kvasnikoff:

The *Exxon Valdez* Oil Spill Trustee Council received \$10.3 million in proposals for a Fiscal Year 2002 Work Plan of \$5 million. It was not possible to fund all proposals that were submitted.

In June I notified you of my recommendation that the Trustee Council not fund Project 02677/English Bay River Sockeye Salmon Enumeration Project. The Council acted on the FY 2002 Work Plan on August 6, 2001. This letter is to inform you that the Council accepted my recommendation and did not fund your project for FY 02. A copy of the Council's action on your project is enclosed.

I appreciate your interest in the restoration program and hope you will consider submitting proposals in future years.

Sincerely,

A handwritten signature in cursive script that reads "Molly McCammon".

Molly McCammon
Executive Director

Enclosure

cc: Bill Hauser, ADF&G Liaison

mm/pdb

*Let's keep working
on some future effort.
M.*

TRUSTEE COUNCIL ACTION (8/6/01) / FY 02 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	TC Approve 8/6/01	Defer to December	FY03 Recom.	Sum FY 02-03
02677	English Bay River Sockeye Salmon Enumeration Project	C. Kvasnikoff/Nanwalek IRA Council	ADFG	New 1st yr. 2 yr. project	\$0.0	\$0.0	\$0.0	\$0.0
	<u>Project Abstract</u>	<u>Chief Scientist's Recommendation</u>				<u>Trustee Council Action</u>		
	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.	This is a well-presented proposal, but the technology it describes, although theoretically possible, is difficult and expensive to implement. A link to restoration objectives is not clearly established and normal agency management is a question here. The project appears premature in the context of GEM community-based monitoring development. Do not fund.				Do not fund. This project would continue the sockeye salmon project begun by the Chugach Regional Resources Commission (CRRC) in 1990, which involves incubating eggs from English Bay Second Lake at the Port Graham hatchery and net-pen rearing the fry back at Second Lake. The project also includes monitoring smolt outmigration, adult escapement, and key parameters (age, weight, etc.). The Chief Scientist has raised questions regarding the project's feasibility. In addition, taking over the continuing components of this project from CRRC at this late date in the restoration process is not a priority for the Trustee Council.		

Exxon Valdez Oil Spill Trustee Council

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



August 9, 2001

John S. French, PhD
Pegasus Enterprises
PO Box 1470
Seward, AK 99664-1470

George J. Divoky
4505 University Way NE #71
Seattle, WA 98105

RE: Project 02674-BAA / Assessing Pigeon Guillemot Restoration Techniques

Dear Dr. ~~French~~ and Mr. ~~Divoky~~:

The Exxon Valdez Oil Spill Trustee Council acted on the Fiscal Year 2002 Work Plan at its meeting on August 6, 2001. I am pleased to inform you that the Council approved funding in the amount of \$60,400 for Project 02674/Assessing Pigeon Guillemot Restoration Techniques. This includes \$39,800 in contractual funds for you, \$2,800 for NOAA's administrative costs, \$16,600 for Alaska SeaLife Center bench fees, and \$1,200 for ADF&G to administer the bench fees. A copy of the Council's action on your project is enclosed.

Before a project may begin, the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. The lead agency must also execute a contract or Reimbursable Services Agreement with you. We hope that for most projects this will occur before October 1, 2001. If so, you may receive authorization from the Executive Director to begin the FY 02 project on that date. Any delay in documenting compliance, or in executing a contract, will delay start of the project. For more information, please contact the NOAA representative:

Stacy Masters
National Marine Fisheries Service
P.O. Box 21668, Juneau, AK 99802
Phone 907-586-7644/Fax 907-586-7255

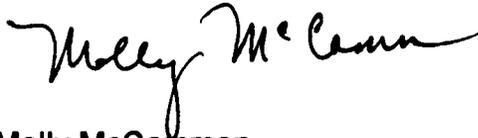
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Alaska Department of Law

Projects approved for FY 02 are approved in the expectation that they will be funded to their completion. However, the Trustee Council will annually evaluate a project's future funding needs based on its progress or results to date, overall restoration needs, and restoration funding constraints. We do not yet have an FY 03 funding projection for your project. Funds for FY 03 may be considered following a review of your FY 02 results.

Thank you for your participation in the *Exxon Valdez* oil spill restoration program. We appreciate your continued interest, and look forward to working with you this coming year.

Sincerely,

A handwritten signature in black ink that reads "Molly McCammon". The signature is fluid and cursive, with the first name "Molly" and last name "McCammon" clearly legible.

Molly McCammon
Executive Director

Enclosure

cc: Stacy Masters, NOAA
Sharon Kent, NOAA Contracting

mmv/pdb

TRUSTEE COUNCIL ACTION (8/6/01) / FY 02 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	TC Approve 8/6/01	Defer to December	FY03 Recom.	Sum FY 02-03
02674-BAA	Assessing Pigeon Guillemot Restoration Techniques	J. French/Pegasus Enterprises, G. Divoky/UAF	NOAA	New 1st yr. 2 yr. project	\$60.4	\$0.0		\$60.4

Project Abstract

This project will monitor pigeon guillemot restoration projects initiated between 1998-2000. Censuses of Resurrection Bay to determine survivorship and breeding behavior of birds fledged from the Alaska SeaLife Center will be conducted and the occupancy and success of artificial nest sites erected at the Alaska SeaLife Center, Hat Island, North Beach, and Jackpot Island will be monitored. The characteristics of these sites, the nest boxes, and reproductive behaviors observed in the avian habitat at the Alaska SeaLife Center will be assessed to delimit the efficacy of nest boxes as a restoration or monitoring tool.

Chief Scientist's Recommendation

This is an interesting proposal from well-qualified investigators to do follow-up work on two past EVOS projects. It proposes to determine whether fledging of guillemots at the Alaska SeaLife Center and provision of artificial nest sites might lead to establishment of an enhanced pigeon guillemot population in Resurrection Bay. This proposal will monitor pigeon guillemots returning to Resurrection Bay and other sites, including evaluation of occupancy of various artificial nest sites, which will provide worthwhile performance monitoring of restoration actions. The other components of this project (objectives 3 and 4) seem less compelling, or best carried out in the context of a broader GEM effort in the future. Fund revised proposal, which reduces the project's scope to objectives 1 and 2 only.

Trustee Council Action

Fund revised proposal, which reduces the project's scope to objectives 1 (survival and recruitment of captive raised birds) and 2 (association of pigeon guillemots with artificial nest boxes and social attraction arrays, including observation of nest boxes in the avian habitat at the Alaska SeaLife Center). This project will evaluate the effectiveness as a pigeon guillemot restoration technique of the 65 nest boxes installed under Project /327. Funds for FY 03 may be considered following a review of the FY 02 results. [Note: Funding includes \$17,800 for Alaska SeaLife Center bench fees.]

Exxon Valdez Oil Spill Trustee Council

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



August 9, 2001

David Irons, PhD
USFWS
1011 E. Tudor Rd
Anchorage, AK 99503

Daniel D. Roby, PhD
Oregon Coop Wildlife Research Unit
104 Nash Hall, OSU
Corvallis, OR 97331-3803

RE: Project 02673 / Continuing Decline of Pigeon Guillemots in the Oiled
Portion of Prince William Sound

Dear ~~Dr. Irons~~ and ~~Dr. Roby~~:

The Exxon Valdez Oil Spill Trustee Council received \$10.3 million in proposals for a Fiscal Year 2002 Work Plan of \$5 million. It was not possible to fund all proposals that were submitted.

In June I notified you of my recommendation that the Trustee Council not fund Project 02673/Continuing Decline of Pigeon Guillemots in the Oiled Portion of Prince William Sound. The Council acted on the FY 2002 Work Plan on August 6, 2001. This letter is to inform you that the Council accepted my recommendation and did not fund your project for FY 02. A copy of the Council's action on your project is enclosed.

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National Oceanic and Atmospheric Administration

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Alaska Department of Environmental Conservation
Alaska Department of Law

I appreciate your interest in the restoration program and hope you will consider submitting proposals in future years.

Sincerely,

A handwritten signature in black ink that reads "Molly McCammon". The signature is written in a cursive style with a long horizontal flourish at the end.

Molly McCammon
Executive Director

Enclosure

cc: Tony DeGange, DOI-USFWS Liaison

mm/pdb

TRUSTEE COUNCIL ACTION (8/6/01) / FY 02 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	TC Approve 8/6/01	Defer to December	FY03 Recom.	Sum FY 02-03
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	\$0.0	\$0.0	\$0.0	\$0.0

Project Abstract

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).]

Chief Scientist's Recommendation

This proposal from highly qualified investigators would perform long-term monitoring of pigeon guillemot populations in Prince William Sound at a relatively low cost. This may be the type of monitoring that could be included in GEM, especially with the proposed matching funds from the agency. However, it would be premature to begin the project in FY 02 as the indicators of long-term ecological change in the nearshore environments have yet to be determined for GEM. Do not fund.

Trustee Council Action

Do not fund. This project, which would fund five years of pigeon guillemot monitoring at Naked Island to determine if poor productivity is causing the continued population decline, may be the type of monitoring that is included under GEM. However, it is premature until the indicators of long-term ecological change that GEM will monitor have been determined.

Exxon Valdez Oil Spill Trustee Council

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



August 9, 2001

Diana Stram, PhD
PO Box 23
Girdwood, AK 99587

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

RE: Project 02671 / Coordinating Volunteer Vessels of Opportunity to Collect Oceanographic Data in Kachemak Bay and Lower Cook Inlet

Dear Dr. Stram and Dr. Schoch:

The *Exxon Valdez* Oil Spill Trustee Council acted on the Fiscal Year 2002 Work Plan at its meeting on August 6, 2001. I am pleased to inform you that the Council approved funding in the amount of \$34,800 for Project 02671/Coordinating Volunteer Vessels of Opportunity to Collect Oceanographic Data in Kachemak Bay and Lower Cook Inlet. This includes \$33,000 in contractual funds for you and \$1,800 for ADF&G's administrative costs. A copy of the Council's action on your project is enclosed. Please note that FY 02 is expected to be the only year of Council support for Project 02671.

Before a project may begin, the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. We hope that for most projects this will occur before October 1, 2001. If so, you may receive authorization from the Executive Director to begin the FY 02 project on that date. Any delay in documenting compliance, or in executing a contract, will delay start of the project. For more information, please contact the Trustee Council liaison for your agency.

Federal Trustees

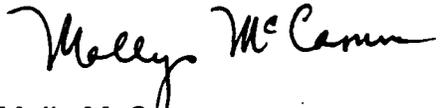
U.S. Department of the Interior
U.S. Department of Agriculture
National Oceanic and Atmospheric Administration

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Thank you for your participation in the *Exxon Valdez* oil spill restoration program. We appreciate your continued interest, and look forward to working with you this coming year.

Sincerely,

A handwritten signature in black ink that reads "Molly McCammon". The signature is written in a cursive, flowing style.

Molly McCammon
Executive Director

Enclosure

cc: Bill Hauser, ADF&G Liaison

mm/pdb

TRUSTEE COUNCIL ACTION (8/6/01) / FY 02 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	TC Approve 8/6/01	Defer to December	FY03 Recom.	Sum FY 02-03
02671	Coordinating Volunteer Vessels of Opportunity to Collect Oceanographic Data in Kachemak Bay and Lower Cook Inlet	D. Stram, C. Schoch/Kachemak Bay NERR	ADFG	New 1st yr. 1 yr. project	\$34.8	\$0.0	\$0.0	\$34.8
	<u>Project Abstract</u>	<u>Chief Scientist's Recommendation</u>				<u>Trustee Council Action</u>		
	Cook Inlet Keeper and the Kachemak Bay Research Reserve will organize a network database of local community volunteers for the purpose of collecting oceanographic data from regional ships of opportunity. An outreach program will be undertaken to identify and construct a database of private and commercial vessels making frequent trips in the Kachemak Bay, lower Cook Inlet, and Gulf of Alaska regions. A thermosalinograph, installed on a vessel at the Kachemak Bay Research Reserve, will be used to clarify regions for future data collection. 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 relationship to the dispersal of larvae and pollutants in the region.	The work proposed could be a pioneering effort in community involvement in scientific data acquisition. Methods will be developed that will allow community-based efforts to fill important gaps. A revised proposal has been developed that deemphasizes data collection and analysis in the initiation of the project and focuses on (a) developing logistics for a network of local ships of opportunity, (b) participation of the broader oceanographic community in identifying the types of variables and locations for sampling, and (c) implementation of QA/QC procedures for data collection and geolocation. The principal investigators should also develop a prototype plan for allocating volunteer sampling efforts so that efforts are allocated to capture spatial and temporal ocean variability. Fund.				Fund revised proposal, which deemphasizes data collection and analysis and focuses on organizing a network database of local community volunteers for the purpose of collecting oceanographic data from regional ships of opportunity. As recommended by the Chief Scientist, the principal investigators should also develop a prototype plan for allocating volunteer sampling efforts so that efforts are allocated to capture spatial and temporal ocean variability. Vessels of opportunity are a cost-effective data collection method that may be useful to GEM, and proposals related to ships of opportunity were specifically invited in the <i>FY 02 Invitation</i> . Methods developed under this project should be transferable to other regions of the spill area, such as Prince William Sound.		

Exxon Valdez Oil Spill Trustee Council

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



August 9, 2001

Sue Mauger
PO Box 3209
Homer, AK 99603

RE: Project 02667 / Effectiveness of Citizens' Environmental Monitoring Program

Dear Ms. Mauger:

The *Exxon Valdez* Oil Spill Trustee Council acted on the Fiscal Year 2002 Work Plan at its meeting on August 6, 2001. I am pleased to inform you that the Council approved funding in the amount of \$16,700 for Project 02667/Effectiveness of Citizens' Environmental Monitoring Program. This includes \$15,600 in direct project funds and \$1,100 in ADEC administrative costs. A copy of the Council's action on your project is enclosed. Please note that FY 02 is expected to be the only year of Council support for your project.

Before a project may begin, the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. We hope that for most projects this will occur before October 1, 2001. If so, you may receive authorization from the Executive Director to begin the FY 02 project on that date. Any delay in documenting compliance will delay start of the project. If you have any questions, please contact Marianne See, the Trustee Council liaison for your lead agency.

Federal Trustees

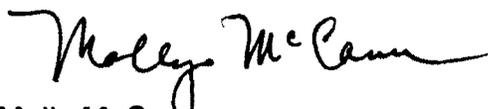
U.S. Department of the Interior
U.S. Department of Agriculture
National Oceanic and Atmospheric Administration

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Alaska Department of Environmental Conservation
Alaska Department of Law

Thank you for your participation in the *Exxon Valdez* oil spill restoration program. We appreciate your continued interest, and look forward to working with you this coming year.

Sincerely,

A handwritten signature in black ink that reads "Molly McCammon". The signature is fluid and cursive, with the first name "Molly" being more prominent than the last name "McCammon".

Molly McCammon
Executive Director

Enclosure

cc: Marianne See, ADEC Liaison

mmv/pdb

TRUSTEE COUNCIL ACTION (8/6/01) / FY 02 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	TC Approve 8/6/01	Defer to December	FY03 Recom.	Sum FY 02-03
02667	Effectiveness of Citizens' Environmental Monitoring Program	S. Mauger/Cook Inlet Keeper	ADEC	New 1st yr. 1 yr. project	\$16.7	\$0.0	\$0.0	\$16.7

Project Abstract

This project will analyze five years of past data from Cook Inlet Keeper's Citizens' Environmental Monitoring Program, the first consistent, credible, and coordinated community-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) in refining their community monitoring efforts and may lead to future community-based monitoring programs.

Chief Scientist's Recommendation

This project will analyze the power of Cook Inlet Keeper's Citizens' Environmental Monitoring Program to detect change in water quality parameters. The Keeper program is an effective model for community-based sampling and this proposal is a good preparation for community based monitoring within GEM. Fund revised proposal, which clarifies the statistical approach.

Trustee Council Action

Fund revised proposal, which clarifies the statistical approach for this study. This project will provide funding for Cook Inlet Keeper to analyze five years of data from their Citizens' Environmental Monitoring Program to determine if the monitoring protocols and sampling design are effective at detecting significant change in water quality over time. The project is good preparation for community based monitoring under GEM.

Exxon Valdez Oil Spill Trustee Council

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



August 9, 2001

John F. Piatt, PhD
Alaska Science Center NBS
1011 E Tudor Rd
Anchorage, AK 99503

RE: Project 02664 / Retrospective Analysis of 30 Years of Seabird Distribution and Diet Data

Dear Dr. ~~Piatt~~ *John*:

The Exxon Valdez Oil Spill Trustee Council received \$10.3 million in proposals for a Fiscal Year 2002 Work Plan of \$5 million. It was not possible to fund all proposals that were submitted.

In June I notified you of my recommendation that the Trustee Council not fund Project 02664/Retrospective Analysis of 30 Years of Seabird Distribution and Diet Data. The Council acted on the FY 2002 Work Plan on August 6, 2001. This letter is to inform you that the Council accepted my recommendation and did not fund your project for FY 02. A copy of the Council's action on your project is enclosed.

I appreciate your interest in the restoration program and hope you will consider submitting proposals in future years.

Sincerely,

Molly McCammon
Executive Director

Enclosure

cc: Dede Bohn, DOI-USGS Liaison

mm/pdb

*John -
I hope you're feeling
better. you've had us
worried. Keep in touch -
your input is invaluable.
M.*

TRUSTEE COUNCIL ACTION (8/6/01) / FY 02 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	TC Approve 8/6/01	Defer to December	FY03 Recom.	Sum FY 02-03
02664	Retrospective Analysis of 30 Years of Seabird Distribution and Diet Data	J. Piatt/USGS	DOI	New 1st yr. 3 yr. project	\$0.0	\$0.0	\$0.0	\$0.0
	<u>Project Abstract</u>	<u>Chief Scientist's Recommendation</u>				<u>Trustee Council Action</u>		
	Seabirds are excellent indicators of change in the marine environment. An enormous amount of data on the abundance, distribution and dietary habits 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 seabird 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.]	Since OCSEAP (Outer Continental Shelf Environmental Assessment Program) in the 1970s, there has been an enormous amount of data gathered on marine birds and diets. There is a need to integrate these databases and to analyze them to learn about the relationships among seabird numbers and distributions, diets, and oceanographic parameters and features. Such retrospective analysis may prove to be very important in the development of GEM, but is premature until the synthesis and research components of GEM are more well defined. The investigators for this project are superb, but the cost is high, and there are several administrative questions about the budget. Do not fund as proposed.				Do not fund. This proposal, which has broad significance for the Bering and Chukchi seas as well as for the northern Gulf of Alaska, would have been better received if it had significant cost-sharing from other entities. One future possibility is the North Pacific Research Board. In addition, the principal investigator has two overdue reports (00163/APEX chapter and 00510/seabird monitoring protocols). This is a very expensive project, and some aspects of the budget are unclear. This project would create two databases--one on seabird diet and one on pelagic distribution--through compilation of existing data, and perform retrospective analyses of relationships between seabirds and various oceanographic parameters. The <i>FY 02 Invitation</i> invited proposals to analyze and synthesize existing data sets and historical records, but this proposal may be premature until the synthesis and research components of GEM are more well defined.		

Exxon Valdez Oil Spill Trustee Council

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



August 9, 2001

Jerry Rusher
Rusher's Services
HC-33, Box 2866
Wasilla, AK 99687-9720

RE: Project 02662 / Natural Life Restoration by Manipulation
Project 02663 / "Watchdog Tool" for Sampling and Monitoring

Dear Mr. Rusher:

The Exxon Valdez Oil Spill Trustee Council received \$10.3 million in proposals for a Fiscal Year 2002 Work Plan of \$5 million. It was not possible to fund all proposals that were submitted.

In June I notified you of my recommendation that the Trustee Council not fund projects 02662/Natural Life Restoration by Manipulation and 02663/"Watchdog Tool" for Sampling and Monitoring. The Council acted on the FY 2002 Work Plan on August 6, 2001. This letter is to inform you that the Council accepted my recommendation and did not fund your projects for FY 02. A copy of the Council's action on your projects is enclosed.

I appreciate your interest in the restoration program and hope you will consider submitting proposals in future years.

Sincerely,

Molly McCammon
Executive Director

Enclosure

cc: Marianne See, ADEC Liaison

mm/pdb

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TRUSTEE COUNCIL ACTION (8/6/01) / FY 02 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	TC Approve 8/6/01	Defer to December	FY03 Recom.	Sum FY 02-03
02662	Natural Life Restoration by Manipulation	J. Rusher/Rusher's Services	ADEC	New 1st yr. 1 yr. project	\$0.0	\$0.0	\$0.0	\$0.0

Project Abstract

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 manipulation of worms could accelerate the degradation of oil.

Chief Scientist's Recommendation

This proposal does not describe a methodology for achieving project objectives, making proper evaluation impossible. Do not fund.

Trustee Council Action

Do not fund. This proposal is somewhat unclear and lacks a description of the methodology necessary for evaluating it.

TRUSTEE COUNCIL ACTION (8/6/01) / FY 02 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	TC Approve 8/6/01	Defer to December	FY03 Recom.	Sum FY 02-03
02663	"Watchdog Tool" for Sampling and Monitoring	J. Rusher/Rusher's Services	ADEC	New 1st yr. 1 yr. project	\$0.0	\$0.0	\$0.0	\$0.0

Project Abstract

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.

Chief Scientist's Recommendation

It is unclear as to what is being proposed (what is the watchdog tool?) and how the "tool" is being applied to meet the objectives of detecting oil that may be leaving sediments and its toxicity. Without a description of methodology, proper evaluation of the proposal is impossible. Do not fund.

Trustee Council Action

Do not fund. This proposal is unclear and lacks a description of the methodology necessary for evaluating it.

Exxon Valdez Oil Spill Trustee Council

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



August 9, 2001

F. Charles Mohr, PhD
Dept of Veterinary Pathology,
Microbiology & Immunology
School of Veterinary Medicine,
University of CA
Davis CA 95616

Jeffrey L. Stott, PhD
Dept of Veterinary Pathology,
Microbiology & Immunology
School of Veterinary Medicine,
Univ of CA
Davis, CA 95616

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

RE: Project 02657 / Analysis of Genomic Stress Response in Sea Otters

Dear Dr. Mohr, Dr. Stott, and Dr. Ballachey:

The Exxon Valdez Oil Spill Trustee Council received \$10.3 million in proposals for a Fiscal Year 2002 Work Plan of \$5 million. It was not possible to fund all proposals that were submitted.

In June I notified you of my recommendation that the Trustee Council not fund Project 02657/Analysis of Genomic Stress Response in Sea Otters. The Council acted on the FY 2002 Work Plan on August 6, 2001. This letter is to inform you that the Council accepted my recommendation and did not fund your project for FY 02. A copy of the Council's action on your project is enclosed.

I appreciate your interest in the restoration program and hope you will consider submitting proposals in future years.

Sincerely,

A handwritten signature in black ink that reads "Molly McCammon". The signature is fluid and cursive, with a long horizontal stroke at the end.

Molly McCammon
Executive Director

Enclosure

cc: Dede Bohn, DOI-USGS Liaison

mm/pdb

TRUSTEE COUNCIL ACTION (8/6/01) / FY 02 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	TC Approve 8/6/01	Defer to December	FY03 Recom.	Sum FY 02-03
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	\$0.0	\$0.0	\$0.0	\$0.0

Project Abstract

Chief Scientist's Recommendation

Trustee Council Action

In summer 2001, as part of Project 01423, sea otters will be captured in oiled and unoled 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.

This proposal would measure gene expression in peripheral blood mononuclear cells of sea otters from three sites in Prince William Sound, representing oiled and unoled (reference) areas. It is thought that differences in expression of the selected genes will indicate whether the continuing exposure to oil might be linked to health effects in those animals. The observations driving the studies are the elevated levels of CYP1A expression in sea otters from some areas, and the evidence suggesting lack of growth and/or "poor health" of sea otters from oiled areas. It is of some interest to the Trustee Council to determine if there are indications of low level chronic stress, including immune disorders, linked to continuing oil exposures in sea otters in western Prince William Sound. However, there is yet no proof of principle that the novel methods proposed here measure responses that are induced by oil exposure, although such information would be gathered during the course of the project. In addition, the technical approach is incompletely described, and it is uncertain if the molecular techniques for detecting immunological responses can be successfully carried out as proposed. Do not fund.

Do not fund. This project, which would use blood drawn from sea otters under Project 01423, is intended to determine whether continuing exposure to oil might be linked to health effects in those animals. However, the Chief Scientist has raised concerns about the proposed methods and whether the techniques can be successfully carried out as planned.

Exxon Valdez Oil Spill Trustee Council

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



August 9, 2001

Gail Irvine, PhD
USGS-BRD
1011 E Tudor Rd
Anchorage, AK 99503

Jeanne Schaaf
Lake Clark-Katmai Studies Center, NPS
4230 University Drive Suite 311
Anchorage, AK 99508

RE: Project 02656 / Retrospective Analysis of Nearshore Marine Communities
Based on Analysis of Archaeological Material and Isotopes

Dear Dr. Irvine and Ms. Schaaf:

The *Exxon Valdez* Oil Spill Trustee Council acted on the Fiscal Year 2002 Work Plan at its meeting on August 6, 2001. I am pleased to inform you that the Council approved funding in the amount of \$109,900 for Project 02656/Retrospective Analysis of Nearshore Marine Communities Based on Analysis of Archaeological Material and Isotopes. This includes \$99,300 in direct project funds and \$10,600 in agency administrative costs. A copy of the Council's action on your project is enclosed.

Before a project may begin, the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. We hope that for most projects this will occur before October 1, 2001. If so, you may receive authorization from the Executive Director to begin the FY 02 project on that date. Any delay in documenting compliance will delay start of the project. If you have any questions, please contact the Trustee Council liaison for your agency.

Projects approved for FY 02 are approved in the expectation that they will be funded to their completion. However, the Trustee Council will annually evaluate a project's future funding needs based on its progress or results to date, overall restoration needs, and restoration funding constraints. The future years' funding projection for your project (including agency administrative costs) is \$18,000 in FY 03; this will be reviewed again next year.

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Alaska Department of Law

Thank you for your participation in the *Exxon Valdez* oil spill restoration program. We appreciate your continued interest, and look forward to working with you this coming year.

Sincerely,

A handwritten signature in black ink that reads "Molly McCammon". The signature is written in a cursive style with a large, looping initial "M".

Molly McCammon
Executive Director

Enclosure

cc: Dede Bohn, DOI-USGS Liaison

mm/pdb

TRU E COUNCIL ACTION (8/6/01) / FY 02 WORL .AN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	TC Approve 8/6/01	Defer to December	FY03 Recom.	Sum FY 02-03
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	\$109.9	\$0.0	\$18.0	\$127.9
	<u>Project Abstract</u>	<u>Chief Scientist's Recommendation</u>				<u>Trustee Council Action</u>		
	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.	This project has great potential to examine one measure of marine productivity over the past 6,000 years and to compare this data with recently published work on sockeye salmon populations over a similar period. The principal investigators are well qualified and have written a creditable proposal. Fund revised proposal, which successfully addresses the issues of interpretation of stratigraphy raised by the reviewers, and provides more information on the credentials and publication record of the principal investigators in paleoclimatology and paleoceanographic studies.				Fund revised proposal, which addresses the Chief Scientist's concerns (interpretation of stratigraphy and investigators' credentials in paleoclimatology and paleoceanographic studies). This project is designed to improve understanding of long-term change in nearshore marine communities and investigate the relationship between productivity and climate. It is responsive to the <i>FY 02 Invitation</i> , which invited proposals to analyze and synthesize existing data sets and historical records.		

Exxon Valdez Oil Spill Trustee Council

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



August 9, 2001

Dovalee Dorsett
Baylor University,
Dept of Info Systems
PO Box 98005
Waco, TX 76708

RE: Project 02648-BAA / Cost Effective Data Acquisition Using Adaptive
Sampling and Combining Information Strategies

Dear Ms. Dorsett:

The *Exxon Valdez* Oil Spill Trustee Council received \$10.3 million in proposals for a Fiscal Year 2002 Work Plan of \$5 million. It was not possible to fund all proposals that were submitted.

In June I notified you of my recommendation that the Trustee Council not fund Project 02648/Cost Effective Data Acquisition Using Adaptive Sampling and Combining Information Strategies. The Council acted on the FY 2002 Work Plan on August 6, 2001. This letter is to inform you that the Council accepted my recommendation and did not fund your project for FY 02. A copy of the Council's action on your project is enclosed.

I appreciate your interest in the restoration program and hope you will consider submitting proposals in future years.

Sincerely,

Molly McCammon
Executive Director

Enclosure

cc: Stacy Masters, NOAA
Sharon Kent, NOAA Contracting

TRUSTEE COUNCIL ACTION (8/6/01) / FY 02 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	TC Approve 8/6/01	Defer to December	FY03 Recom.	Sum FY 02-03
02648-BAA	Cost Effective Data Acquisition Using Adaptive Sampling and Combining Information Strategies	D. Dorsett/Baylor Univ.	NOAA	New 1st yr. 2 yr. project	\$0.0	\$0.0	\$0.0	\$0.0
	<u>Project Abstract</u>	<u>Chief Scientist's Recommendation</u>	<u>Trustee Council Action</u>					
	This project will analyze data acquired in a pilot study of adaptive sampling by FOCl 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.	The implementation of a statistically sound adaptive sampling protocol for much of the GEM research should be a top priority. An analysis of adaptive sampling that produces overall principles of how this method could be useful in GEM would be extremely valuable. The present proposal is too specifically focused to be useful for GEM, and lacks the methodological detail to be properly evaluated. Do not fund, but consider revised proposal in FY 03.	Do not fund. However, the proposer is encouraged to resubmit a proposal for consideration in FY 03 that addresses the Chief Scientist's concerns (with a focus more appropriate for GEM and additional methodological detail). In general, an analysis of adaptive sampling, in which the procedure for selecting sample sites and allocating sampling effort depends on data collected during the survey, and how this method could be useful in GEM, would be very worthwhile.					

Exxon Valdez Oil Spill Trustee Council

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



August 9, 2001

Gayle Hansen, PhD
OSU, Hatfield Marine Science Ctr.
2030 S. Marine Science Dr.
Newport, OR 97365

Michael Stekoll, PhD
School of Fisheries & Ocean Sciences
11120 Glacier Hwy
Juneau, AK 99801

RE: Project 02646-BAA/Information Dissemination through the Web: Developing an Interactive Database on Southcentral Alaskan Seaweeds

Dear Dr. Hansen and Dr. Stekoll:

The *Exxon Valdez* Oil Spill Trustee Council received \$10.3 million in proposals for a Fiscal Year 2002 Work Plan of \$5 million. It was not possible to fund all proposals that were submitted.

In June I notified you of my recommendation that the Trustee Council not fund Project 02646/Information Dissemination through the Web: Developing an Interactive Database on Southcentral Alaskan Seaweeds. The Council acted on the FY 2002 Work Plan on August 6, 2001. This letter is to inform you that the Council accepted my recommendation and did not fund your project for FY 02. A copy of the Council's action on your project is enclosed.

I appreciate your interest in the restoration program and hope you will consider submitting proposals in future years.

Sincerely,

Molly McCammon
Executive Director

Enclosure

cc: Stacy Masters, NOAA
Sharon Kent, NOAA Contracting

TRUSTEE COUNCIL ACTION (8/6/01) / FY 02 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	TC Approve 8/6/01	Defer to December	FY03 Recom.	Sum FY 02-03
02646-BAA	Information Dissemination through the Web: Developing an Interactive Database on Southcentral Alaskan Seaweeds	G. Hansen/OSU, M. Stekoll/UAS	NOAA	New 1st yr. 3 yr. project	\$0.0	\$0.0	\$0.0	\$0.0
	<u>Project Abstract</u>	<u>Chief Scientist's Recommendation</u>				<u>Trustee Council Action</u>		
	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 \$26,900 for FY 04.]	This proposal from a qualified principal investigator to develop a web-based atlas of seaweeds of Alaska does not make a compelling case for contributing to restoration objectives. The past commitment to supporting publications of checklists and species descriptions for marine algae should suffice to form a record against which subsequent ecological change can be assessed. This type of product may be relevant to GEM in the future, but making commitments to a web-based atlas at this time seems premature. Do not fund.				Do not fund based on Chief Scientist's recommendation. The Trustee Council supported these proposers in FY 01 (Project 01551) to prepare a manuscript on the occurrence and distribution of marine microalgae in the spill area, based on 7,300 specimens from Project CH1A/Coastal Habitat Damage Assessment. The manuscript, which will consist of checklists and species descriptions, should form an adequate record for assessing ecological change, and that a web-based atlas is not a priority at this time.		

Exxon Valdez Oil Spill Trustee Council

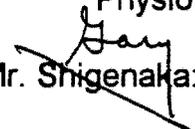
645 G Street, Suite 401, Anchorage, AK 99501-3451 907/278-8012 fax:907/276-7178



August 9, 2001

Gary Shigenaka
NOAA-NOS,
HAZMAT/BAT, BIN C157007600
Sand Point Way, NE, Bldg 4
Seattle, WA 98115-6349

RE: Project 02644 / Molecular Biomarkers as a New Technique for Assessing
Physiological Contaminant Stress

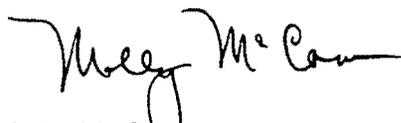

Dear Mr. Shigenaka:

The Exxon Valdez Oil Spill Trustee Council received \$10.3 million in proposals for a Fiscal Year 2002 Work Plan of \$5 million. It was not possible to fund all proposals that were submitted.

In June I notified you of my recommendation that the Trustee Council not fund Project 02644/Molecular Biomarkers as a New Technique for Assessing Physiological Contaminant Stress. The Council acted on the FY 2002 Work Plan on August 6, 2001. This letter is to inform you that the Council accepted my recommendation and did not fund your project for FY 02. A copy of the Council's action on your project is enclosed.

I appreciate your interest in the restoration program and hope you will consider submitting proposals in future years.

Sincerely,



Molly McCammon
Executive Director

Enclosure

cc: Stacy Masters, NOAA

mm/pdb

TRUSTEE COUNCIL ACTION (8/6/01) / FY 02 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	TC Approve 8/6/01	Defer to December	FY03 Recom.	Sum FY 02-03
02644	Molecular Biomarkers as a New Technique for Assessing Physiological Contaminant Stress	G. Shigenaka/NOAA HAZMAT	NOAA	New 1st yr. 1 yr. project	\$0.0	\$0.0	\$0.0	\$0.0

Project Abstract

This project has two primary objectives: (a) 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 (b) 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.

Chief Scientist's Recommendation

This proposal would use state-of-the-art methods to detect effects of contaminants. However, the presentation of the measures proposed to detect contaminant stress provide little to justify the large list of markers or the means to evaluate changes in them. Do not fund.

Trustee Council Action

Do not fund. The Chief Scientist raised technical concerns about this project, which would focus and refine validation of DMBS (Downs Molecular Biomarker System) analysis as a tool to detect effects of contaminants.

Exxon Valdez Oil Spill Trustee Council

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



August 9, 2001

Paul R. Becker, PhD
NIST Charleston Laboratory
219 Fort Johnson Rd.
Charleston, SC 29412-9110

RE: Project 02643 / Design of the Environmental Specimen Bank Program for GEM

Dear Dr. Becker:

The *Exxon Valdez* Oil Spill Trustee Council received \$10.3 million in proposals for a Fiscal Year 2002 Work Plan of \$5 million. It was not possible to fund all proposals that were submitted.

In June I notified you of my recommendation that the Trustee Council not fund Project 02643/Design of the Environmental Specimen Bank Program for GEM. The Council acted on the FY 2002 Work Plan on August 6, 2001. This letter is to inform you that the Council accepted my recommendation and did not fund your project for FY 02. A copy of the Council's action on your project is enclosed.

I appreciate your interest in the restoration program and hope you will consider submitting proposals in future years.

Sincerely,

Molly McCann
Executive Director

Enclosure

cc: Dede Bohn, DOI-USGS Liaison

mm/pdb

TRUSTEE COUNCIL ACTION (8/6/01) / FY 02 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	TC Approve 8/6/01	Defer to December	FY03 Recom.	Sum FY 02-03
02643	Design of the Environmental Specimen Bank Program for GEM	P. Becker/NIST	DOI	New 1st yr. 1 yr. project	\$0.0	\$0.0	\$0.0	\$0.0
	<u>Project Abstract</u>	<u>Chief Scientist's Recommendation</u>				<u>Trustee Council Action</u>		
	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.	The project offers a means to systematically develop a community-based contaminants monitoring network that may be of interest to GEM. The project team is highly qualified. At this stage of GEM planning it is not possible to determine if the scope of the proposal is appropriate. Do not fund.				Do not fund. This project would design a specimen bank for GEM, and make recommendations on specimen types, collection and banking protocols, facility requirements, tracking databases, access policy, and annual costs. This may be a worthwhile task, but at this stage of GEM planning the proposal is premature. Any efforts in this regard in the future should be coordinated with the joint state/federal/Alaska Native Wild and Traditional Foods Safety Committee.		

Exxon Valdez Oil Spill Trustee Council

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



August 9, 2001

Alexander Kotlarov
AMT
PO Box 33884
Juneau, AK 99803

RE: Project 02640 / High Frequency Surface Wave Radar Test in Prince William Sound

Dear Mr. Kotlarov:

The *Exxon Valdez* Oil Spill Trustee Council received \$10.3 million in proposals for a Fiscal Year 2002 Work Plan of \$5 million. It was not possible to fund all proposals that were submitted.

In June I notified you of my recommendation that the Trustee Council not fund Project 02640/ High Frequency Surface Wave Radar Test in Prince William Sound . The Council acted on the FY 2002 Work Plan on August 6, 2001. This letter is to inform you that the Council accepted my recommendation and did not fund your project for FY 02. A copy of the Council's action on your project is enclosed.

I appreciate your interest in the restoration program and hope you will consider submitting proposals in future years.

Sincerely,

Molly McCammon
Executive Director

Enclosure

cc: Stacy Masters, NOAA

mrm/pdb

TRUSTEE COUNCIL ACTION (8/6/01) / FY 02 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	TC Approve 8/6/01	Defer to December	FY03 Recom.	Sum FY 02-03
02640	High Frequency Surface Wave Radar Test in Prince William Sound	A. Kotlarov/Alaska Marine Technology Corp.	NOAA	New 1st yr. 2 yr. project	\$0.0	\$0.0	\$0.0	\$0.0
	<u>Project Abstract</u>	<u>Chief Scientist's Recommendation</u>					<u>Trustee Council Action</u>	
	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.	While new radar techniques such as this might be useful, until a clearer need for these data is demonstrated the linkage of this proposal to restoration objectives is weak. There are many technical issues that are not addressed in the proposal. Do not fund.					Do not fund. This proposal, which would deploy a short-range, high-frequency surface wave radar system to provide data about ocean surface currents in Prince William Sound, does not demonstrate the need for these data. In addition, the Chief Scientist has expressed concern that the proposal does not address a number of technical issues.	

Exxon Valdez Oil Spill Trustee Council

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



August 9, 2001

Thomas C. Tougas
Alaska SeaLife Center
P.O. Box 1329
Seward, AK 99664

Tylan C. Schrock
Alaska SeaLife Center
P.O. Box 1329
Seward, AK 99664

Dear Tom and Tylan:

Thank you so much for your letter and the gift certificate for a membership to the Alaska SeaLife Center. You can be assured that these will be well used. I am sorry I was not able to attend the Appreciation Dinner. As you know, I had fully planned to, but was called down to California unexpectedly for a family emergency. My mother has been diagnosed with advanced cancer, and so, I'll be spending quite a bit of time in the next few months going back and forth.

I am so pleased that the center is now on a firm financial footing. With your leadership, I know that it will keep growing stronger. I have always been a big supporter of what the SeaLife Center can do for Alaska. Please consider that an offer to help in any way I can in the future. Again, thanks for your letter and the certificate.

Sincerely,

Molly McCammon
Executive Director

mmv/pdb

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Exxon Valdez Oil Spill Trustee Council

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



MEMORANDUM

TO: Kevin Brooks, Director
Division of Administrative Services
Alaska Department of Fish and Game

FROM: ~~Molly McCarron~~
Molly McCarron
Executive Director

RE: Delegation of Authority Regarding Out-of-State Travel

DATE: August 9, 2001

The purpose of this memo is to delegate to Sandra Schubert, during my absence from the office, my signature authority for out-of-state travel. Ms. Schubert is the Project Coordinator for the EVOS Trustee Council.

Exxon Valdez Oil Spill Trustee Council

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



August 8, 2001

William Hauser, PhD
ADF&G
333 Raspberry Rd
Anchorage, AK 99518

RE: Project 02612 / Detecting and Understanding Marine-Terrestrial Linkages
in the Kenai River Watershed

Bill
Dear Dr. Hauser:

The Exxon Valdez Oil Spill Trustee Council acted on the Fiscal Year 2002 Work Plan at its meeting on August 6, 2001. I am pleased to inform you that the Council approved funding in the amount of \$44,600 for Project 02612/Detecting and Understanding Marine-Terrestrial Linkages in the Kenai River Watershed. This includes \$41,500 in direct project funds and \$3,100 in ADF&G administrative costs. A copy of the Council's action on your project is enclosed. Please note that FY 02 is expected to be the only year of Council support for Project 02612.

Before a project may begin, the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. We hope that for most projects this will occur before October 1, 2001. If so, you may receive authorization from the Executive Director to begin the FY 02 project on that date. Any delay in documenting compliance will delay start of the project. If you have any questions, please contact the Trustee Council liaison for your agency.

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Alaska Department of Law

Thank you for your participation in the *Exxon Valdez* oil spill restoration program. We appreciate your continued interest, and look forward to working with you this coming year.

Sincerely,

A handwritten signature in black ink that reads "Molly McCammon". The signature is written in a cursive style with a long, sweeping underline.

Molly McCammon
Executive Director

Enclosure

mm/pdb

TRUS : COUNCIL ACTION (8/6/01) / FY 02 WORK IN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	TC Approve 8/6/01	Defer to December	FY03 Recom.	Sum FY 02-03
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	\$0.0	\$44.6
	<u>Project Abstract</u>	<u>Chief Scientist's Recommendation</u>					<u>Trustee Council Action</u>	
	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.	This project will develop the basis for monitoring inputs of marine nutrients in watersheds adjacent to the Gulf of Alaska. Therefore, it should aid future GEM activities. The project has substantial scientific potential, as well as scientific support and financial participation by concerned agencies and organizations in the region. This is a community based monitoring effort with substantial community cost sharing. Fund revised proposal, which provides a more thorough explanation of the scientific framework and rationale for the project in relation to GEM.					Fund revised proposal, which provides a more thorough explanation of the scientific basis for the project and presents the scientific framework in the context of the GEM conceptual model. This project, which is the outgrowth of a multidisciplinary discussion group on the Kenai River watershed, is designed to increase understanding of food-web dynamics in the watershed and the role of marine derived nutrients in the ecosystem.	

Exxon Valdez Oil Spill Trustee Council

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



August 8, 2001

Teresa L. Schneider
KIBSD Central Office
722 Mill Bay Rd
Kodiak, AK 99615

RE: Project 02610 / Kodiak Archipelago Youth Area Watch

Dear Ms. Schneider:

The *Exxon Valdez* Oil Spill Trustee Council acted on the Fiscal Year 2002 Work Plan at its meeting on August 6, 2001. I am pleased to inform you that the Council approved funding in the amount of \$61,800 for Project 02610/Kodiak Archipelago Youth Area Watch. This includes \$57,800 in direct project funds and \$4,000 in ADF&G administrative costs. A copy of the Council's action on your project is enclosed.

Please note that, although FY 02 was expected to be the final year of Council support for Project 02610, it is the type of community effort that might be appropriate under the Council's long-term monitoring program, which will begin in FY 03.

Before a project may begin, the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. The lead agency must also execute a contract or Reimbursable Services Agreement with you. We hope that for most projects this will occur before October 1, 2001. If so, you may receive authorization from the Executive Director to begin the FY 02 project on that date. Any delay in documenting compliance will delay start of the project. If you have any questions, please contact the Trustee Council liaison for your agency.

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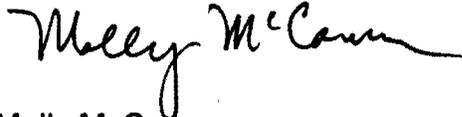
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Thank you for your participation in the *Exxon Valdez* oil spill restoration program. We appreciate your continued interest, and look forward to working with you this coming year.

Sincerely,

A handwritten signature in black ink that reads "Molly McCammon". The signature is fluid and cursive, with a long horizontal flourish extending to the right.

Molly McCammon
Executive Director

Enclosure

cc: Bill Hauser, ADF&G Liaison

mm/pdb

TRU E COUNCIL ACTION (8/6/01) / FY 02 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	TC Approve 8/6/01	Defer to December	FY03 Recom.	Sum FY 02-03
02610	Kodiak Archipelago Youth Area Watch	T. Schneider/Kodiak Island Borough School District	ADFG	Cont'd 3rd yr.	\$61.8	\$0.0		\$61.8

Project Abstract

Chief Scientist's Recommendation

Trustee Council Action

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 Kodiak School District oral history magazine. Participation of Youth Area Watch adults and students in the annual Academy of Elders/Science Camp will be strongly encouraged. 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.

This is a popular and successful program to involve the youth of Kodiak Island in the restoration program. The project is in its third and final year, although funding is requested for FY 03. The success of students from this program in the regional Kodiak Science Fair is admirable and attests to the value of this program. Fund revised proposal, which reduces the Trustee Council contribution to the project.

Fund revised proposal, which reduces the amount of the Trustee Council contribution and clarifies in which EVOS projects the students will participate in FY 02. As with the Prince William Sound Youth Area Watch (Project V210), on which this project is modeled, Council funding is but a contribution to the program and strong financial support from the school district and/or other funding sources is required. This project is designed to involve local youth in restoration projects. FY 02 was expected to be the final year of Council support, but this might be the type of community effort that is appropriate under GEM.

Exxon Valdez Oil Spill Trustee Council

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



August 8, 2001

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

RE: Project 02608 / Permanent Archiving of Specimens Collected in
Nearshore Habitats

Dear Ms. Foster:

The *Exxon Valdez* Oil Spill Trustee Council acted on the Fiscal Year 2002 Work Plan at its meeting on August 6, 2001. I am pleased to inform you that the Council approved funding in the amount of \$61,600 for Project 02608/Permanent Archiving of Specimens Collected in Nearshore Habitats. This includes \$46,000 in direct project funds, \$12,000 in University indirect, and \$4,000 in ADF&G administrative costs. A copy of the Council's action on your project is enclosed. Please note that FY 02 is expected to be the only year of Council support for Project 02608.

Before a project may begin, the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. The lead agency must also execute a contract or Reimbursable Services Agreement with you. We hope that for most projects this will occur before October 1, 2001. If so, you may receive authorization from the Executive Director to begin the FY 02 project on that date. Any delay in documenting compliance will delay start of the project. If you have any questions, please contact the Trustee Council liaison for your agency.

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Alaska Department of Law

Thank you for your participation in the *Exxon Valdez* oil spill restoration program. We appreciate your continued interest, and look forward to working with you this coming year.

Sincerely,

A handwritten signature in black ink that reads "Molly McCammon". The signature is fluid and cursive, with the first name "Molly" and last name "McCammon" clearly legible.

Molly McCammon
Executive Director

Enclosure

cc: Bill Hauser, ADF&G Liaison

mm/pdb

TRUSTEE COUNCIL ACTION (8/6/01) / FY 02 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	TC Approve 8/6/01	Defer to December	FY03 Recom.	Sum FY 02-03
02608	Permanent Archiving of Specimens Collected in Nearshore Habitats	N. Foster/UAF	ADFG	New 1st yr. 1 yr. project	\$61.6	\$0.0	\$0.0	\$61.6

Project Abstract

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

Chief Scientist's Recommendation

Archiving these specimens will make them accessible to the scientific community and others, which might be useful for GEM. The nearshore/subtidal specimens are of a higher priority. Fund revised proposal, which limits activity to nearshore/subtidal specimens only.

Trustee Council Action

Fund revised proposal, which limits the project's scope to the archiving of nearshore/subtidal specimens only and clarifies the University's commitment to long-term maintenance of the specimens. This project addresses a worthwhile endeavor, which is archiving specimens from Project CH1A (Coastal Habitat Damage Assessment) at the University of Alaska Museum. The archives could serve an important reference function for GEM as well as provide a useful public service.

Exxon Valdez Oil Spill Trustee Council

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



August 8, 2001

William R. Bechtol
ADFG
3298 Douglas Place
Homer, AK 99603

RE: Project 02604 / Gear Selectivity in Trawl Surveys along the Northern Gulf of Alaska

Dear Mr. ~~Bechtol~~^{Bill}:

The Exxon Valdez Oil Spill Trustee Council received \$10.3 million in proposals for a Fiscal Year 2002 Work Plan of \$5 million. It was not possible to fund all proposals that were submitted.

In June I notified you of my recommendation that the Trustee Council not fund Project 02604/ Gear Selectivity in Trawl Surveys along the Northern Gulf of Alaska. The Council acted on the FY 2002 Work Plan on August 6, 2001. This letter is to inform you that the Council accepted my recommendation and did not fund your project for FY 02. A copy of the Council's action on your project is enclosed.

I appreciate your interest in the restoration program and hope you will consider submitting proposals in future years.

Sincerely,

Molly McCammon
Executive Director

Enclosure

cc: Bill Hauser, ADF&G Liaison

mm/pdb

TRUSTEE COUNCIL ACTION (8/6/01) / FY 02 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	TC Approve 8/6/01	Defer to December	FY03 Recom.	Sum FY 02-03
02604	Gear Selectivity in Trawl Surveys along the Northern Gulf of Alaska	W. Bechtol/ADFG	ADFG	New 1st yr. 2 yr. project	\$0.0	\$0.0	\$0.0	\$0.0

Project Abstract

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.

Chief Scientist's Recommendation

This proposal identifies an important issue, gear selectivity, but there is substantial disagreement among experts on the methodological problems associated with comparative selectivity studies. This suggests that the results from the study would not be definitive. Do not fund.

Trustee Council Action

Do not fund. This project would compare small-mesh and large-mesh trawl surveys to determine relative catchabilities of these two bottom trawl designs in regard to monitoring techniques for forage fish. However, due to methodological concerns associated with comparative selectivity studies, funding is not recommended.

Exxon Valdez Oil Spill Trustee Council

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



August 8, 2001

Thomas C. Kline, Jr., PhD
PWS Science Center
PO Box 705
Cordova, AK 99574

RE: Project 02601-BAA / GEM Transition: Addressing Methodological Data Gaps

Dear Dr. ~~Kline~~ Tom:

The Exxon Valdez Oil Spill Trustee Council received \$10.3 million in proposals for a Fiscal Year 2002 Work Plan of \$5 million. It was not possible to fund all proposals that were submitted.

In June I notified you of my recommendation that the Trustee Council not fund Project 02601/GEM Transition: Addressing Methodological Data Gaps. The Council acted on the FY 2002 Work Plan on August 6, 2001. This letter is to inform you that the Council accepted my recommendation and did not fund your project for FY 02. A copy of the Council's action on your project is enclosed.

I appreciate your interest in the restoration program and hope you will consider submitting proposals in future years.

Sincerely,

Molly McCammon
Executive Director

Enclosure

cc: Stacy Masters, NOAA
Sharon Kent, NOAA Contracting

mm/pdb

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TRUSTEE COUNCIL ACTION (8/6/01) / FY 02 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	TC Approve 8/6/01	Defer to December	FY03 Recom.	Sum FY 02-03
02601-BAA	GEM Transition: Addressing Methodological Data Gaps	T. Kline/ PWSSC	NOAA	New 1st yr. 2 yr. project	\$0.0	\$0.0	\$0.0	\$0.0
	<u>Project Abstract</u>	<u>Chief Scientist's Recommendation</u>				<u>Trustee Council Action</u>		
	Recent research using natural stable isotope abundance has shown that the advective regime connecting the northern Gulf of Alaska 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 (Global Ocean Ecosystem Dynamics) and OSRI (Oil Spill Recovery Institute) sampling platforms. This study will (a) address inter-species isotope effects among macro-zooplankton taxa and (b) develop non-lethal isotope sampling for fishes.	This proposal would explore the application of natural stable isotope abundance data to establish spatial and temporal changes in macrozooplankton trophic level. The investigations would complement current work being carried out in the GLOBEC (Global Ocean Ecosystem Dynamics) program by the principal investigator. The investigator is well qualified with a reasonable publication record in the restoration program. Although trophic level shifts in macrozooplankton may indicate basic changes in ocean productivity, it is not certain that monitoring of this indicator will occur in GEM. Proposal is premature. Do not fund.				Do not fund based on Chief Scientist's recommendation. Although trophic level shifts in macrozooplankton may indicate basic changes in ocean productivity, it is not certain that this indicator will be monitored under GEM. This proposal is premature until GEM is further developed.		

Exxon Valdez Oil Spill Trustee Council

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



August 8, 2001

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

RE: Project 02597-BAA / Ocean Color Time Series of Prince William Sound

Dear Dr. Pegau:

The *Exxon Valdez* Oil Spill Trustee Council received \$10.3 million in proposals for a Fiscal Year 2002 Work Plan of \$5 million. It was not possible to fund all proposals that were submitted.

In June I notified you of my recommendation that the Trustee Council not fund Project 02597/Ocean Color Time Series of Prince William Sound. The Council acted on the FY 2002 Work Plan on August 6, 2001. This letter is to inform you that the Council accepted my recommendation and did not fund your project for FY 02. A copy of the Council's action on your project is enclosed.

I appreciate your interest in the restoration program and hope you will consider submitting proposals in future years.

Sincerely,

Molly McCammon
Executive Director

Enclosure

cc: Stacy Masters, NOAA
Sharon Kent, NOAA Contracting

mrm/pdb

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TRUSTEE COUNCIL ACTION (8/6/01) / FY 02 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	TC Approve 8/6/01	Defer to December	FY03 Recom.	Sum FY 02-03
02597-BAA	Ocean Color Time Series of Prince William Sound	S. Pegau/ OSU	NOAA	New 1st yr. 1 yr. project	\$0.0	\$0.0	\$0.0	\$0.0

Project Abstract

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 (Sea-viewing Wide Field-of-view Sensor) 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 1 km resolution. The possibility of adding CZCS (Coastal Zone Colour Scanner) and OCTS (Ocean Color and Temperature Scanner) 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.

Chief Scientist's Recommendation

This is a good proposal in both methods and objectives, but it does not carry the burden of proof regarding what kinds of research would be enabled by having the SeaWiFS (Sea-viewing Wide Field-of-view Sensor) data on a finer spatial resolution (1 km vs. the 10 km currently available). The proposal is poorly coordinated with regional scientists and programs, and premature in terms of GEM implementation. Do not fund.

Trustee Council Action

Do not fund. This project would create and maintain a time-series database of 1-km resolution SeaWiFS ocean color products for the Gulf of Alaska. The Chief Scientist has questioned whether this degree of resolution is necessary. In addition, the project is premature in terms of GEM implementation.

Exxon Valdez Oil Spill Trustee Council

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



August 8, 2001

Stephen Jewett, PhD
UAF/IMS
PO Box 757140
Fairbanks, AK 99775-7140

RE: Project 02593 / River Otters and Fishes in the Nearshore Environment: A Synthesis

Dear Dr. Jewett:

The Exxon Valdez Oil Spill Trustee Council acted on the Fiscal Year 2002 Work Plan at its meeting on August 6, 2001. I am pleased to inform you that the Council approved funding in the amount of \$32,400 for Project 02593/River Otters and Fishes in the Nearshore Environment: A Synthesis. This includes \$24,200 in direct project funds, \$6,100 in University indirect, and \$2,100 in ADF&G administrative costs. A copy of the Council's action on your project is enclosed. Please note that FY 02 is expected to be the only year of Council support for Project 02593.

Before a project may begin, the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. The lead agency must also execute a contract or Reimbursable Services Agreement with you. We hope that for most projects this will occur before October 1, 2001. If so, you may receive authorization from the Executive Director to begin the FY 02 project on that date. Any delay in documenting compliance will delay start of the project. If you have any questions, please contact the Trustee Council liaison for your agency.

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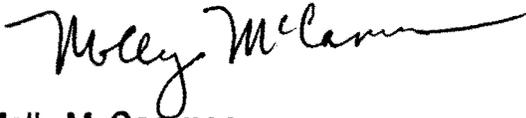
U.S. Department of the Interior
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Thank you for your participation in the *Exxon Valdez* oil spill restoration program. We appreciate your continued interest, and look forward to working with you this coming year.

Sincerely,

A handwritten signature in black ink that reads "Molly McCammon". The signature is fluid and cursive, with a long horizontal flourish extending to the right.

Molly McCammon
Executive Director

Enclosure

cc: Bill Hauser, ADF&G Liaison

mm/pdb

TRUS : COUNCIL ACTION (8/6/01) / FY 02 WORK IN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	TC Approve 8/6/01	Defer to December	FY03 Recom.	Sum FY 02-03
02593	River Otters and Fishes in the Nearshore Environment: A Synthesis	S. Jewett/UAF	ADFG	New 1st yr. 1 yr. project	\$32.4	\$0.0	\$0.0	\$32.4
	<u>Project Abstract</u>	<u>Chief Scientist's Recommendation</u>					<u>Trustee Council Action</u>	
	This project will integrate data collected on river otters and fishes in Prince William Sound through efforts of the NVP/025 (Nearshore Vertebrate Predator), APEX/163 (Alaska Predator Ecosystem Experiment), and SEA/320 (Sound Ecosystem Assessment) 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 evaluate the relation between the spatial and temporal distribution of fishes and those of river otter groups.	This is an innovative and thoughtful proposal by investigators with a proven track record of studying this species and system. The proposal is well conceived and well written. This project could possibly provide an alternative explanation for phenomena previously observed and attributed to the spill, as well as make a contribution towards understanding how the environment affects behavior of river otters. Fund revised proposal, which focuses on the manuscript on river otter sociality only.					Fund revised proposal, which reduces the scope to manuscript #1 only (forage fishes and river otter sociality). This project will draw on data collected through earlier Trustee Council funded projects (025/Nearshore Vertebrate Predator, 163/Alaska Predator Ecosystem Experiment, 320/Sound Ecosystem Assessment, 348/Responses of River Otters to Oil Contamination).	

Exxon Valdez Oil Spill Trustee Council

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



August 8, 2001

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

RE: Project 02589-BAA / PWSRCAC - EVOS Long Term Environmental Monitoring Program

John
Dear Dr. Devens:

The Exxon Valdez Oil Spill Trustee Council received \$10.3 million in proposals for a Fiscal Year 2002 Work Plan of \$5 million. It was not possible to fund all proposals that were submitted.

In June I notified you of my recommendation that the Trustee Council not fund Project 02589/PWSRCAC - EVOS Long Term Environmental Monitoring Program. The Council acted on the FY 2002 Work Plan on August 6, 2001. This letter is to inform you that the Council accepted my recommendation and did not fund your project for FY 02. A copy of the Council's action on your project is enclosed.

I appreciate your interest in the restoration program and hope you will consider submitting proposals in future years.

Sincerely,

Molly McCammon
Executive Director

Enclosure

cc: Stacy Masters, NOAA
Sharon Kent, NOAA Contracting

mm/pdb

*Although this proposal was premature in our process, let's keep talking.
Molly*

TRUSTEE COUNCIL ACTION (8/6/01) / FY 02 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	TC Approve 8/6/01	Defer to December	FY03 Recom.	Sum FY 02-03
02589-BAA	PWSRCAC - EVOS Long Term Environmental Monitoring Program	J. Devens/ PWSRCAC	NOAA	New 1st yr.	\$0.0	\$0.0	\$0.0	\$0.0
	<u>Project Abstract</u>	<u>Chief Scientist's Recommendation</u>	<u>Trustee Council Action</u>					
	This project will provide essential long-term baseline measurements of hydrocarbon levels and sources 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 (PWSRCAC).	The partnership proposed in this project may make sense as we move into GEM. However, the proposal is premature because the scope of GEM activities (ecosystem components to be measured, contaminants of interest, where to measure and when) has not been defined. In addition, there are questions of cost effectiveness, integration of collection activities with other GEM components, whether annual collections are required, and the ultimate questions to be addressed by the monitoring. Do not fund.	Do not fund. This project would expand the Prince William Sound Regional Citizens' Advisory Council (PWSRCAC) program of long-term sampling of hydrocarbon levels to additional sites and from mussels only to sediments also. While a partnership with the PWSRCAC may be desirable under GEM, this proposal is premature until GEM is further developed.					

Exxon Valdez Oil Spill Trustee Council

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



August 8, 2001

Shana Loshbaugh
PO Box 1165
Soldotna, AK 99669

RE: Project 02570 / Book on EVOS Science for General Readers

Dear Ms. Loshbaugh:

The *Exxon Valdez* Oil Spill Trustee Council received \$10.3 million in proposals for a Fiscal Year 2002 Work Plan of \$5 million. It was not possible to fund all proposals that were submitted.

In June I notified you of my recommendation that the Trustee Council not fund Project 02570/Book on EVOS Science for General Readers. The Council acted on the FY 2002 Work Plan on August 6, 2001. This letter is to inform you that the Council accepted my recommendation and did not fund your project for FY 02. A copy of the Council's action on your project is enclosed.

I appreciate your interest in the restoration program and hope you will consider submitting proposals in future years.

Sincerely,

A handwritten signature in black ink, appearing to read 'Molly McCammon'. The signature is fluid and cursive.

Molly McCammon
Executive Director

Enclosure

cc: Bill Hauser, ADF&G Liaison

mm/pdb

TRUSTEE COUNCIL ACTION (8/6/01) / FY 02 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	TC Approve 8/6/01	Defer to December	FY03 Recom.	Sum FY 02-03
02570	Book on EVOS Science for General Readers	S. Loshbaugh/Freelance Writing	ADFG	New 1st yr. 1 yr. project	\$0.0	\$0.0	\$0.0	\$0.0
	<u>Project Abstract</u>	<u>Chief Scientist's Recommendation</u>				<u>Trustee Council Action</u>		
	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.	The proposer, who has a science background and considerable experience in journalism, has invested considerable effort in outlining a book on the EVOS experience and restoration science program. Such a book could help bring closure to the oil spill experience and restoration program, which would be helpful and timely. However, the scope of the book is overly broad--for example, mixing spill response and restoration science--and the timetable is unrealistically short. Also, the budget does not anticipate any costs for subsidizing publication, which seems likely unless the author can interest a major publisher in this account. This project overlaps substantially with Project /535 (EVOS Final Report) already funded by the Trustee Council, and much of the need for the research proposed here could be short-circuited by waiting for more technical syntheses on the restoration program to be completed. Do not fund.				Do not fund. Although this proposal is much improved over the version submitted last year (a detailed outline and a draft of the opening pages of the book have been included), the proposed contents overlap substantially with the Trustee Council final report being prepared under Project /535. The part that does not overlap is the scientific synthesis, which might be better handled by more experienced scientific writers. Such a proposal (Project /600) is also under consideration by the Council.		

Exxon Valdez Oil Spill Trustee Council

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



August 8, 2001

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

RE: Project 02561 / Evaluating the Feasibility of Developing a Community-
Based Forage Fish Sampling Project for GEM

Dear Mr. ~~Roseneau~~ ^{Dave}:

The Exxon Valdez Oil Spill Trustee Council acted on the Fiscal Year 2002 Work Plan at its meeting on August 6, 2001. I am pleased to inform you that the Council approved funding in the amount of \$54,300 for Project 02561/Evaluating the Feasibility of Developing a Community-Based Forage Fish Sampling Project for GEM. This includes \$50,400 in direct project funds and \$3,900 in agency administrative costs. A copy of the Council's action on your project is enclosed.

Before a project may begin, the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. We hope that for most projects this will occur before October 1, 2001. If so, you may receive authorization from the Executive Director to begin the FY 02 project on that date. Any delay in documenting compliance will delay start of the project. If you have any questions, please contact the Trustee Council liaison for your agency.

Projects approved for FY 02 are approved in the expectation that they will be funded to their completion. However, the Trustee Council will annually evaluate a project's future funding needs based on its progress or results to date, overall restoration needs, and restoration funding constraints. The future funding projection for your project (including agency administrative costs) is \$11,600 in FY 03; this will be reviewed again next year.

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Alaska Department of Law

Thank you for your participation in the *Exxon Valdez* oil spill restoration program. We appreciate your continued interest, and look forward to working with you this coming year.

Sincerely,

A handwritten signature in black ink that reads "Molly McCammon". The signature is fluid and cursive, with a long horizontal flourish extending to the right.

Molly McCammon
Executive Director

Enclosure

cc: Tony DeGange, DOI-USFWS Liaison

mm/pdb

TRUSTEE COUNCIL ACTION (8/6/01) / FY 02 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	TC Approve 8/6/01	Defer to December	FY03 Recom.	Sum FY 02-03
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	\$0.0	\$11.6	\$65.9
	<u>Project Abstract</u>	<u>Chief Scientist's Recommendation</u>				<u>Trustee Council Action</u>		
	This project is based on the recently completed five-year pilot study, conducted as part of APEX (Alaska Predator Ecosystem Experiment, Project /163), 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.	This is an innovative approach to a difficult problem of assessing forage fish abundance over large temporal and spatial scales. The work would also make a strong contribution to understanding the feasibility of community based sampling programs, an important part of GEM transition. The principal investigator has an excellent record with the Trustee Council. Fund.				Fund. This project, which will visit 11 spill-area communities to explore involving local residents in long-term forage fish monitoring studies, builds on work successfully begun under APEX (Alaska Predator Ecosystem Experiment, Project /163). It will contribute to understanding the feasibility of community-based sampling programs in general, and therefore is an important part of GEM transition. The principal investigator's visits to communities should be coordinated with the Trustee Council's Community Development Director (Project /052). It should be noted that the Council's interest in this project in FY 02 is not in the particular data that might be gathered relevant to forage fish, but in the techniques and strategy that might be developed in regard to designing a community involvement component for GEM.		

Exxon Valdez Oil Spill Trustee Council

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August 8, 2001

Mike Castellini, PhD
UAF/IMS
PO Box 757220
Fairbanks, AK 99775-7140

RE: Project 02546 / Assessing Harbor Seals: Methods to Identify Metabolic Responses to Environmental Change


Dear Dr. Castellini:

The Exxon Valdez Oil Spill Trustee Council received \$10.3 million in proposals for a Fiscal Year 2002 Work Plan of \$5 million. It was not possible to fund all proposals that were submitted.

In June I notified you of my recommendation that the Trustee Council not fund Project 02546/Assessing Harbor Seals: Methods to Identify Metabolic Responses to Environmental Change. The Council acted on the FY 2002 Work Plan on August 6, 2001. This letter is to inform you that the Council accepted my recommendation and did not fund your project for FY 02. A copy of the Council's action on your project is enclosed.

I appreciate your interest in the restoration program and hope you will consider submitting proposals in future years.

Sincerely,



Molly McCammon
Executive Director

Enclosure

cc: Bill Hauser, ADF&G Liaison

mm/pdb

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TRUSTEE COUNCIL ACTION (8/6/01) / FY 02 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	TC Approve 8/6/01	Defer to December	FY03 Recom.	Sum FY 02-03
02546	Assessing Harbor Seals: Methods to Identify Metabolic Responses to Environmental Change	M. Castellini/UAF	ADFG	New 1st yr. 1 yr. project	\$0.0	\$0.0	\$0.0	\$0.0
	<u>Project Abstract</u>	<u>Chief Scientist's Recommendation</u>				<u>Trustee Council Action</u>		
	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 subpopulations 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.	This proposal is for the development of a blood chemistry profile method which may characterize subpopulations and/or fitness of individuals. The investigator is a very accomplished and able marine mammal biologist. The proposed methodology appears to be a potentially powerful tool that could supplement earlier work on regional genetic differences and geographic differences in food habits that are known to exist for harbor seals in the northern Gulf of Alaska. Further development of this concept as proposed is likely appropriate for assessing marine mammal populations in the Gulf of Alaska. However, the most appropriate strategy for accomplishing this work may be in partnership with concerned resource management agencies. Do not fund.				Do not fund. This proposal, which would develop a blood chemistry profile for identifying subpopulations of harbor seals, would have been more attractive if it had been submitted as a partnership with the resource management agencies.		

Exxon Valdez Oil Spill Trustee Council

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



August 8, 2001

Tracey Gotthardt
UAF Alaska Natural Heritage Program
707 A Street
Anchorage, AK 99501

Keith W. Boggs
UAA Alaska Natural Heritage Program
707 A Street
Anchorage, AK 99501

RE: Project 02536 / Synthesis of Spill Damaged Resource Information into the Heritage Data Management System

Dear Ms. Gotthardt and Mr. Boggs:

The *Exxon Valdez* Oil Spill Trustee Council received \$10.3 million in proposals for a Fiscal Year 2002 Work Plan of \$5 million. It was not possible to fund all proposals that were submitted.

In June I notified you of my recommendation that the Trustee Council not fund Project 02536/Synthesis of Spill Damaged Resource Information into the Heritage Data Management System. The Council acted on the FY 2002 Work Plan on August 6, 2001. This letter is to inform you that the Council accepted my recommendation and did not fund your project for FY 02. A copy of the Council's action on your project is enclosed.

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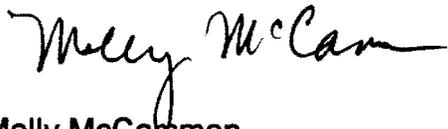
U.S. Department of the Interior
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State Trustees

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I appreciate your interest in the restoration program and hope you will consider submitting proposals in future years.

Sincerely,

A handwritten signature in black ink that reads "Molly McCammon". The signature is fluid and cursive, with the first name "Molly" and last name "McCammon" clearly legible.

Molly McCammon
Executive Director

Enclosure

cc: Bill Hauser, ADF&G Liaison

mmv/pdb

TRUSTEE COUNCIL ACTION (8/6/01) / FY 02 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	TC Approve 8/6/01	Defer to December	FY03 Recom.	Sum FY 02-03
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	\$0.0	\$0.0	\$0.0	\$0.0
	<u>Project Abstract</u>	<u>Chief Scientist's Recommendation</u>					<u>Trustee Council Action</u>	
	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.	Among other objectives, this project would make widely available some of the scientific data from the Trustee Council's restoration efforts. This would be a great public service. However, the project is premature until a GEM data manager is hired and options for information management and transfer under GEM have been developed. Do not fund.					Do not fund. This project is premature until a GEM data manager is hired (see Project 02455). One of the initial tasks of the data manager will be development of options for information management and transfer under GEM. This should include consideration of using the Heritage Data Management System as part of the overall GEM information management strategy.	

Exxon Valdez Oil Spill Trustee Council

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



August 8, 2001

Gail Irvine, PhD
USGS-BRD
1011 E Tudor Rd
Anchorage, AK 99503

RE: Project 02532 / Coupling of Oceanic and Nearshore: The Search for
Indicator Species

~~Gail~~
Dear Dr. Irvine:

The Exxon Valdez Oil Spill Trustee Council received \$10.3 million in proposals for a Fiscal Year 2002 Work Plan of \$5 million. It was not possible to fund all proposals that were submitted.

In June I notified you of my recommendation that the Trustee Council not fund Project 02532/Coupling of Oceanic and Nearshore: The Search for Indicator Species. The Council acted on the FY 2002 Work Plan on August 6, 2001. This letter is to inform you that the Council accepted my recommendation and did not fund your project for FY 02. A copy of the Council's action on your project is enclosed.

I appreciate your interest in the restoration program and hope you will consider submitting proposals in future years.

Sincerely,

Molly McCammon
Executive Director

Enclosure

cc: Dede Bohn, DOI-USGS Liaison

mmv/pdb

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TRUSTEE COUNCIL ACTION (8/6/01) / FY 02 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	TC Approve 8/6/01	Defer to December	FY03 Recom.	Sum FY 02-03
02532	Coupling of Oceanic and Nearshore: The Search for Indicator Species	G. Irvine/USGS	DOI	New 1st yr. 1 yr. project	\$0.0	\$0.0	\$0.0	\$0.0
	<u>Project Abstract</u>	<u>Chief Scientist's Recommendation</u>				<u>Trustee Council Action</u>		
	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.	This is an interesting approach to answering an important suite of questions about linkage between fluctuations in inshore and offshore production. The work would possibly be useful to implementation of GEM in the future. However, the question is too large and complex to be answered adequately with the limited effort proposed. Further, I question the ability of the methods to allow detection of the climatic signal given the confounding nature of the other forces on the population to be sampled. Do not fund.				Do not fund. This proposal is a scaled-down version of a proposal submitted and not funded in FY 01. The research question embodied in the proposal is too large and complex to be answered adequately with the limited effort proposed. In addition, the Chief Scientist has raised questions about the project's methods.		

Exxon Valdez Oil Spill Trustee Council

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



August 8, 2001

John Thedinga
NMFS Auke Bay Lab
11305 Glacier Hwy
Juneau, AK 99801-8626

RE: Project 02492 / Were Pink Salmon Embryo Studies in Prince William Sound Biased?

Dear Mr. Thedinga:

The *Exxon Valdez* Oil Spill Trustee Council acted on the Fiscal Year 2002 Work Plan at its meeting on August 6, 2001. I am pleased to inform you that the Council approved funding in the amount of \$24,000 for Project 02492/Were Pink Salmon Embryo Studies in Prince William Sound Biased? This includes \$21,000 in direct project funds and \$3,000 in agency administrative costs. A copy of the Council's action on your project is enclosed. Please note that FY 02 is expected to be the final year of Council support for Project 02492.

Before a project may begin, the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. We hope that for most projects this will occur before October 1, 2001. If so, you may receive authorization from the Executive Director to begin the FY 02 project on that date. Any delay in documenting compliance will delay start of the project. If you have any questions, please contact the Trustee Council liaison for your agency.

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Thank you for your participation in the *Exxon Valdez* oil spill restoration program. We appreciate your continued interest, and look forward to working with you this coming year.

Sincerely,

A handwritten signature in black ink that reads "Molly McCammon". The signature is written in a cursive, flowing style.

Molly McCammon
Executive Director

Enclosure

cc: Stacy Masters, NOAA

mm/pdb

TRUSTEE COUNCIL ACTION (8/6/01) / FY 02 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	TC Approve 8/6/01	Defer to December	FY03 Recom.	Sum FY 02-03
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	\$0.0	\$24.0

Project Abstract

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.

Chief Scientist's Recommendation

This study addresses some crucial questions of potential bias in evaluation of pink salmon embryo mortality in the field samples collected 1989-94. This study has apparently resolved the time course of egg opacity after shocking, and is addressing potential observer bias in evaluating embryo mortality. Publishing the results of these studies as soon as possible is crucially important to understanding injury to pink salmon. Fund closeout as proposed.

Trustee Council Action

Fund closeout of this project (final report and two manuscripts). Exxon contends that the governments' conclusion that reduced embryo viability in oiled streams was caused by persistent oil contamination were biased due to sampling timing. In FY 01, the Trustee Council initiated this study to determine if estimates of pink salmon embryo survival following the oil spill were accurate. Based on the preliminary results, the claims advanced by Exxon appear to be invalid and experimental conditions do not permit further investigation. The principal investigator requested funds for closeout only.

Exxon Valdez Oil Spill Trustee Council

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



August 8, 2001

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

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

Stephen Jewett, PhD
UAF/IMS
PO Box 757140
Fairbanks, AK 99775-7140

RE: Project 02486 / Links Between Persistent Oil in Mussel Beds and
Predators

~~Jep~~ ~~Tom~~ ~~Steel~~
Dear Dr. Rice, Dr. Dean and Dr. Jewett:

The Exxon Valdez Oil Spill Trustee Council received \$10.3 million in proposals for a Fiscal Year 2002 Work Plan of \$5 million. It was not possible to fund all proposals that were submitted.

In June I notified you of my recommendation that the Trustee Council not fund Project 02486/Links Between Persistent Oil in Mussel Beds and Predators. The Council acted on the FY 2002 Work Plan on August 6, 2001. This letter is to inform you that the Council accepted my recommendation and did not fund your project for FY 02. A copy of the Council's action on your project is enclosed.

Federal Trustees

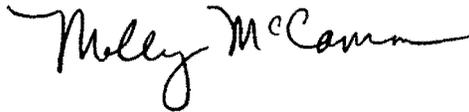
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Alaska Department of Environmental Conservation
Alaska Department of Law

I appreciate your interest in the restoration program and hope you will consider submitting proposals in future years.

Sincerely,

A handwritten signature in black ink that reads "Molly McCammon". The signature is written in a cursive style with a large, looped initial "M".

Molly McCammon
Executive Director

Enclosure

cc: Stacy Masters, NOAA

mm/pdb

TRU E COUNCIL ACTION (8/6/01) / FY 02 WORL AN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	TC Approve 8/6/01	Defer to December	FY03 Recom.	Sum FY 02-03
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	\$0.0	\$0.0	\$0.0	\$0.0

Project Abstract

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.

Chief Scientist's Recommendation

This project would further investigate the implications of remaining oil in the Prince William Sound intertidal zone, much of which can still be found at relatively high concentrations in mussel beds. The proposal does not present a compelling argument for how the results from small areas can be interpreted on the scale of the entire sound. For example, how much feeding do harlequin ducks, sea otters, and Barrow's goldeneyes do in oiled mussel beds as opposed to outside them? Can we compare the amounts of oil remaining in mussel beds with those in other intertidal and subtidal areas? These questions are hard to answer, but without answering them the results of this project cannot be effectively tied to evidence of continued oil exposure. Given the cost of this proposal, the uncertainties in interpretation, and the need to commit funds into FY 03, this is a lower priority. Do not fund.

Trustee Council Action

Do not fund. This project would study possible links between oiled mussel beds and predators which were not anticipated, have not been studied directly, and may explain ongoing observations of vertebrate predator exposure to oil. However, the Chief Scientist has raised a number of technical concerns about the project, and for that reason it is a lower priority.

Exxon Valdez Oil Spill Trustee Council

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



August 8, 2001

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

RE: Project 02462-CLO / Effects of Disease on Pacific Herring Population
Recovery in Prince William Sound

Dear Dr. ~~Marty~~ ^{Gary}:

The *Exxon Valdez* Oil Spill Trustee Council acted on the Fiscal Year 2002 Work Plan at its meeting on August 6, 2001. I am pleased to inform you that the Council approved funding in the amount of \$77,400 for Project 02462/Effects of Disease on Pacific Herring Population Recovery in Prince William Sound. This includes \$72,000 in direct project funds and \$5,400 in agency administrative costs. A copy of the Council's action on your project is enclosed.

Before a project may begin, the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. We hope that for most projects this will occur before October 1, 2001. If so, you may receive authorization from the Executive Director to begin the FY 02 project on that date. Any delay in documenting compliance will delay start of the project. If you have any questions, please contact the Trustee Council liaison for your agency.

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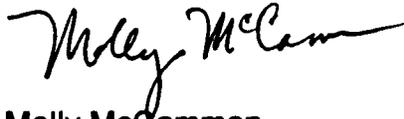
U.S. Department of the Interior
U.S. Department of Agriculture
National Oceanic and Atmospheric Administration

State Trustees

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Alaska Department of Law

Thank you for your participation in the *Exxon Valdez* oil spill restoration program. We appreciate your continued interest, and look forward to working with you this coming year.

Sincerely,

A handwritten signature in black ink that reads "Molly McCammon". The signature is fluid and cursive, with the first name "Molly" and last name "McCammon" clearly legible.

Molly McCammon
Executive Director

Enclosure

cc: Bill Hauser, ADF&G Liaison

mm/pdb

TRUS COUNCIL ACTION (8/6/01) / FY 02 WORK | N

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	TC Approve 8/6/01	Defer to December	FY03 Recom.	Sum FY 02-03
02462-CLO	Effects of Disease on Pacific Herring Population Recovery in Prince William Sound	G. Marty/Univ. of California, Davis	ADFG	Cont'd 4th yr. 4 yr. project	\$77.4		\$0.0	\$77.4
	<u>Project Abstract</u>	<u>Chief Scientist's Recommendation</u>				<u>Trustee Council Action</u>		
	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.	Lack of recovery of Pacific herring has resulted in lost services for commercial fisheries and lost resources for subsistence use. The proposed study through 2002 will provide nine years of pathogen prevalence and disease information, making this the most comprehensive study ever conducted on a wild fish population. Following this population through a full cycle estimated to be 16-20 years would be optimal to understand how pathogen presence, disease and population size are linked. However, funding constraints, and other restoration and GEM priorities preclude a commitment of such duration. Furthermore, other components associated with ecosystem health must also be included in the analysis (e.g., food availability). Manifestation of disease and potential population impacts are determined by environmental factors, not just pathogen presence. Fund for FY 02 only.				Fund closeout of this project, including preparation of a final report. This project is designed to determine whether disease continues to limit recovery of the Prince William Sound herring population. The herring population biomass in the sound is at the lowest level ever recorded. A substantial grant from the National Science Foundation, up for renewal this year (new project dates would be February 2002 through January 2007), has enabled the investigators to perform complementary analyses and population modeling.		

Exxon Valdez Oil Spill Trustee Council

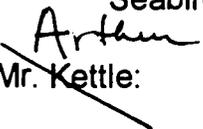
645 G Street, Suite 401, Anchorage, AK 99501-3451 907/278-8012 fax:907/276-7178



August 8, 2001

Arthur B. Kettle
USFWS/National Wildlife Refuge
2355 Kachemak Bay Dr., Ste 101
Homer, AK 99603-8021

RE: Project 02434 / Design of a Video System for Remotely Monitoring
Seabirds at East Amatuli Island


Dear Mr. Kettle:

The Exxon Valdez Oil Spill Trustee Council received \$10.3 million in proposals for a Fiscal Year 2002 Work Plan of \$5 million. It was not possible to fund all proposals that were submitted.

In June I notified you of my recommendation that the Trustee Council not fund Project 02434/Design of a Video System for Remotely Monitoring Seabirds at East Amatuli Island. The Council acted on the FY 2002 Work Plan on August 6, 2001. This letter is to inform you that the Council accepted my recommendation and did not fund your project for FY 02. A copy of the Council's action on your project is enclosed.

I appreciate your interest in the restoration program and hope you will consider submitting proposals in future years.

Sincerely,



Molly McCammon
Executive Director

Enclosure

cc: Tony DeGange, DOI-USFWS Liaison

mm/pdb

TRUSTEE COUNCIL ACTION (8/6/01) / FY 02 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	TC Approve 8/6/01	Defer to December	FY03 Recom.	Sum FY 02-03
02434	Design of a Video System for Remotely Monitoring Seabirds at East Amatuli Island	A. Kettle/USFWS	DOI	New 1st yr. 2 yr. project	\$0.0	\$0.0	\$0.0	\$0.0
	<u>Project Abstract</u>	<u>Chief Scientist's Recommendation</u>			<u>Trustee Council Action</u>			
	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.	This project would write specifications for equipment for remote monitoring of bird colonies on East Amatuli Island. Although the project's intended purpose of decreasing lost data on an injured resource is a worthy purpose in terms of restoration, this project would not reach that objective in FY 02. Do not fund.			Do not fund. The Trustee Council funded a remote video setup on East Amatuli Island in FY 99 (Project 99434) to transmit images from the seabird colonies to the Pratt Museum in Homer. This project would be the first step in establishing a similar system that would transmit images to the East Amatuli field camp and be designed solely for scientific monitoring, not as a museum exhibit. However, the funds requested are for a minimal amount of staff time to research and price the design of such a system--it is unclear where funds for purchase, installation, and operation of the system would come from. Researching the system might be an appropriate contribution for the U.S. Fish and Wildlife Service to make to this endeavor.			

Exxon Valdez Oil Spill Trustee Council

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



August 8, 2001

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

RE: Project 02423 / Patterns and Processes of Population Change in Selected
Nearshore Vertebrate Predators

Dear Mr. ~~Bodkin~~ ^{Jim}:

The Exxon Valdez Oil Spill Trustee Council acted on the Fiscal Year 2002 Work Plan at its meeting on August 6, 2001. I am pleased to inform you that the Council approved funding in the amount of \$458,400 for Project 02423/Patterns and Processes of Population Change in Selected Nearshore Vertebrate Predators. This includes \$304,100 in direct project funds, \$25,600 in agency administrative costs, \$120,300 for Alaska SeaLife Center bench fees, and \$8,400 for Alaska Department of Fish and Game to administer the bench fees. A copy of the Council's action on your project is enclosed.

Before a project may begin, the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. We hope that for most projects this will occur before October 1, 2001. If so, you may receive authorization from the Executive Director to begin the FY 02 project on that date. Any delay in documenting compliance will delay start of the project. If you have any questions, please contact the Trustee Council liaison for your agency.

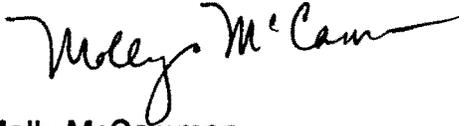
Projects approved for FY 02 are approved in the expectation that they will be funded to their completion. However, the Trustee Council will annually evaluate a project's future funding needs based on its progress or results to date, overall restoration needs, and restoration funding constraints. Please note that only closeout funds (final report and manuscript preparation) are planned for the sea otter component in FY 03. A determination on whether to continue or close out the harlequin duck component in FY 03 will be made following a review of harlequin duck recovery status this winter.

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Thank you for your participation in the *Exxon Valdez* oil spill restoration program. We appreciate your continued interest, and look forward to working with you this coming year.

Sincerely,

A handwritten signature in black ink that reads "Molly McCammon". The signature is fluid and cursive, with a long horizontal stroke at the end.

Molly McCammon
Executive Director

Enclosure

cc: Dede Bohn, DOI-USGS Liaison
Bill Hauser, ADF&G Liaison

mmv/pdb

SPRI SHEET B: TRUSTEE COUNCIL ACTION (8/) / FY 02 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	TC Approve 8/6/01	Defer to December	FY03 Recom.	Sum FY 02-03
02423	Patterns and Processes of Population Change in Selected Nearshore Vertebrate Predators	J. Bodkin, D. Esler/USGS-BRD	DOI	Cont'd 4th yr. 5 yr. project	\$458.4	\$0.0	\$189.0	\$647.4
	<u>Project Abstract</u>	<u>Chief Scientist's Recommendation</u>					<u>Trustee Council Action</u>	
	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 and estimates of age-specific survival rates. 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.	This is the fourth year of a complex project with field monitoring and laboratory dosing experiments at the Alaska SeaLife Center. The goals of this project are basically sound and the information that will be obtained valuable to the needs of the Trustee Council and to those trying to understand sea otters, ducks, and the nearshore ecosystem. The new objective to examine interannual variability in growth rates of clams is not compelling and should not be funded. Since the Council makes no commitment to fund beyond FY 02 as the restoration program transitions to GEM, sea otter field work should conclude in FY 02. There may be some justification for another year of harlequin duck field work in FY 03; that determination will be made following a review of harlequin duck recovery status next year--FY 03 would be another year of field work on harlequins or the closeout year, depending on the results of that review. Fund revised proposal, which addresses the above concerns.					Fund revised Detailed Project Description, which deletes the new objective related to growth rate of clams. The sea otter component will be closed out in FY 03. The harlequin duck component will be continued or closed out in FY 03; this determination will be made following a review of harlequin recovery status next year. The project is an important extension of the Nearshore Vertebrate Predator project (Project /025) work on two still-injured species, sea otters and harlequin ducks. [Note: Funding includes \$128,700 for Alaska SeaLife Center bench fees.]	

Exxon Valdez Oil Spill Trustee Council

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



August 8, 2001

Charlie Hughey
Valdez Native Tribe
PO Box 1108
Valdez, AK 99686

Charles E. O'Clair, PhD
Auke Bay Wildlife Lab, NMFS
11305 Glacier Hwy
Juneau, AK 99801-8626

RE: Project 02401 / Assessment of Spot Shrimp Abundance in Prince William Sound

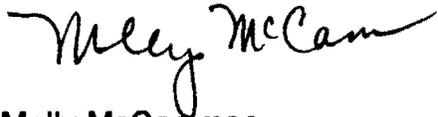
~~Charlie~~ ~~Chuck~~
Dear Mr. Hughey and Dr. O'Clair:

The *Exxon Valdez* Oil Spill Trustee Council acted on the Fiscal Year 2002 Work Plan at its meeting on August 6, 2001. I am pleased to inform you that the Council approved funding in the amount of \$25,500 for Project 02401/Assessment of Spot Shrimp Abundance in Prince William Sound. This includes \$22,800 in direct project funds and \$2,700 in agency administrative costs. A copy of the Council's action on your project is enclosed. Please note that FY 02 is expected to be the final year of Council support for Project 02401.

Before a project may begin, the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. We hope that for most projects this will occur before October 1, 2001. If so, you may receive authorization from the Executive Director to begin the FY 02 project on that date. Any delay in documenting compliance will delay start of the project. If you have any questions, please contact the Trustee Council liaison for your agency.

Thank you for your participation in the *Exxon Valdez* oil spill restoration program. We appreciate your continued interest, and look forward to working with you this coming year.

Sincerely,

A handwritten signature in black ink that reads "Molly McCammon". The signature is fluid and cursive, with the first name "Molly" and last name "McCammon" clearly legible.

Molly McCammon
Executive Director

Enclosure

cc: Jeep Rice, Acting NOAA Liaison

mmv/pdb

TRUSTEE COUNCIL ACTION (8/6/01) / FY 02 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	TC Approve 8/6/01	Defer to December	FY03 Recom.	Sum FY 02-03
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	\$25.5	\$0.0	\$0.0	\$25.5

Project Abstract

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 (ADF&G) surveys to determine whether the spot shrimp population is recovering from depletion. Project results and those of ADF&G 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 closeout, produce manuscripts, and provide input into the development of a shrimp management plan with ADF&G.

Chief Scientist's Recommendation

This is the fourth year of a four-year project to gather supplemental information on spot shrimp abundance in Prince William Sound. Fund closeout.

Trustee Council Action

Fund closeout of this project, which is studying the abundance of spot shrimp in Prince William Sound to determine whether the population can sustain seasonal openings for subsistence, personal use, and commercial fishing. Shrimp are not on the injured resources list. However, the Trustee Council's Restoration Plan allows restoration actions to address resources not on the list if the action will benefit an injured resource or service; this project will benefit the services of subsistence and commercial fishing. The project is a joint effort of the Valdez Native Tribe and the National Oceanic and Atmospheric Administration's Auke Bay Lab.

Exxon Valdez Oil Spill Trustee Council

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



August 8, 2001

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

Lee Hulbert
NMFS Auke Bay Lab
11305 Glacier Hwy
Juneau, AK 99801

RE: Project 02396 / Alaska Salmon Shark Assessment

Dear Dr. ~~Rice~~ and Mr. ~~Hulbert~~:

The *Exxon Valdez* Oil Spill Trustee Council acted on the Fiscal Year 2002 Work Plan at its meeting on August 6, 2001. I am pleased to inform you that the Council approved funding in the amount of \$28,800 for Project 02396/Alaska Salmon Shark Assessment. This includes \$25,800 in direct project funds and \$3,000 in agency administrative costs. A copy of the Council's action on your project is enclosed. Please note that FY 02 is expected to be the final year of Council support for Project 02396.

Before a project may begin, the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. We hope that for most projects this will occur before October 1, 2001. If so, you may receive authorization from the Executive Director to begin the FY 02 project on that date. Any delay in documenting compliance will delay start of the project.

Federal Trustees

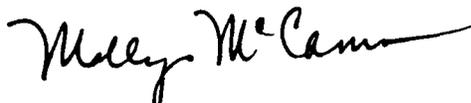
U.S. Department of the Interior
U.S. Department of Agriculture
National Oceanic and Atmospheric Administration

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Alaska Department of Law

Thank you for your participation in the *Exxon Valdez* oil spill restoration program. We appreciate your continued interest, and look forward to working with you this coming year.

Sincerely,

A handwritten signature in black ink that reads "Molly McCammon". The signature is fluid and cursive, with a long horizontal stroke at the end.

Molly McCammon
Executive Director

Enclosure

cc: Stacy Masters, NOAA

mrv/pdb

TRUSTEE COUNCIL ACTION (8/6/01) / FY 02 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	TC Approve 8/6/01	Defer to December	FY03 Recom.	Sum FY 02-03
02396	Alaska Salmon Shark Assessment	J. Rice, L. Hulbert/NOAA	NOAA	Cont'd 3rd yr. 3 yr. project	\$28.8	\$0.0	\$0.0	\$28.8

Project Abstract

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.

Chief Scientist's Recommendation

This is a competently prepared proposal that will finish gathering data from tags deployed on sharks in FY 01, analyze the data, and produce a final report. The investigators are well qualified to do the work. Fund.

Trustee Council Action

Fund. In FY 02, this project will analyze data from tags deployed in FY 01 that will pop up in FY 02, as well as from opportunistic aerial observations and shark stomachs contributed by fishermen and others. A final report will also be written. This project was undertaken because of an observed increase in the number of sharks in Prince William Sound in recent years.

Exxon Valdez Oil Spill Trustee Council

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



August 8, 2001

Chris Elfring, PhD
Polar Research Board (HA 454)
2101 Constitution Ave, NW
Washington, DC 20418

RE: Project 02360-BAA / The Exxon Valdez Oil Spill: Guidance for Future Research Activities

Chris
Dear Dr. Elfring:

The Exxon Valdez Oil Spill Trustee Council acted on the Fiscal Year 2002 Work Plan at its meeting on August 6, 2001. I am pleased to inform you that the Council approved funding in the amount of \$90,100 for Project Project 02360-BAA/The Exxon Valdez Oil Spill: Guidance for Future Research Activities. This includes \$84,200 in contractual funds for you, and \$5,900 for NOAA's administrative costs. A copy of the Council's action on your project is enclosed.

Before a project may begin, the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. The lead agency must also execute a contract or Reimbursable Services Agreement with you. We hope that for most projects this will occur before October 1, 2001. If so, you may receive authorization from the Executive Director to begin the FY 02 project on that date. Any delay in documenting compliance, or in executing a contract, will delay start of the project. For more information, please contact the NOAA representative:

Stacy Masters
National Marine Fisheries Service
P.O. Box 21668, Juneau, AK 99802
Phone 907-586-7644/Fax 907-586-7255

Federal Trustees
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Alaska Department of Law

Thank you for your participation in the *Exxon Valdez* oil spill restoration program. We appreciate your continued interest, and look forward to working with you this coming year.

Sincerely,

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Molly McCammon
Executive Director

Enclosure

cc: Stacy Masters, NOAA
Sharon Kent, NOAA Contracting

mm/pdb

TRUSTEE COUNCIL ACTION (8/6/01) / FY 02 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	TC Approve 8/6/01	Defer to December	FY03 Recom.	Sum FY 02-03
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	\$90.1	\$0.0	\$0.0	\$90.1

Project Abstract

Chief Scientist's Recommendation

Trustee Council Action

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 documents, the draft Science Program and the draft Monitoring and Research 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 Monitoring and Research 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 Monitoring and Research 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, the committee will receive the draft plan in August and hold a meeting to begin our review September 18-19, 2001. The committee will spend the fall preparing its final report. The report is expected to go to outside review in January 2002 and be delivered to the Trustee Council in April 2002.

Fund. National Research Council participation is essential to the successful implementation of GEM.

Fund. This project, which is providing important external review of GEM, began in FY 00. The National Research Council (NRC) has provided interim comments on the GEM Science Program. FY 02 activities will include review of the draft GEM Monitoring and Research Plan and preparation of a final report containing conclusions and recommendations on GEM.

Exxon Valdez Oil Spill Trustee Council

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



August 8, 2001

Dan Gillikin
USFS, Glacier Ranger District
PO Box 129
Girdwood, AK 99587

RE: Project 02256B-CLO / Sockeye Salmon Stocking at Solf Lake

Dear Mr. Gillikin:

The *Exxon Valdez* Oil Spill Trustee Council acted on the Fiscal Year 2002 Work Plan at its meeting on August 6, 2001. I am pleased to inform you that the Council approved funding in the amount of \$15,500 for Project 02256B-CLO / Sockeye Salmon Stocking at Solf Lake. This includes \$13,800 in direct project funds and \$1,700 in agency administrative costs. A copy of the Council's action on your project is enclosed. Please note that FY 02 is expected to be the final year of Council support for Project 02256B.

Before a project may begin, the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. We hope that for most projects this will occur before October 1, 2001. If so, you may receive authorization from the Executive Director to begin the FY 02 project on that date. Any delay in documenting compliance will delay start of the project. If you have any questions, please contact Ken Holbrook, the Trustee Council liaison for your agency.

Federal Trustees

U.S. Department of the Interior
U.S. Department of Agriculture
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State Trustees

Alaska Department of Fish and Game
Alaska Department of Environmental Conservation
Alaska Department of Law

Thank you for your participation in the *Exxon Valdez* oil spill restoration program. We appreciate your continued interest, and look forward to working with you this coming year.

Sincerely,

A handwritten signature in black ink that reads "Molly McCammon". The signature is written in a cursive style with a long, sweeping underline.

Molly McCammon
Executive Director

Enclosure

cc: Ken Holbrook, USFS Liaison

mm/pdb

TRUSTEE COUNCIL ACTION (8/6/01) / FY 02 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	TC Approve 8/6/01	Defer to December	FY03 Recom.	Sum FY 02-03
02256B-CLO	Sockeye Salmon Stocking at Solf Lake	D. Gillikin/USFS	USFS	Cont'd 7th yr. 7 yr. project	\$15.5	\$0.0	\$0.0	\$15.5

Project Abstract

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.

Chief Scientist's Recommendation

This project is an integral part of a cluster of projects aimed at restoration of oil-damaged, subsistence resources in Prince William Sound. Initial limnological studies and revitalization of the fishway to the lake have been completed, but changes in brood stock (from Eyak and Coghill lakes) and unavailability of brood stock in FY 02 have raised questions about the ability of the project to meet its objectives. In FY 01, the Trustee Council requested preparation of the final report in FY 02, and this still seems appropriate. The proposed FY 03 activities are not recommended for funding. Fund revised proposal, which closes out the project in FY 02.

Trustee Council Action

Fund revised proposal, which reduces the scope of the FY 02 project to monitoring and final report writing only. This project is intended to provide sockeye salmon as a replacement for resources lost or reduced due to the oil spill. Recreational, commercial, and subsistence fishers should all benefit from the project.

Exxon Valdez Oil Spill Trustee Council

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



August 8, 2001

Richard DeLorenzo
Chugach School District
9312 Vanguard Dr, #100
Anchorage, AK 99507

RE: Project 02210 / Prince William Sound & Lower Cook Inlet Youth Area Watch

Dear Mr. DeLorenzo:

The *Exxon Valdez* Oil Spill Trustee Council acted on the Fiscal Year 2002 Work Plan at its meeting on August 6, 2001. I am pleased to inform you that the Council approved funding in the amount of \$106,100 for Project 02210/Prince William Sound & Lower Cook Inlet Youth Area Watch. This includes \$99,200 in direct project funds and \$6,900 in agency administrative costs. A copy of the Council's action on your project is enclosed.

Please note that, although FY 02 was expected to be the final year of Council support for Project 02210, it is the type of community effort that might be appropriate under the Council's long-term monitoring program, which will begin in FY 03.

Before a project may begin, the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. We hope that for most projects this will occur before October 1, 2001. If so, you may receive authorization from the Executive Director to begin the FY 02 project on that date. Any delay in documenting compliance will delay start of the project. If you have any questions, please contact Bill Hauser, the Trustee Council liaison for your agency.

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Thank you for your participation in the *Exxon Valdez* oil spill restoration program. We appreciate your continued interest, and look forward to working with you this coming year.

Sincerely,

A handwritten signature in black ink that reads "Molly McCammon". The signature is written in a cursive style with a long, sweeping underline.

Molly McCammon
Executive Director

Enclosure

cc: Bill Hauser, ADF&G Liaison

mm/pdb

TRU E COUNCIL ACTION (8/6/01) / FY 02 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	TC Approve 8/6/01	Defer to December	FY03 Recom.	Sum FY 02-03
02210	Prince William Sound/Lower Cook Inlet Youth Area Watch	R. DeLorenzo/Chugach School District	ADFG	Cont'd 7th yr.	\$106.1	\$0.0		\$106.1

Project Abstract

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.

Chief Scientist's Recommendation

The Youth Area Watch has been a popular and successful project, probably the most successful of the EVOS projects in terms of encouraging and facilitating positive participation in the affected communities. The proposers seek what would be a seventh year of funding for this project. However, they have done a good job of obtaining supplemental or alternative funding and are cognizant of the need to continue to seek such funds as the restoration program moves toward implementation of GEM. The future of the project remains unclear. The proposal would be strengthened by giving more attention to the value of the data gathered by the young people and to the evaluations of participating investigators. However, this is a strong and successful effort, and it should continue. Fund.

Trustee Council Action

Fund, including funding increment (\$9,700) for teacher participation in JASON. JASON is a nonprofit organization dedicated to education in the area of environmental science and research. Its 2002 expedition "Frozen Worlds" will take place in Southcentral Alaska, and will include curriculum development and teacher training. In general, Youth Area Watch involves local youth in restoration projects. In FY 02, youth in Chenega Bay, Cordova, Nanwalek, Port Graham, Seldovia, Seward, Tatitlek, Valdez, and Whittier will participate. The Trustee Council's contribution to this project has declined each year since the project's inception, as the Chugach School District has obtained funds from other sources to sustain the program. FY 02 was expected to be the final year of Council support, but this might be the type of community effort that is appropriate under GEM.

Exxon Valdez Oil Spill Trustee Council

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



August 8, 2001

David Cameron Duffy, PhD
Paumanok Solutions
102 Aikahi Lp
Kailua, HI 96734-1642

RE: Project 02163-BAA / Alaska Predator Ecosystem Experiment in Prince William Sound and the Gulf of Alaska

~~Dear Dr. Duffy:~~

The Exxon Valdez Oil Spill Trustee Council received \$10.3 million in proposals for a Fiscal Year 2002 Work Plan of \$5 million. It was not possible to fund all proposals that were submitted.

In June I notified you of my recommendation that the Trustee Council not fund Project 02163-BAA/Alaska Predator Ecosystem Experiment in Prince William Sound and the Gulf of Alaska. The Council acted on the FY 2002 Work Plan on August 6, 2001. This letter is to inform you that the Council accepted my recommendation and did not fund your project for FY 02. A copy of the Council's action on your project is enclosed.

I appreciate your interest in the restoration program and hope you will consider submitting proposals in future years.

Sincerely,

Molly McCammon
Executive Director

Enclosure

cc: Jeep Rice, Acting NOAA Liaison
Sharon Kent, NOAA Contracting

mmv/pdb

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TRUSTEE COUNCIL ACTION (8/6/01) / FY 02 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	TC Approve 8/6/01	Defer to December	FY03 Recom.	Sum FY 02-03
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. 8 yr. project	\$0.0	\$0.0	\$0.0	\$0.0
	<u>Project Abstract</u>	<u>Chief Scientist's Recommendation</u>				<u>Trustee Council Action</u>		
	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.	A popular account of the findings of the APEX project would be useful. However, the APEX project investigators have not finished analyzing their data and synthesizing the findings within or across studies. In addition, the investigators agreed last year that a scientific synthesis volume would be prepared in FY 02 following completion of the final report and summary papers currently underway, and there is no mention of this in the proposal. Do not fund this project in FY 02, but possibly consider proposal for a scientific synthesis volume in FY 03 following completion of the final report and publication of the summary papers.				Do not fund. Until final APEX results are submitted and reviewed (the final report was due September 30, 2000 but has not yet been completed; 13 summary scientific papers are to be completed by September 30, 2001), it is premature to pursue development of additional products from this project. Furthermore, the expected follow-up product, as described in the FY 01 Detailed Project Description (Project 01163), was a scientific synthesis (a book or special journal publication) of this multi-year, multi-faceted project. Only following such a synthesis should the Trustee Council consider a semi-popular account as is proposed here.		

Exxon Valdez Oil Spill Trustee Council

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



August 8, 2001

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

RE: Project 02144 / Common Murre Population Monitoring

Dear Mr. ~~Roseneau~~ ^{Don}:

The *Exxon Valdez* Oil Spill Trustee Council acted on the Fiscal Year 2002 Work Plan at its meeting on August 6, 2001. I am pleased to inform you that the Council approved funding in the amount of \$14,800 for Project 02144/Common Murre Population Monitoring. This includes \$13,100 in direct project funds and \$1,700 in agency administrative costs. A copy of the Council's action on your project is enclosed. Please note that FY 02 is expected to be the final year of Council support for Project 02144.

Before a project may begin, the lead agency for the project must provide documentation to the Executive Director showing that the requirements of the National Environmental Policy Act (NEPA) have been met. We hope that for most projects this will occur before October 1, 2001. If so, you may receive authorization from the Executive Director to begin the FY 02 project on that date. Any delay in documenting compliance will delay start of the project. If you have any questions, please contact Tony DeGange, the Trustee Council liaison for your agency.

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Alaska Department of Law

Thank you for your participation in the *Exxon Valdez* oil spill restoration program. We appreciate your continued interest, and look forward to working with you this coming year.

Sincerely,

A handwritten signature in black ink that reads "Molly McCammon". The signature is fluid and cursive, with the first name "Molly" and last name "McCammon" clearly legible.

Molly McCammon
Executive Director

Enclosure

cc: Tony DeGange, DOI-USFWS Liaison

mm/pdb

TRUSTEE COUNCIL ACTION (8/6/01) / FY 02 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	TC Approve 8/6/01	Defer to December	FY03 Recom.	Sum FY 02-03
02144	Common Murre Population Monitoring	D. Roseneau/USFWS	DOI	Cont'd 7th yr. 7 yr. project	\$14.8	\$0.0	\$0.0	\$14.8

Project Abstract

Chief Scientist's Recommendation

Trustee Council Action

FY 02 will provide closeout funds for this project, which will census the Chiswell Islands murre colonies during the FY 01 field season. The closeout 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 murrees at this injured nesting location and in the spill area.

Analysis of the census data is necessary to the success of the murre monitoring effort. The work is reasonably straightforward, inexpensive, and undertaken by capable personnel. The results of the analyses and description of trends in abundance at each of the islands and at the complex as a whole will be useful in refining census methodologies and in understanding variability in murre populations in the Gulf of Alaska. As recommended last year, a power analysis should also be prepared. Fund.

Fund project closeout, including power analysis. This project censused the common murre colony at the Chiswell Islands in FY 01. The results of this project will be useful in refining census methodologies and in understanding variability in murre populations in the Gulf of Alaska.

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

FROM: Molly McCammon
Executive Director

RE: Authorization to Spend: FY 02 Work Plan

DATE: August 7, 2001

At its August 6, 2001 meeting, the Trustee Council approved a total of \$4,804,500 for 46 projects (\$3,113,600 for the FY 02 Work Plan and \$1,690,900 for three projects outside of the Work Plan). In order for these funds to be available at the beginning of the 2002 fiscal year, a number of steps need to be completed.

As in past years, a letter of authorization from the Executive Director will be required on each project before spending can occur. The Trustee Council's project approval was subject to the following conditions: timely completion of late reports and manuscripts, NEPA compliance, and any additional conditions specified in the individual project recommendations. It is my hope that these conditions will be satisfied prior to September 30 so that I can authorize all projects to proceed at the beginning of FY 02.

Letters are being prepared under my signature to each PI who submitted a proposal for the FY 02 Work Plan, notifying them of the Trustee Council's recent action. The letters, which explain the conditions for Executive Director authorization, will be mailed out over the next several days, with a copy going to the appropriate lead agency liaison. I expect the PIs to work through the liaisons if they have questions about late reports, NEPA, special conditions, or any other aspect of the project approval process.

Late Reports and Manuscripts

The Trustee Council's motion directed the Executive Director to withhold authorizations to spend FY 02 project funds until late reports and manuscripts have been submitted. The motion reads:

If a Principal Investigator has an overdue report or manuscript from a previous year, no funds may be expended on a project involving the PI unless the report/manuscript is submitted or a schedule for submission is approved by the Executive Director.

ATTACHMENT B
Overdue Reports (as of 8/3/01)

Agency	Project Number	PI	Final or Annual	Project Title	Status of Report
ADEC	98291	See	Final	Chenega shoreline oiling	Peer reviewed; returned to PI for revision 2/18/00.
ADEC	00530	See	Final	Lessons learned	Never submitted; was due 7/13/00; then expected 11/30/00; still not received.
ADFG	FS13	Baker	Final	Effects of hydrocarbons on bivalves	Peer reviewed; returned to PI for revision 11/11/98. Revision was expected early summer 2000; still not received.
ADFG	93033-1	Rothe	Final	Harlequin duck - Afognak habitat assessment/PWS production	Peer reviewed; returned to PI for revision 11/14/95; most recent due date was 7/1/98; then expected 5/31/00; still not received.
ADFG	93033-2	Rothe	Final	Harlequin restoration	Never submitted; most recent due date was 7/1/98; then expected 5/31/00; still not received.
ADFG	96258A-1	Edmundson	Final	Sockeye: Kenai	Never submitted; was due 1/1/98 (with manuscript). PI retired 6/1/00; Edmundson has been assigned as new PI and will complete report as part of his PhD directed study--expect to submit January 2002.
ADFG	96258A-2	Swanton	Final	Sockeye: Kodiak	Never submitted; was due 10/30/97; then expected 3/31/00; now expected 6/20/01.
ADFG	98191A	Willette	Final	Oil-related embryo mortality	Peer reviewed; returned to PI for revision 4/20/00.
ADFG	99052B	Brown-Schwalenberg	Annual	TEK	Peer reviewed; returned to PI for revision 9/11/00.
ADFG	99127	Kompkoff	Annual	Tatitlek coho release	Never submitted; was due 4/15/00
ADFG	99139A2	Dickson	Final	Port Dick restoration	Peer reviewed; returned to PI for revision 12/15/00.
ADFG	99162B	Kennedy	Ms.	Herring disease	4 manuscripts were due 9/30/00; 3 not submitted.
ADFG	99252-1	L. Seeb	Final	Genetics project: pollock component	Never submitted; was due 9/30/99; then expected 4/30/00; still not received.
ADFG	99252-2	L. Seeb	Final	Genetics project: black rockfish component	Never submitted; was due 1/31/00; then expected 6/30/00; still not received.
ADFG	99263	Meganack	Annual	Port Graham streams	Peer reviewed; returned to PI for revision 9/1/00.

ATTACHMENT B
Overdue Reports (as of 8/3/01)

ADFG	99375	E. Brown	Final	Herring egg distribution	Due 9/30/00; 2 of 4 chapters (ms.) were submitted 12/9/00; peer review on hold until complete report submitted--now expected 6/30/01.
ADFG	00052	P. Brown-Schwalenberg	Annual	Community involvement	Never submitted; was due 5/1/01.
ADFG	00127	G. Kompkoff	Final	Tatitlek coho release	Never submitted; was due 4/15/01.
ADFG	00263	Meganack	Final	Port Graham streams	Never submitted; was due 12/15/00.
ADFG	00610	Brown-Schwalenberg	Annual	Kodiak Youth Area Watch	Never submitted; was due 4/15/01.
ADFG	01064	Frost	Ms.	Harbor seals	Three of 7 ms. were due 3/00; not yet submitted.
ADFG	01131	Daisy	Final	Chugach clam restoration	Never submitted; was due 4/15/01.
DOI	00163	Piatt	Final	APEX-Subproject M	Never submitted; was due 9/30/00.
DOI	00479	Piatt	Annual	Effects of food stress	Two of 3 manuscripts not yet submitted.
DOI	00501	Piatt	Final	Seabird monitoring protocols	Never submitted; was due 9/30/00; due date extended to 10/31/00.
NOAA	99328	Carls	Final	Spill impacts: herring synthesis	Peer reviewed; returned to PI for revision 12/15/00.
NOAA	98347	Heintz	Annual	Fatty acids	Report accepted but letter requested 3/20/00; response not received; now expected 2/1/01.
NOAA	99163	Duffy, et al	Final	APEX	Never submitted; was due 9/30/00 (all done except Piatt's subproject M).
NOAA	99090	Carls	Final	Mussel bed monitoring	Never submitted due to loss of 2 ABL personnel; was due 4/15/00; due date was extended to 8/25/00; then expected 1/1/01; now expected 2/02. (2 ms. due 9/30/00 have also not been submitted)
NOAA	99330-2	Pimm	Final	Mass-balance model	Never submitted; as of 4/00 was "expected shortly"; still not received.
NOAA	99347	Heintz	Final	Fatty acids & lipids RE diet composition	Never submitted; was due 9/30/00; now expect 10/30/01.

ATTACHMENT B
Overdue Reports (as of 8/3/01)

NOAA	99361	Allen	Video	Dynamic graphical techniques	Never submitted; was due 9/30/99; then expected 7/21/00; then 10/00; still not received.
NOAA	99368	Whitney	Maps	PWS ESI summary maps	Maps were due 9/30/99; received digital maps 5/10/01; now expect poster maps Summer 2001.
NOAA	00048	Ruggerone	Ms.	Sockeye salmon	2 manuscripts were due 12/99; then expected 11/15/00 and 3/01; nothing received yet.
NOAA	00195	Short	Annual	Pristane	Never submitted; was due 4/15/01; now expect 7/1/01.
NOAA	00287	Day	Final	Seabird-oceanographic relationships in NGOA	Never submitted; was due 5/15/01.
NOAA	00330	Pauly & Okey	Ms.	Mass-balance model	4 manuscripts were due 9/30/00; 2 not submitted.
NOAA	00393	Kline	Annual	PWS food webs	Never submitted; was due 4/15/01.
NOAA	00414	Allen	Web	Ecosystem projects on web	Never submitted; was due 9/30/00; due date extended to 12/20/00; still not received.
NOAA	00476	Heintz	Annual	Oiled incubation substrate	Never submitted; was due 4/15/01; now expect 6/15/01.
NOAA	00510	McDonald	Ms.	Intertidal monitoring recommendations	Never submitted; manuscript was due 4/15/00.
NOAA	00552	Vaughn	Annual	PWS/GOA exchange	Never submitted; was due 4/15/01.
NOAA	00598	Short	Ms.	EVO vs. regional background hydrocarbons	Never submitted; was due 8/00; now expect 7/1/01.
USFS	98145	Reeves	Final	Cutts & dollys: anadromous forms	Peer reviewed; returned to PI for revision 12/15/00.
USFS	99339-2	Suring	Final	Human use model & recommendations	Never submitted; was due 12/31/99, then expected 4/15/00, still not received.
The following reports were submitted to the Chief Scientist for peer review more than 6 months ago:					

98320	Cooney, et al	Final	SEA	Submitted for peer review 2/24/00.
99188	Joyce	Final	Otolith marking	Submitted for peer review 9/20/00.
99327	Roby	Annual	Pigeon guillemots	Submitted for peer review 4/28/00.
00482	Jellett	Final	PSP test kit	Submitted for peer review 12/28/00.

NEPA STATUS: FY 02 WORK PLAN (projects approved by Trustee Council 8/6/01)

<u>Proj.No.</u>	<u>Project Title</u>	<u>New or Cont'd</u>	<u>Lead Agency</u>	<u>NEPA Lead Agency</u>	<u>For Continuing Projects: Prior Year NEPA</u>	<u>NEPA Status: FY 02 Activity</u>
ADEC						
02667	Effectiveness of Citizens' Environmental Monitoring Program	New	ADEC	NOAA		
ADFG						
02052	Community Involvement/Planning for GEM	Cont'd	ADFG	DOI	CE	
02190	Construction of a Linkage Map for the Pink Salmon Genome	Cont'd	ADFG	NOAA	CE	
02210	Prince William Sound/Lower Cook Inlet Youth Area Watch	Cont'd	ADFG	DOI	CE	
02245	Community-Based Harbor Seal Management and Biological Sampling	Cont'd	ADFG	NOAA	CE	
02247	Kametolook River Coho Salmon Subsistence Project	Cont'd	ADFG	DOI	EA (97427)	
02340	Toward Long-Term Oceanographic Monitoring of the Gulf of Alaska Ecosystem	Cont'd	ADFG	NOAA	CE	
02395	Workshop on Nearshore/Intertidal Monitoring	New	ADFG	DOI		
02407	Harlequin Duck Population Dynamics	Cont'd	ADFG	DOI	CE	
02441	Harbor Seal Recovery: Effects of Diet on Lipid Metabolism and Health	Cont'd	ADFG	NOAA	CE	
02462-CLO	Effects of Disease on Pacific Herring Population Recovery in Prince William Sound	Cont'd	ADFG	NOAA	CE	
02538	Evaluation of Two Methods to Discriminate Pacific Herring Stocks along the Northern Gulf of Alaska	Cont'd	ADFG	NOAA	CE	
02558	Harbor Seal Recovery: Application of New Technologies for Monitoring Health	Cont'd	ADFG	NOAA	CE	
02593	River Otters and Fishes in the Nearshore Environment: A Synthesis	New	ADFG	NOAA		
02608	Permanent Archiving of Specimens Collected in Nearshore Habitats	New	ADFG	NOAA		

NEPA STATUS: FY O2 WORK PLAN (projects approved by Trustee Council 8/6/01)

<u>Proj.No.</u>	<u>Project Title</u>	<u>New or Cont'd</u>	<u>Lead Agency</u>	<u>NEPA Lead Agency</u>	<u>For Continuing Projects: Prior Year NEPA</u>	<u>NEPA Status: FY 02 Activity</u>
02610	Kodiak Archipelago Youth Area Watch	Cont'd	ADFG	DOI	CE	
02612	Detecting and Understanding Marine-Terrestrial Linkages in the Kenai River Watershed	New	ADFG	USFS		
02614	Monitoring Program for Near-Surface Temperature, Salinity, and Fluorescence in the Northern Pacific Ocean	New	ADFG	NOAA		
02649	Reconstructing Sockeye Populations in the Gulf of Alaska over the Last Several Thousand Years	New	ADFG	NOAA		
02671-BAA	Coordinating Volunteer Vessels of Opportunity to Collect Oceanographic Data in Kachemak Bay and Lower Cook Inlet	New	ADFG	NOAA		
ADNR						
02154	Support Costs: Archaeological Repository/Display Facilities/Exhibits	Cont'd	ADNR	USFS	CE	
DOI						
02144	Common Murre Population Monitoring	Cont'd	DOI	DOI	CE	
02163M	APEX: Numerical and Functional Response of Seabirds to Fluctuations in Forage Fish Density	Cont'd	DOI	DOI	CE	
02404	Testing Archival Tag Technology in Coho Salmon	Cont'd	DOI	DOI	N/A	
02423	Patterns and Processes of Population Change in Selected Nearshore Vertebrate Predators	Cont'd	DOI	DOI	CE	
02479	Effects of Food Stress on Survival and Reproductive Performance of Seabirds	Cont'd	DOI	DOI	CE	
02561	Evaluating the Feasibility of Developing a Community- Based Forage Fish Sampling Project for GEM	New	DOI	DOI		
02656	Retrospective Analysis of Nearshore Marine Communities Based on Analysis of Archaeological Material and Isotopes	New	DOI	DOI		

NEPA STATUS: FY 02 WORK I N (projects approved by Trustee Council 8/)

<u>Proj.No.</u>	<u>Project Title</u>	<u>New or Cont'd</u>	<u>Lead Agency</u>	<u>NEPA Lead Agency</u>	<u>For Continuing Projects: Prior Year NEPA</u>	<u>NEPA Status: FY 02 Activity</u>
NOAA						
02012-BAA	Photographic and Acoustic Monitoring of Killer Whales in Prince William Sound and Kenai Fjords	Cont'd	NOAA	NOAA	CE	
02195	Pristane Monitoring in Mussels	Cont'd	NOAA	NOAA	CE	
02290	Hydrocarbon Database and Interpretation Service	Cont'd	NOAA	NOAA	CE	
02360-BAA	The <i>Exxon Valdez</i> Oil Spill: Guidance for Future Research Activities	Cont'd	NOAA	NOAA	CE	
02396	Alaska Salmon Shark Assessment	Cont'd	NOAA	NOAA	CE	
02401	Assessment of Spot Shrimp Abundance in Prince William Sound	Cont'd	NOAA	NOAA	CE	
02476	Effects of Oiled Incubation Substrate on Pink Salmon Reproduction	Cont'd	NOAA	NOAA	CE	
02492	Were Pink Salmon Embryo Studies in Prince William Sound Biased?	Cont'd	NOAA	NOAA	CE	
02543	Evaluation of Oil Remaining in the Intertidal from the <i>Exxon Valdez</i> Oil Spill	Cont'd	NOAA	NOAA		
02674-BAA	Assessing Pigeon Guillemot Restoration Techniques	New	NOAA	NOAA		
USFS						
02256B-CLO	Sockeye Salmon Stocking at Solf Lake	Cont'd	USFS	USFS	CE	
ALL						
02100	Public Information, Science Management, and Administration	Cont'd	ALL	N/A	N/A	N/A (administrative only)
02126	Habitat Protection and Acquisition Support	Cont'd	ALL	N/A	N/A	N/A (administrative only)
02250	Project Management	Cont'd	ALL	N/A	N/A	N/A (administrative only)
02455	GEM Data System	Cont'd	ALL	N/A	N/A	N/A (administrative only)
02535	EVOS Trustee Council Restoration Program Final Report	Cont'd	ALL	N/A	N/A	N/A (administrative only)

NEPA STATUS: FY 02 WORK PLAN (projects approved by Trustee Council 8/6/01)

<u>Proj.No.</u>	<u>Project Title</u>	<u>New or Cont'd</u>	<u>Lead Agency</u>	<u>NEPA Lead Agency</u>	<u>For Continuing Projects: Prior Year NEPA</u>	<u>NEPA Status: FY 02 Activity</u>
02550	Alaska Resources Library and Information Services (ARLIS)	Cont'd	ALL	N/A	N/A	N/A (administrative only)
02630	Planning for Long-Term Monitoring and Research Program	Cont'd	ALL	N/A	N/A	N/A (administrative only)

SPRI SHEET B: TRUSTEE COUNCIL ACTION (8/) / FY 02 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	TC Approve 8/6/01	Defer to December	FY03 Recom.	Sum FY 02-03
02558	Harbor Seal Recovery: Application of New Technologies for Monitoring Health	S. Atkinson/UAF	ADFG	Cont'd 2nd yr. 3 yr. project	\$292.3	\$0.0		\$292.3

Project Abstract

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 (T₄), triiodothyronine (T₃), 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.

Chief Scientist's Recommendation

This project is documenting changes in the immune and endocrine markers in the blood of captive harbor seals, and will use rehabilitating seals to determine if such measures have a relationship to contaminants. The project is on track to meet its objectives: assays have been validated, monoclonal antibodies for harbor seal immunoglobulins are being developed, and blood samples have been analyzed for thyroid hormones. Fund.

Trustee Council Action

Fund contingent on receipt of information from the principal investigator regarding the availability of federal funds for research on harbor seals at the Alaska SeaLife Center. This project is employing new technologies at the Alaska SeaLife Center to assess and monitor the health of harbor seals. [Note: Funding includes \$163,900 for Alaska SeaLife Center bench fees.]

SPREADSHEET B: TRUSTEE COUNCIL ACTION (8/6/01) / FY 02 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	TC Approve 8/6/01	Defer to December	FY03 Recom.	Sum FY 02-03
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	\$26.8	\$0.0	\$0.0	\$26.8

Project Abstract

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 and 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 closeout year for this project.

Chief Scientist's Recommendation

This has been a highly successful program for involving the subsistence community in research on a valuable resource. The scientific community has benefited from obtaining samples of harbor seal tissues that were otherwise unavailable. A large number of projects have used samples from this activity in the past and there appears to be a use for samples currently being archived and which may be analyzed in the future. However, the information in the Detailed Project Description with regard to the number of tissue types sampled and the distribution of collection sites for the samples has not been updated. Also, in FY 01 the Trustee Council requested that this program coordinate with other statewide programs on harbor seals and this issue is not addressed. Fund revised proposal, which addresses these issues.

Trustee Council Action

Fund revised proposal, which updates information on the number and distribution of samples collected, the sample database, and activities undertaken to integrate the EVOS biosampling program with efforts underway statewide, contingent on (a) receipt of information from the Alaska Native Harbor Seal Commission on the availability of federal funds for the Commission to undertake work related to harbor seals and (b) submittal of the 00245 report (due July 31, 2001). This project will continue the Alaska Native Harbor Seal Commission's biological sample collection program for harbor seals in the spill area. This multi-year project has successfully provided samples to harbor seal researchers. FY 02 was expected to be the final year of Council support, but this might be the type of community effort that is appropriate under GEM.

SPRE SHEET B: TRUSTEE COUNCIL ACTION (8/) / FY 02 WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	TC Approve 8/6/01	Defer to December	FY03 Recom.	Sum FY 02-03
02395	Workshop on Nearshore/Intertidal Monitoring	T. Dean/Coastal Resources Associates, C. Schoch/Kachemak Bay NERR	ADFG	New 1st yr. 1 yr. project	\$63.6	\$0.0	\$0.0	\$63.6
	<u>Project Abstract</u>	<u>Chief Scientist's Recommendation</u>					<u>Trustee Council Action</u>	
	This project will produce a draft nearshore monitoring plan that provides a framework for future monitoring. A preliminary draft plan will be developed by the principal investigators that includes consideration of existing programs in the Lower 48 (e.g., PICES/North Pacific Marine Science Organization and PISCO/Partnership for the Interdisciplinary Study of Coastal Oceans) and Alaska (e.g., Prince William Sound and Cook Inlet Regional Citizens' Advisory Commissions). This draft will then be reviewed by a panel of four to five independent experts in nearshore marine ecology representing various interests and disciplines. A revised plan will be produced and presented to agencies, stakeholders, and other interest parties at a workshop held in conjunction with the EVOS Annual Workshop in January 2002.	A combined proposal is requested to include projects 02395 and 02569/Workshop on Gulf of Alaska Monitoring Network, with the overall objective of conducting a workshop to develop options for long-term monitoring of the nearshore/intertidal area. The revised proposal should include (a) community participation in the workshop, including funding for travel, (b) identification of the workshop objective as development of a range of options for intertidal monitoring design, for a network of sites, and broad community participation, (c) coordination with Trustee Council staff in putting together the workshop, (d) demonstration of a working relationship with other institutions and scientists supportive of the objectives of the workshop, including a list of expected participants, and (e) the process the principal investigators will use to cooperatively come to recommendations, including research priorities, once the workshop is complete. Fund contingent on successful review of revised proposal.					Fund contingent on submittal and approval of a revised Detailed Project Description and budget for the \$63,600 requested, but that allocates within this amount \$5,000 in travel funds for community participation in the workshop. This project will use a workshop-based approach to develop options for long-term monitoring of the nearshore/intertidal area. The workshop and development of resulting recommendations are to be a collaborative effort between the two proposers, and should include the close involvement of researchers in the other Trustee agencies (U.S. Geological Survey and others). The workshop may identify pilot or preliminary work to be invited on nearshore/intertidal monitoring later in FY 02 or FY 03. A small amount of funds have been set aside for this purpose in FY 02 (see Project 02681). Nearshore/intertidal monitoring is expected to be an integral part of GEM.	

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

FROM: Sandra Schubert, Program Coordinator *S. Schubert*

THROUGH: Molly McCammon, Executive Director *M. McCammon*

DATE: August 3, 2001

RE: Quarterly Project Status Summary -- April 1 - June 30, 2001

This memorandum summarizes the status of reports for the quarter ending June 30, 2001, for all restoration projects funded by the Trustee Council for FY 92-00. The memorandum also includes progress updates for FY 01 projects and the status of the 22 NRDA reports that were not final at the time the settlement agreement was reached.

Attachment A summarizes the status of project reports (including NRDA reports) by agency.

Attachment B lists the reports that are significantly behind schedule. Reports are on this list if (1) their due dates have passed and they have not yet been submitted to the Chief Scientist, (2) they were reviewed by the Chief Scientist, returned to the PI for revision longer ago than six months, and have not been revised and resubmitted to the Chief Scientist, or (3) they were submitted to the Chief Scientist for peer review more than six months ago and have not yet been peer reviewed.

Attachment C summarizes activities conducted during the April-June quarter for all projects underway in FY 01.

As of June 30, 2001, a total of 369 restoration project reports had been peer reviewed and accepted by the Chief Scientist (this is up from 362 reports accepted as of March 31, 2001). Once accepted by the Chief Scientist, reports are submitted to the Alaska Resources Library and Information Services (ARLIS). As of June 30, 328 reports were available to the public through ARLIS and other libraries around the state (this is up from 324 reports available as of March 31, 2001). Please contact the Restoration Office or ARLIS if you would like a list of the reports that are currently available to the public.

My biggest concern continues to be the large number of late reports (see Att. B). A few of these reports date back several years. In addition, several FY 00 reports that were due April 15, 2001 have not been received. I would appreciate any help you can provide in seeing that PIs in your agency submit the required project reports.

Status of FY 92 Project Reports as of June 30, 2001

A total of 75 reports are being produced on projects funded in the 1992 Work Plan. These reports are considered "final" reports and are subject to peer review and approval by the Chief Scientist. (NOTE: Reports "in progress" are in peer review, are under revision by the PI in response to peer reviewer comments, or have been revised and are undergoing a second review by the Chief Scientist.)

<u>Reports Available to Public at ARLIS</u>	<u>Reports Accepted by Chief Scientist but Not Yet Available to Public</u>	<u>Reports in Progress</u>	<u>No Report Yet Submitted</u>
74	0	1	0

Status of FY 93 Project Reports as of June 30, 2001

A total of 28 final reports are being produced on projects funded in the 1993 Work Plan.

<u>Reports Available to Public at ARLIS</u>	<u>Reports Accepted by Chief Scientist but Not Yet Available to Public</u>	<u>Reports in Progress</u>	<u>No Report Yet Submitted</u>
25	1	1	1

Status of FY 94 Project Reports as of June 30, 2001

A total of 37 final reports are being produced on projects funded in the FY 94 Work Plan.

<u>Reports Available to Public at ARLIS</u>	<u>Reports Accepted by Chief Scientist but Not Yet Available to Public</u>	<u>Reports in Progress</u>	<u>No Report Yet Submitted</u>
36	1	0	0

Status of FY 95 Project Reports as of June 30, 2001

A total of 53 reports are being produced on projects funded in the FY 95 Work Plan. Beginning with the FY 95 project year, "annual" reports on continuing projects are peer reviewed, but are not required to be rewritten in response to peer review comments. Rather, the peer review comments are to be used to guide future work on the project.

<u>Reports Available to Public at ARLIS</u>	<u>Reports Accepted by Chief Scientist but Not Yet Available to Public</u>	<u>Reports in Progress</u>	<u>No Report Yet Submitted</u>
52	1	0	0

Status of FY 96 Projects as of June 30, 2001

A total of 51 reports are being produced on projects funded in the FY 96 Work Plan.

<u>Reports Available to Public at ARLIS</u>	<u>Reports Accepted by Chief Scientist but Not Yet Available to Public</u>	<u>Reports in Progress</u>	<u>No Report Yet Submitted</u>
46	2	0	2

Status of FY 97 Projects as of June 30, 2001

A total of 53 reports are being produced on projects funded in the FY 97 Work Plan.

<u>Reports Available to Public at ARLIS</u>	<u>Reports Accepted by Chief Scientist but Not Yet Available to Public</u>	<u>Reports in Progress</u>	<u>No Report Yet Submitted</u>
49	3	2	0

Status of FY 98 Projects as of June 30, 2001

A total of 49 reports are being produced on projects funded in the FY 98 Work Plan.

<u>Reports Available to Public at ARLIS</u>	<u>Reports Accepted by Chief Scientist but Not Yet Available to Public</u>	<u>Reports in Progress</u>	<u>No Report Yet Submitted</u>
32	10	6	0

Status of FY 99 Projects as of June 30, 2001

A total of 59 reports are being produced on projects funded in the FY 99 Work Plan.

<u>Reports Available to Public at ARLIS</u>	<u>Reports Accepted by Chief Scientist but Not Yet Available to Public</u>	<u>Reports in Progress</u>	<u>No Report Yet Submitted</u>
10	26	12	11

Status of FY 00 Projects as of June 30, 2001

A total of 47 reports are being produced on projects funded in the FY 99 Work Plan.

<u>Reports Available to Public at ARLIS</u>	<u>Reports Accepted by Chief Scientist but Not Yet Available to Public</u>	<u>Reports in Progress</u>	<u>No Report Yet Submitted</u>
0	6	16	25

Status of FY 01 Projects as of June 30, 2001

A project-by-project summary of activities conducted during the April-June quarter is presented in **Attachment C**.

Status of NRDA Reports as of June 30, 2001

A total of 22 NRDA reports that were not final at the time the settlement agreement was reached are in the process of being finalized.

<u>Reports Available to Public at ARLIS</u>	<u>Reports Accepted by Chief Scientist but Not Yet Available to Public</u>	<u>Reports in Progress</u>	<u>No Report Yet Submitted</u>
21	0	1	0

ATTACHMENT A

Summary of Project Report Status as of June 30, 2001

1992 WORK PLAN

AGENCY	NUMBER OF REPORTS	Not Yet Submitted to Chief Sci.	In Progress	Peer Rev'd/ Accepted by Chief Scientist	Available to Public at ARLIS
ADEC	2	0	0	2	2
ADFG	26	0	1	25	25
ADNR	1	0	0	1	1
DOI	33	0	0	33	33
NOAA	11	0	0	11	11
USFS	2	0	0	2	2
TOTAL	75	0	1	74	74

1993 WORK PLAN

AGENCY	NUMBER OF REPORTS	Not Yet Submitted to Chief Sci.	In Progress	Peer Rev'd/ Accepted by Chief Scientist	Available to Public at ARLIS
ADEC	2	0	0	2	2
ADFG	12	1	1	10	10
ADNR	0	0	0	0	0
DOI	9	0	0	9	9
NOAA	3	0	0	3	3
USFS	2	0	0	2	1
TOTAL	28	1	1	26	25

1994 WORK PLAN

AGENCY	NUMBER OF REPORTS	Not Yet Submitted to Chief Sci.	In Progress	Peer Rev'd/ Accepted by Chief Scientist	Available to Public at ARLIS
ADEC	1	0	0	1	1
ADFG	19	0	0	19	19
ADNR	2	0	0	2	2
DOI	6	0	0	6	5
NOAA	5	0	0	5	5
USFS	4	0	0	4	4
TOTAL	37	0	0	37	36

ATTACHMENT A

Summary of Project Report Status as of June 30, 2001

1995 WORK PLAN

AGENCY	NUMBER OF REPORTS	Not Yet Submitted to Chief Sci.	In Progress	Peer Rev'd/ Accepted by Chief Scientist	Available to Public at ARLIS
ADEC	4	0	0	3	4
ADFG	27	0	0	26	26
ADNR	1	0	0	1	1
DOI	7	0	0	7	7
NOAA	8	0	0	8	8
USFS	6	0	0	6	6
TOTAL	53	0	0	51	52

1996 WORK PLAN

AGENCY	NUMBER OF REPORTS	Not Yet Submitted to Chief Sci.	In Progress	Peer Rev'd/ Accepted by Chief Scientist	Available to Public at ARLIS
ADEC	1	0	0	1	0
ADFG	27	2	0	25	25
ADNR	3	0	0	3	3
DOI	4	0	0	4	3
NOAA	9	0	0	9	9
USFS	7	0	0	6	6
TOTAL	51	2	0	48	46

1997 WORK PLAN

AGENCY	NUMBER OF REPORTS	Not Yet Submitted to Chief Sci.	In Progress	Peer Rev'd/ Accepted by Chief Scientist	Available to Public at ARLIS
ADEC	2	0	0	2	2
ADFG	28	0	2	26	28
ADNR	4	0	0	4	4
DOI	6	0	0	6	6
NOAA	7	0	0	7	7
USFS	6	0	0	6	6
TOTAL	53	0	2	51	53

ATTACHMENT A

Summary of Project Report Status as of June 30, 2001

1998 WORK PLAN

AGENCY	NUMBER OF REPORTS	Not Yet Submitted to Chief Sci.	In Progress	Peer Rev'd/ Accepted by Chief Scientist	Available to Public at ARLIS
ADEC	1	0	1	0	0
ADFG	21	0	2	19	13
ADNR	2	0	0	2	2
DOI	6	0	0	6	6
NOAA	13	0	1	12	9
USFS	4	0	2	2	2
TOTAL	47	0	6	41	32

1999 WORK PLAN

AGENCY	NUMBER OF REPORTS	Not Yet Submitted to Chief Sci.	In Progress	Peer Rev'd/ Accepted by Chief Scientist	Available to Public at ARLIS
ADEC	2	1	0	1	0
ADFG	25	3	6	16	0
ADNR	4	0	1	3	2
DOI	10	0	3	7	2
NOAA	13	6	1	6	5
USFS	5	1	1	3	1
TOTAL	59	11	12	36	10

2000 WORK PLAN

AGENCY	NUMBER OF REPORTS	Not Yet Submitted to Chief Sci.	In Progress	Peer Rev'd/ Accepted by Chief Scientist	Available to Public at ARLIS
ADEC	2	1	1	0	0
ADFG	19	12	6	1	0
ADNR	1	0	0	1	0
DOI	8	3	2	3	0
NOAA	16	9	7	0	0
USFS	1	0	0	1	0
TOTAL	47	25	16	6	0

ATTACHMENT A
 Summary of Project Report Status as of June 30, 2001

NRDA REPORT COMPLETION

AGENCY	NUMBER OF REPORTS	Not Yet Submitted to Chief Sci.	In Progress	Peer Rev'd/ Accepted by Chief Scientist	Available to Public at ARLIS
ADEC	1	0	0	1	1
ADFG	17	0	1	16	16
DOI	2	0	0	2	2
NOAA	2	0	0	2	2
TOTAL	22	0	1	21	21

ATTACHMENT B
Overdue Reports (as of 8/3/01)

Agency	Project Number	PI	Final or Annual	Project Title	Status of Report
ADEC	98291	See	Final	Chenega shoreline oiling	Peer reviewed; returned to PI for revision 2/18/00.
ADEC	00530	See	Final	Lessons learned	Never submitted; was due 7/13/00; then expected 11/30/00; still not received.
ADFG	FS13	Baker	Final	Effects of hydrocarbons on bivalves	Peer reviewed; returned to PI for revision 11/11/98. Revision was expected early summer 2000; still not received.
ADFG	93033-1	Rothe	Final	Harlequin duck - Afognak habitat assessment/PWS production	Peer reviewed; returned to PI for revision 11/14/95; most recent due date was 7/1/98; then expected 5/31/00; still not received.
ADFG	93033-2	Rothe	Final	Harlequin restoration	Never submitted; most recent due date was 7/1/98; then expected 5/31/00; still not received.
ADFG	96258A-1	Edmundson	Final	Sockeye: Kenai	Never submitted; was due 1/1/98 (with manuscript). PI retired 6/1/00; Edmundson has been assigned as new PI and will complete report as part of his PhD directed study--expect to submit January 2002.
ADFG	96258A-2	Swanton	Final	Sockeye: Kodiak	Never submitted; was due 10/30/97; then expected 3/31/00; now expected 6/20/01.
ADFG	98191A	Willette	Final	Oil-related embryo mortality	Peer reviewed; returned to PI for revision 4/20/00.
ADFG	99052B	Brown-Schwalenberg	Annual	TEK	Peer reviewed; returned to PI for revision 9/11/00.
ADFG	99127	Kompkoff	Annual	Tatitlek coho release	Never submitted; was due 4/15/00
ADFG	99139A2	Dickson	Final	Port Dick restoration	Peer reviewed; returned to PI for revision 12/15/00.
ADFG	99162B	Kennedy	Ms.	Herring disease	4 manuscripts were due 9/30/00; 3 not submitted.
ADFG	99252-1	L. Seeb	Final	Genetics project: pollock component	Never submitted; was due 9/30/99; then expected 4/30/00; still not received.
ADFG	99252-2	L. Seeb	Final	Genetics project: black rockfish component	Never submitted; was due 1/31/00; then expected 6/30/00; still not received.
ADFG	99263	Meganack	Annual	Port Graham streams	Peer reviewed; returned to PI for revision 9/1/00.

ATTACHMENT B
Overdue Reports (as of 8/3/01)

ADFG	99375	E. Brown	Final	Herring egg distribution	Due 9/30/00; 2 of 4 chapters (ms.) were submitted 12/9/00; peer review on hold until complete report submitted--now expected 6/30/01.
ADFG	00052	P. Brown-Schwalenberg	Annual	Community involvement	Never submitted; was due 5/1/01.
ADFG	00127	G. Kompkoff	Final	Tatitlek coho release	Never submitted; was due 4/15/01.
ADFG	00263	Meganack	Final	Port Graham streams	Never submitted; was due 12/15/00.
ADFG	00610	Brown-Schwalenberg	Annual	Kodiak Youth Area Watch	Never submitted; was due 4/15/01.
ADFG	01064	Frost	Ms.	Harbor seals	Three of 7 ms. were due 3/00; not yet submitted.
ADFG	01131	Daisy	Final	Chugach clam restoration	Never submitted; was due 4/15/01.
DOI	00163	Piatt	Final	APEX-Subproject M	Never submitted; was due 9/30/00.
DOI	00479	Piatt	Annual	Effects of food stress	Two of 3 manuscripts not yet submitted.
DOI	00501	Piatt	Final	Seabird monitoring protocols	Never submitted; was due 9/30/00; due date extended to 10/31/00.
NOAA	99328	Carls	Final	Spill impacts: herring synthesis	Peer reviewed; returned to PI for revision 12/15/00.
NOAA	98347	Heintz	Annual	Fatty acids	Report accepted but letter requested 3/20/00; response not received; now expected 2/1/01.
NOAA	99163	Duffy, et al	Final	APEX	Never submitted; was due 9/30/00 (all done except Piatt's subproject M).
NOAA	99090	Carls	Final	Mussel bed monitoring	Never submitted due to loss of 2 ABL personnel; was due 4/15/00; due date was extended to 8/25/00; then expected 1/1/01; now expected 2/02. (2 ms. due 9/30/00 have also not been submitted)
NOAA	99330-2	Pimm	Final	Mass-balance model	Never submitted; as of 4/00 was "expected shortly"; still not received.
NOAA	99347	Heintz	Final	Fatty acids & lipids RE diet composition	Never submitted; was due 9/30/00; now expect 10/30/01.

ATTACHMENT B
Overdue Reports (as of 8/3/01)

NOAA	99361	Allen	Video	Dynamic graphical techniques	Never submitted; was due 9/30/99; then expected 7/21/00; then 10/00; still not received.
NOAA	99368	Whitney	Maps	PWS ESI summary maps	Maps were due 9/30/99; received digital maps 5/10/01; now expect poster maps Summer 2001.
NOAA	00048	Ruggerone	Ms.	Sockeye salmon	2 manuscripts were due 12/99; then expected 11/15/00 and 3/01; nothing received yet.
NOAA	00195	Short	Annual	Pristane	Never submitted; was due 4/15/01; now expect 7/1/01.
NOAA	00287	Day	Final	Seabird-oceanographic relationships in NGOA	Never submitted; was due 5/15/01.
NOAA	00330	Pauly & Okey	Ms.	Mass-balance model	4 manuscripts were due 9/30/00; 2 not submitted.
NOAA	00393	Kline	Annual	PWS food webs	Never submitted; was due 4/15/01.
NOAA	00414	Allen	Web	Ecosystem projects on web	Never submitted; was due 9/30/00; due date extended to 12/20/00; still not received.
NOAA	00476	Heintz	Annual	Oiled incubation substrate	Never submitted; was due 4/15/01; now expect 6/15/01.
NOAA	00510	McDonald	Ms.	Intertidal monitoring recommendations	Never submitted; manuscript was due 4/15/00.
NOAA	00552	Vaughn	Annual	PWS/GOA exchange	Never submitted; was due 4/15/01.
NOAA	00598	Short	Ms.	EVO vs. regional background hydrocarbons	Never submitted; was due 8/00; now expect 7/1/01.
USFS	98145	Reeves	Final	Cutts & dollys: anadromous forms	Peer reviewed; returned to PI for revision 12/15/00.
USFS	99339-2	Suring	Final	Human use model & recommendations	Never submitted; was due 12/31/99, then expected 4/15/00, still not received.

The following reports were submitted to the Chief Scientist for peer review more than 6 months ago:

98320	Cooney, et al	Final	SEA	Submitted for peer review 2/24/00.
99188	Joyce	Final	Otolith marking	Submitted for peer review 9/20/00.
99327	Roby	Annual	Pigeon guillemots	Submitted for peer review 4/28/00.
00482	Jellett	Final	PSP test kit	Submitted for peer review 12/28/00.

**Exxon Valdez Oil Spill Project Status Summary
 FY 01 Work Plan
 Quarter Ending June 30, 2001**

<u>Proj.No.</u>	<u>Project Title</u>	<u>Proposer</u>	<u>Lead Agency</u>
01012-BAA	Photographic and Acoustic Monitoring of Killer Whales in Prince William Sound and Kenai Fjords	C. Matkin/North Gulf Oceanic Society	NOAA

Project Tasks to be Completed this Quarter

Oct-Dec

UNDERWAY-Input data into GIS system
 UNDERWAY-Analyze photos from 2000 fieldwork
 UNDERWAY-Acoustic analysis of calls from previous year

Jan - March

UNDERWAY-Winter recordings in Seward from remote hydrophone

April-June

UNDERWAY (ADDITIONAL DATA NEEDED FROM 2001)-Publish paper on population dynamics of killer whale pods since EVOS
 DONE-Annual report due 4/15/01

July-Sept

UNDERWAY-Field work

Conferences

Conference in Vancouver in November 2001 (\$1.1)

Publications

DELAYED-Matkin, et al. Populations of killer whales in PWS 11 years after EVOS; submit to Marine Mammal Science
 SUBMITTED-Saulitis, et al. Acoustic behavior of AT1 transient group in PWS; submit to Animal Behavior

Exxon Valdez Oil Spill Project Status Summary FY 01 Work Plan Quarter Ending June 30, 2001

<u>Proj.No.</u>	<u>Project Title</u>	<u>Proposer</u>	<u>Lead Agency</u>
01052	Community Involvement Planning for GEM	P. Brown- Schwalenberg/CRRC	ADFG

Project Tasks to be Completed this Quarter

Oct-Dec

DONE-Contract with Science Advisor
DONE-Contract with TEK Specialist
DONE-Renew contracts with communities
UNDERWAY-Develop monitoring parameters to be included in GEM plan
UNDERWAY-Refine list of community interests and objectives for GEM
DONE-Participate in EVOS GEM Workshop

Jan-March

UNDERWAY-Hold individual workshops in 5 communities
UNDERWAY-Develop individual community plans

April-June

UNDERWAY-Annual report due 4/15/01
UNDERWAY-Submit proposals for pilot projects

July-Sept

FY 00 tasks not completed during FY 00 (Molly sent letter to PI 11/29/00):

UNDERWAY-Identify species on which to develop monitoring programs at local level
UNDERWAY-Pilot communities talk to adjacent landholders regarding stewardship & mgt.
UNDERWAY-Develop draft GEM Community Integration Plan
UNDERWAY-Work with non-pilot communities to develop tribal natural resource mgt. programs

**Exxon Valdez Oil Spill Project Status Summary
FY 01 Work Plan
Quarter Ending June 30, 2001**

<u>Proj.No.</u>	<u>Project Title</u>	<u>Proposer</u>	<u>Lead Agency</u>
01064-CLO	Monitoring, Habitat Use, and Trophic Interactions of Harbor Seals in Prince William Sound	K. Frost, ADFG	ADFG

Project Tasks to be Completed this Quarter

The final report (and the manuscripts it will largely consist of) for this multi-year project will be tracked under 01064. The following list of manuscripts and due dates have been approved by the Chief Scientist and appended to the FY 01 DPD. This list supersedes the lists of manuscripts and the schedules in both the 00064 and 01064 DPDs.

Accepted for Publication

- Frost, K. J., Simpkins, M. A. and L. F. Lowry. Diving behavior of subadult and adult harbor seals in Prince William Sound, Alaska, 1992-1996. *Marine Mammal Science*. (00064 DPD, part of #1)
- Lowry, L. F., Frost, K. J., Ver Hoef, J. M. Movements of satellite-tagged subadult and adult harbor seals in Prince William Sound, Alaska, 1992-1997. *Marine Mammal Science*. (00064 DPD, part of #1)

Submitted

- Ver Hoef, J. M. and Frost, K. J. Bayesian hierarchical model for monitoring harbor seal changes in Prince William Sound, Alaska. *Environmental and Ecological Statistics*, revised and resubmitted January 2001 (00064 DPD, #2)

Drafted, near submission

- Iverson, S. J., Frost, K. J. and Lang, S. L. C. Fat content and fatty acid composition of forage fishes in Prince William Sound, Alaska: variation with species, diet and seasonal blooms. *Canadian Journal of Fisheries and Aquatic Sciences*. March 2000 (00064 DPD, part of #4)
- Iverson, S. J., Field, C., Bowen, W. D. and Blanchard, W. Quantitative fatty acid signature analysis: statistical modeling marine mammal diets from fat stores. *Ecology*. March 2000 (00064 DPD, part of #4)

to be drafted

- Frost, K. F., Lowry, L. F., and ver Hoef, J. M. Trends in harbor seal abundance in Prince William Sound, Alaska, based on molting-period counts of during 1984-2000. *Marine Mammal Science*. March 2002 (01064 DPD, #8)
- Frost, K. J., Simpkins, M. A. and L. F. Lowry. Diving behavior of harbor seal pups in Prince William Sound, Alaska, 1997-2000. *Marine Mammal Science*. September 2001 (01064 DPD, #9)
- Iverson, S. J., Frost, K. J. and Burns, J. M. Links between diet and energy storage in juvenile harbor seals in Prince William Sound, Alaska. *Journal of Animal Ecology*. June 2001 (new)
- Iverson, S. J., Frost, K. J. and Lowry, L. F. Spatial and temporal scales of diet and foraging patterns of harbor seals in Prince William Sound, Alaska. *Ecological Applications*. December 2001 (01064 DPD, #6)
- Lowry, L. F., Frost, K. J., Ver Hoef, J. M. Movements of satellite-tagged harbor seal pups in Prince William Sound, Alaska, 1997-2000. *Marine Mammal Science*. September 2001 (00064 DPD, #3)

Final report

Will be submitted March 1, 2002

01100	Public Information, Science Management, and Administration	All Trustee Council Agencies	ALL
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Project Tasks to be Completed this Quarter

N/A

**Exxon Valdez Oil Spill Project Status Summary
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<u>Proj.No.</u>	<u>Project Title</u>	<u>Proposer</u>	<u>Lead Agency</u>
01126	Habitat Protection and Acquisition Support	C. Fries/ ADNR, K. Holbrook/USFS, G. Elison/DOI	ALL

Project Tasks to be Completed this Quarter**ADNR**

REVIEW APPRAISAL DONE-Old Harbor land exchange: conduct public process, review appraisal & title & closing documents

UNDERWAY-Koniag Phase II: review title & closing documents

DONE; BEING REVIEWED BY SELLER -Karluk Village Council: complete appraisal review

NEGOTIATIONS UNDERWAY-Pursue 2 small parcels:

KEN 309, Icicle Seafoods

KEN 310, Swartzes Enterprises

ALSO, NEGOTIATIONS UNDERWAY ON DUCK FLATS PARCELS

ADF&G

NEGOTIATIONS UNDERWAY-Pursue 3 small parcels:

LANDOWNER OPTED OUT OF PROCESS-KEN 293, Yager

OFFER MADE BY TC 5/3/01-KEN 294, Eliot

LANDOWNER REJECTED OFFER-KEN 295, Brookwood

USFWS

UNDERWAY-Koniag Phase II: continue work to extend conservation easement

-Akiok-Kaguyak V: conduct closing for final 75 acres

NEGOTIATIONS UNDERWAY-Pursue several small parcels:

KAP 281, Shugak

KAP 283, Metrokin

KAP 285, Carlson

51 PURCHASED; OFFERS HAVE BEEN MADE ON 5 OTHERS-Kodiak tax & Larsen Bay shareholder parcels

USFS

UNDERWAY-Acquire PWS 1028, Valdez Duck Flats

ALL PURCHASED BY OTHER PURCHASER (CHUGACH ALASKA CORPORATION)-Pursue 13 Tatitlek homesites

ALSO, NEGOTIATIONS UNDERWAY ON DUCK FLATS PARCELS

01131	Chugach Native Region Clam Restoration	D. Daisy/CRRC	ADFG
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Project Tasks to be Completed this Quarter

April 15, 2001

DELAYED; NOW EXPECTED 8/30/01-Submit final report

**Exxon Valdez Oil Spill Project Status Summary
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<u>Proj.No.</u>	<u>Project Title</u>	<u>Proposer</u>	<u>Lead Agency</u>
01144	Common Murre Population Monitoring	D. Roseneau/USFWS	DOI

Project Tasks to be Completed this QuarterOct-Dec

DONE-Arrange vessel contract

Jan-Mar

DONE-Arrange for hiring seasonal employee

April-June

DONE-Arrange equipment & gear

July-Sept

-Field work at Chiswell Islands murre colonies

-Enter data

01154	Archaeological Repository, Display Facilities, and Exhibits for Prince William Sound and Lower Cook Inlet	J. Bittner/ADNR	ADNR
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Project Tasks to be Completed this Quarter'01 activities:

CORDOVA AND PORT GRAHAM UNDERWAY; NANWALEK MOVED TO SECOND GROUP (DELAYED TO

12/31/01)-Complete first group of local display facilities (Cordova, Seldovia, Port Graham, Nanwalek)

DELAYED TO 9/30/01-Plan and design second group of local display facilities (Valdez, Tatitlek, Chenega Bay)

UNDERWAY-Plan and design first group of traveling exhibits

UNDERWAY-Develop training program for personnel in local display facilities

APPROVED BY TC 12/4/00-Work on repository

APPROVED BY TC 12/4/00-Proposal development and design of a local display facility in Seward

DONE 1/01-Issue RFP for second round of display facilities

01159	Surveys to Monitor Marine Bird Abundance in Prince William Sound During Winter and Summer	D. Irons, R. Suryan/USFWS	DOI
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Project Tasks to be Completed this QuarterOct-Dec

UNDERWAY-Rewrite computer programs for data analysis

Jan-MarApril-June

DONE-Submit annual report 4/15/01

July-Sept

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<u>Proj.No.</u>	<u>Project Title</u>	<u>Proposer</u>	<u>Lead Agency</u>
01163-CLO	Alaska Predator Ecosystem Experiment in Prince William Sound and the Gulf of Alaska (APEX)	D. Duffy/Paumanok Solutions, et al	NOAA

Project Tasks to be Completed this Quarter

by Sept 30, 2001

-Final manuscripts due for papers

01190	Construction of a Linkage Map for the Pink Salmon Genome	F. Allendorf/Univ. Montana	ADFG
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Project Tasks to be Completed this Quarter

Oct-Dec

UNDERWAY ON 10 EMBRYOS FROM EACH OF THE 68 FAMILIES OF THE 1999 COHORT-Genetic analyses of fry from 1999 cohort sampled at time of release from ASLC

DONE ON ALL 36 MARKED PINK SALMON ADULTS-Morphological analyses of adults from 1998 cohort that return to ASLC

ALSO, CONDUCTED FLOW TEST ON FISH PASS, WHICH INDICATES MODIFICATIONS NEED TO BE MADE TO THE FISH PASS AND ALTERNATIVE PLANS NEED TO BE DEVELOPED FOR COLLECTING RETURNING ADULTS. REVISED PLANS TO NOW INCREASE SAMPLING EFFORT IN UPPER RESURRECTION RIVER TO COLLECT RETURNING ADULTS.

ALSO, WORK CONTINUES ON EVEN-YEAR PINK SALMON LINKAGE MAP.

Oct-May

NO PROGENY DUE TO LOW NUMBER OF RETURNS COLLECTED AND THE LACK OF A MALE/FEMALE PAIR TO BE COLLECTED FROM THE SAME FAMILY; NO FISH ARE CURRENTLY BEING RAISED AT ASLC-Rear experimental progeny from 2000 cohort at ASLC

Oct-July

DONE; ANALYZED 11 LOCI IN ALL 36 ADULTS COLLECTED FROM UPPER RESURRECTION BAY IN AUGUST

2000-Perform genetic analyses of sexually mature 1998 cohort that return to ASLC

ALSO PREPARED FOR FIELD SEASON (ALL ADF&G PERMITS RECEIVED; PUBLIC NOTIFICATION IN PROCESS)

Oct-Sept

DONE ON 50 INDIVIDUALS FROM 7 FAMILIES; MS. IN PREP. TO BE SUBMITTED TO MOLECULAR BIOLOGY & EVOLUTION-Continue genetic analyses of microsatellite mutations in 1998 and 1999 cohorts

-Continue morphological and genetic analyses of returning sexually mature fish from the 1999 cohort

April 15

DONE-Annual report due

Conferences

DID NOT PARTICIPATE-Plant & Animal Genome Mapping Meeting, San Diego, January

Manuscripts

-Lindner, et al. Submitted. Gene-centromere mapping of 312 loci in pink salmon by half-tetrad analysis

-Lindner, et al. To be submitted to Genetics. Linkage map for pink salmon based on gynogenetic haploids & half-tetrads

Exxon Valdez Oil Spill Project Status Summary FY 01 Work Plan Quarter Ending June 30, 2001

<u>Proj.No.</u>	<u>Project Title</u>	<u>Proposer</u>	<u>Lead Agency</u>
01195	Pristane Monitoring in Mussels	J. Short, P. Harris/NOAA	NOAA

Project Tasks to be Completed this Quarter

Oct-Dec

Jan-March

DONE-Attend meetings with hatcheries to discuss results and coordinate data collection
DONE-1st data collection trip

April-June

NO UPDATE PROVIDED

DELAYED-Submit annual report 4/15/01
-Collect mussel samples

July-Sept

-Analyze 2001 samples for pristane

Publications

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<u>Proj.No.</u>	<u>Project Title</u>	<u>Proposer</u>	<u>Lead Agency</u>
01210	Youth Area Watch	R. DeLorenzo/Chugach School District	ADFG

Project Tasks to be Completed this Quarter

Aug-Sept

DONE-Site teacher orientation

Oct-Dec

DONE-Select students for participation
DONE-Student orientation & training
DONE-Complete protocol training for teachers
DONE-Prepare weather station at each site

Jan-March

DONE-Coordinator sends data to PIs 3/1/01
ALSO, STUDENTS TRAVELED TO AUKE BAY LAB.

April-June

DONE-Site teacher follow-up training
DONE-Coordinator sends data to PIs 6/1/01
DONE-Students complete project reports 6/1/01

July-Sept

-

Ongoing Student Activities:

UNDERWAY-Maintain web site
-Bi-monthly mussel collection
-Daily weather station monitoring
STUDENT TRAINING UNDERWAY-Collect harbor seal samples with local hunters
PROPOSALS FOR LOCAL PROJECTS SUBMITTED-Conduct local projects
-Assist in documenting local TEK
-Interact and exchange information with PIs

**Exxon Valdez Oil Spill Project Status Summary
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<u>Proj.No.</u>	<u>Project Title</u>	<u>Proposer</u>	<u>Lead Agency</u>
01245	Community-Based Harbor Seal Management and Biological Sampling	V. Vanek/ADFG, M. Riedel/Alaska Native Harbor Seal Commission	ADFG

Project Tasks to be Completed this Quarter

Ongoing

- Collect biological samples
- Process samples

Oct-Dec

- DONE-Hold training sessions for new community technicians and students
- DONE (IN SPRING)-Hold training workshop in conjunction with ANHSC meeting (10/00)

Jan-Mar

- DELAYED-Produce & distribute newsletter (ANHSC)

April-June

- DUE DATE EXTENDED TO 6/30/01-Annual report due 4/15/01
- DONE-Hold workshop in conjunction with ANHSC meeting (4/01)
- DONE-Present community reports (5/01)

7-Sept

- Present biosampling demonstration to youth spirit camp participants

Exxon Valdez Oil Spill Project Status Summary FY 01 Work Plan Quarter Ending June 30, 2001

<u>Proj.No.</u>	<u>Project Title</u>	<u>Proposer</u>	<u>Lead Agency</u>
01247	Kametolook River Coho Salmon Subsistence Project	J. McCullough, L. Scarborough/ADFG	ADFG

Project Tasks to be Completed this Quarter

Oct-Dec

- DONE-Local assistants conduct stream surveys for coho & report findings to ADFG
- DONE-ADFG personnel travel to Perryville to capture adult coho & place in holding pens
- DONE-Set up school aquarium
- DONE-Obtain FTP
- DONE-Perform maintenance of instream incubation system
- DONE-Conduct escapement surveys
- DONE-Hatchery specialist provide additional training for Perryville assistants
- DONE-Perform coho salmon egg take, fertilize eggs, place in incubation boxes
- DONE-Sample salmon for genetic & pathology tests
- DONE-Meet with students & community to discuss project
- DONE-Meet with Chignik RPT/CRAA & Perryville Subsistence Work Group to discuss project

Dec-May

- DONE-Local assistants make monthly trips to incubation boxes to inspect condition of boxes & eggs
- DONE-ADFG analyze subsistence & commercial harvest data

April-June

- DONE-Meet with assessment team to evaluate project
- DONE-Local assistants monitor boxes for fry release
- DONE-Sanitize boxes after fry leaves
- AQUARIUM BROKE AND ALL EGGS DIED; NEW AQUARIUM HAS BEEN PURCHASED-Students release aquarium fry into Kametolook River

July-Sept

- RPT meet in Chignik Bay to review project status
- Local assistants conduct stream surveys

01250	Project Management	All Trustee Council Agencies	ALL
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Project Tasks to be Completed this Quarter

N/A

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<u>Proj.No.</u>	<u>Project Title</u>	<u>Proposer</u>	<u>Lead Agency</u>
01256B	Sockeye Salmon Stocking at Solf Lake	D. Gillikin/USFS, G. Todd/ADFG	USFS

Project Tasks to be Completed this Quarter

Oct-June

DONE-Rear sockeye fry at Main Bay (PWSAC)

April-June

DONE-Submit annual report (4/15/01)

DONE-Release 4th year of sockeye fry (PWSAC)

July-Sept

-Evaluate fishway & monitor returning adult salmon (USFS, April-July)

DELETED BECAUSE PEER REVIEW RECOMMENDATION IS TO CLOSE OUT PROJECT IN FY 02-Conduct egg takes for 2002 stocking (PWSAC, Aug)

01273-CLO	Scoter Life History and Ecology: Linking Satellite Technology with Traditional Knowledge to Conserve the Resource	D. Rosenberg/ADFG	ADFG
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Project Tasks to be Completed this Quarter

Oct-Dec

UNDERWAY-Data entry & analysis

UNDERWAY-GIS & map preparation

UNDERWAY-Maintain web site

April 15

DUE DATE EXTENDED TO 9/30/01-Submit final report & ms.

Conferences

DONE-North American Waterfowl Symposium, 10/00, Saskatchewan (\$1.7)

01290	Hydrocarbon Database and Interpretation Service	J. Short, B. Nelson/NOAA	NOAA
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Project Tasks to be Completed this Quarter

April 15

DONE-Submit annual report in form of updated release of hydrocarbon data software

Conferences

-Quality Assurance Control/NIST

**Exxon Valdez Oil Spill Project Status Summary
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<u>Proj.No.</u>	<u>Project Title</u>	<u>Proposer</u>	<u>Lead Agency</u>
01327-CLO	Pigeon Guillemot Restoration Research at the Alaska SeaLife Center	D. Roby/OSU, G. Divoky/UAF	DOI

Project Tasks to be Completed this Quarter

Oct-Dec

Jan-March

UNDERWAY-Complete lab analysis & data interpretation

April-June

UNDERWAY-Install artificial nest sites, decoys, & playback sound equipment at ASLC

UNDERWAY-Complete MS thesis

July-Sept

Dec 15, 2001

-Submit final report

01338	Survival of Adult Murres and Kittiwakes in Relation to Forage Fish Abundance	J. Piatt/USGS-BRD	DOI
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Project Tasks to be Completed this Quarter

Oct-Dec

Jan-Mar

April-June

UNDERWAY-Resighting effort on Gull and Chisik islands

July-Sept

-Submit final report (9/15/01)

**Exxon Valdez Oil Spill Project Status Summary
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<u>Proj.No.</u>	<u>Project Title</u>	<u>Proposer</u>	<u>Lead Agency</u>
01340	Toward Long-Term Oceanographic Monitoring of the Gulf of Alaska Ecosystem	T. Weingartner/UAF	ADFG

Project Tasks to be Completed this QuarterMonthly

UNDERWAY-CTD surveys
 UNDERWAY-Update homepage
 UNDERWAY-Prepare wind fields
 UNDERWAY-Acquire meteorological fields

Oct-Dec

DONE-Submit deployment procedure & initial sample data collection to RO
 DONE-Deploy mooring (Nov/Dec)

April 15, 2001

DONE-Submit annual report on FY 00 work

01341-CLO	Harbor Seal Recovery: Controlled Studies of Health and Diet	M. Castellini/UAF	ADFG
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Project Tasks to be Completed this QuarterOct-Dec

DONE-Close down ASLC operation; transfer samples & data to Fairbanks

Sept. 30, 2001

-Submit final report

01360-BAA	The Exxon Valdez Oil Spill: Guidance for Future Research Activities	C. Elfring/Polar Research Board, NRC	NOAA
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Project Tasks to be Completed this QuarterOct-Dec

DONE-3rd meeting (finalize interim report)

Jan-Mar

DONE-Interim report delivered & discussed
 DELAYED TO 8/31/01-Trustee Council deliver Research & Monitoring Plan

April-June

DELAYED TO 9/18-19/01-4th meeting (information gathering)
 DELAYED TO FY 02 (NOV. 2001)-5th meeting (deliberations on Research & Monitoring Plan)

July-Sept

DELAYED TO FY 02 (EARLY 2002)-6th meeting (report writing)
 DELAYED TO FY 02 (JANUARY 2002)-Submit final report for Academy outside review process

Exxon Valdez Oil Spill Project Status Summary FY 01 Work Plan Quarter Ending June 30, 2001

<u>Proj.No.</u>	<u>Project Title</u>	<u>Proposer</u>	<u>Lead Agency</u>
01366-CLO	Improved Salmon Escapement Enumeration Using Remote Video and Time-Lapse Recording Technology	E. Otis/ADFG	ADFG

Project Tasks to be Completed this Quarter

April 15

DONE-Submit final report

Conferences

DONE (PRESENTED PAPER)-AFS, Fairbanks, 11/00 (\$1.2)

FY 00 tasks not completed in FY 00:

DONE-Review tapes

DONE-Evaluate camera's performance against weir counts

01371-CLO	Effects of Harbor Seal Metabolism on Stable Isotope Ratio Tracers	D. Schell/UAF	ADFG
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Project Tasks to be Completed this Quarter

Oct-Dec

DONE-Feeding experiments

DONE-Amino acid isolation

DONE-Reverse labeling experiment

Jan-Mar

DONE-Amino acid isolation and stable isotope spectrometry

Mar-June

UNDERWAY-Data analysis and synthesis

Sep. 30, 2001

-Submit final report

Conferences

-Society for Marine Mammology &/or American Society for Limnology & Oceanography (\$2.3)

01385	Partnering with NOAA to Quantify and Monitor Environmental Attributes of Kachemak Bay	C. Schoch/ADFG	ADFG
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Project Tasks to be Completed this Quarter

Oct-Dec

DONE-Complete draft plan for deployment of data sondes & weather station in Kachemak Bay

June

DONE-Deploy data sondes

Sept

-Submit project report - ?

**Exxon Valdez Oil Spill Project Status Summary
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<u>Proj.No.</u>	<u>Project Title</u>	<u>Proposer</u>	<u>Lead Agency</u>
01389	3-D Ocean State Simulations for Ecosystem Applications from 1995-98 in Prince William Sound	J. Wang/UAF	ADFG

Project Tasks to be Completed this Quarter

Oct-Dec

DONE-Complete tide simulation & validations with 4 years of observations

Jan-Mar

-Complete preparing forcing data of the 4 years

CIRCULATION DONE; ECOSYSTEM UNDERWAY-Complete analysis of interannual variability of ocean circulation & ecosystem in PWS

April-June

July-Sept

UNDERWAY-Complete modeling of zooplankton overwintering

-Complete modeling of 1995-98

-Submit final report (9/30/01)

-Submit manuscript

Allen/Bodnar/Patrick Subcontract (completion dates not specified)

NOTE: THIS COMPONENT AUTHORIZED 1/19/01, WITH EXCEPTION OF J. ALLEN'S TASKS WHICH ARE NOT YET AUTHORIZED.

-Purchase UNIX workstation to sit at IMS-IARC as a server for SEA database and to be available for future GEM modeling projects

-Make the 1995-98 model outputs into the database and add new data to the server (Allen)

-Retrieve the SEA database from PWSSC and install it on the new server (Bodnar)

-Retrieve the SEA Information System and install it on the new server (Patrick)

Manuscripts

-Simulating interannual variability of ocean circulation of PWS; Jnl Geophys Research or Impact of ocean circulation on ecosystem in PWS, 1995-98

Conferences

-2000 Fall AGU Meeting, San Francisco (\$1.4)

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<u>Proj.No.</u>	<u>Project Title</u>	<u>Proposer</u>	<u>Lead Agency</u>
01391	Cook Inlet Information Management/Monitoring System (CIIMMS)	C. Fries/ADNR, J. Hock/ADEC	ADNR

Project Tasks to be Completed this Quarter

Oct-March

UNDERWAY-Access to specified databases completed

UNDERWAY-Data documentation (metadata) completed

DONE-Develop on-line user help

DONE-Develop technical specifications/system documentation, including long-term O&M plan

DONE (UAA SCIENCE FORUM IN JANUARY, AK FORUM ON ENVIRONMENT IN FEBRUARY, AK SURVEYING & MAPPING IN FEBRUARY)-Public outreach

April-June

UNDERWAY-Complete initial production phase of CIIMMS

July-Sept

-Submit final report (9/30/01)

FY 00 tasks not completed in FY 00:

DONE-Refine user interface

01393-BAA	Prince William Sound Food Webs: Structure and Change	T. Kline/PWSSC	NOAA
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Project Tasks to be Completed this Quarter

NOTE: PROJECT APPROVED BY TC 12/5/00

Oct-Dec

Jan-March

April-June

UNDERWAY-Complete last samples for mass spectrometry

July-Sept

-Complete mass spectrometry

-Process new isotope data

Conference

ABSTRACT SENT-Joint Assembly of International Association for Physical Sciences of Oceans, Mar del Plata, Argentina (\$2,300)

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<u>Proj.No.</u>	<u>Project Title</u>	<u>Proposer</u>	<u>Lead Agency</u>
01396	Alaska Salmon Shark Assessment	L. Hulbert/NOAA	NOAA

Project Tasks to be Completed this Quarter

NOTE: PROJECT AUTHORIZED TO PROCEED 1/22/01.

April-June

DONE-Submit annual report (April 15)

July-Sept

- Conduct field research
- Deploy tags
- Analyze data from FY 01 field season
- Analyze stomachs

01401	Assessment of Spot Shrimp Abundance in Prince William Sound	C. Hughey/ Valdez Native Tribe, C. O'Clair/ NOAA	NOAA
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Project Tasks to be Completed this Quarter

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DONE-Sample spot shrimp at ADF&G sampling sites and 6 additional sites

Nov-March

UNDERWAY-Process egg samples

UNDERWAY-Complete estimates of abundance, sex & size composition, & relative number of egg-bearing females

April 15

DONE-Submit annual report

April-Sept

-Complete estimates of fecundity & juvenile abundance

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<u>Proj.No.</u>	<u>Project Title</u>	<u>Proposer</u>	<u>Lead Agency</u>
01404	Testing Archival Tag Technology in Alaska Salmon	J. Nielsen/USGS-BRD	DOI

Project Tasks to be Completed this Quarter

NOTE: FUNDS FOR THIS PROJECT WERE APPROVED BY TC 12/5/00.

Dec-March

DONE-Purchase archive tags, dummy tags, and tags for buoy array

DONE-Establish holding facilities for salmon for use in implant studies at Fort Richardson fish hatchery

April-June

DONE-Control tests for surgical implants of tags for estimates of survival, handling stress, and delayed mortality in coho salmon

DONE-Surgical implants of archive tags in size-structured study groups (N=60)

UNDERWAY-Establish monitoring protocols for tag retention, growth, behavior, and survival

July-Sept

-Deploy light sensor tag array on stationary buoy in PWS

01407	Harlequin Duck Population Dynamics	D. Rosenberg/ADFG	ADFG
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Project Tasks to be Completed this Quarter

Oct-Dec

DONE-Coordinate and plan surveys

DONE-Prepare equipment

DONE-Contract for vessel support, hire personnel

Jan-March

DONE-Conduct population surveys

April-Sept

UNDERWAY-Data analysis and report preparation

UNDERWAY-Maintain equipment

DUE DATE EXTENDED TO 9/1/01-Annual report due 4/15/01

FY 00 tasks not completed in FY 00:

UNDERWAY-Create databases, GIS

UNDERWAY-Analyze field data

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<u>Proj.No.</u>	<u>Project Title</u>	<u>Proposer</u>	<u>Lead Agency</u>
01423	Patterns and Processes of Population Change in Selected Nearshore Vertebrate Predators	J. Bodkin, D. Esler/USGS-BRD, T. Dean/CRA, Inc.	DOI

Project Tasks to be Completed this Quarter

Oct-Dec

- DONE-Conduct studies of captive flock of harlequins at ASLC (with birds captured late FY 00)
- DONE-Capture harlequins for field studies of survival and CYP1A induction

Jan-March

- DONE-Biopsy livers of captive harlequins for EROD activity; release birds at original capture site

April-June

- DONE-Collect beach-cast carcasses of sea otters
- DONE-Submit annual report (4/15/01)

July-Sept

- Capture sea otters in WPWS for biosampling to monitor CYP1A
- Capture harlequins during wing molt for creation of year-2 captive flock

Conferences

- DON'T ATTEND DUE TO CONFLICTING DATES WITH EVOS ANNUAL WORKSHOP; SUBSTITUTED A DIFFERENT CONFERENCE (CONFERENCE NAME NOT PROVIDED)-2nd N. American Duck Conference, 10/11-15, 2000, Saskatchewan (Esler)
- DONE-Environmental Toxicology & Chemistry, 11/12-16, Nashville (Ballachey)

01424	Restoration Reserve	All Trustee Council Agencies	ALL
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Project Tasks to be Completed this Quarter

Under PL 106-113, Congress allowed for the deposit of the Joint Trust Fund in appropriate accounts outside the US Treasury. To date, the Trustee Council has adopted investment policies, asset allocations, and a payout schedule. A request to move the EVOS funds to an account in the state treasury was signed by Judge Holland in late September 2000. All funds were transferred from the Court Registry Investment System to the new Investment Fund on October 3, 2000. Staff and Trustees have undergone training per the policies adopted by the Council. The Restoration Reserve funds have now been added to remaining joint trust funds and are being managed as a single account. On October 1, 2002, the fund will be divided into 3 separate accounts: (1) \$29.9 million for the Koniag easement extension and possible permanent acquisition, (2) \$25.1 million for habitat, and (3) the balance, roughly \$131 million, for long-term monitoring and research.

01441-CLO	Harbor Seal Recovery: Effects of Diet on Lipid Metabolism and Health	R. Davis/Texas A&M Univ.	ADFG
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Project Tasks to be Completed this Quarter

Sept. 30, 2001

- Submit final report
- Submit 2 ms.: (1) effects of diet on fatty acids in blubber; (2) aerobic capacity & lipid metabolism in harbor seal muscle)

Conferences

- Biennial Meeting of Marine Mammal Society (\$1.4)

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<u>Proj.No.</u>	<u>Project Title</u>	<u>Proposer</u>	<u>Lead Agency</u>
01452-BAA	Assessing Prey and Competitor/ Predators of Pink Salmon Fry	R. Thorne, G. Thomas/PWSSC	NOAA

Project Tasks to be Completed this Quarter

NOTE: FUNDS FOR THIS PROJECT WERE APPROVED BY TC 12/5/00.

Jan-Mar

DONE-Review databases and models for program and survey design

DONE-Design and begin refinements of measurement systems

UNDERWAY-Design and begin assembling processing system for near-real time abundance estimates

April-June

NO UPDATE PROVIDED

-Field surveys

-Continue data analysis

July-Sept

-Evaluate and refine survey design

-Make initial predictions of recruitment

-Develop ms. for publication in a peer reviewed journal

April 15, 2002

-Submit final report

01454-CLO	Evidence and Consequences of Persistent Oil Contamination in Pink Salmon Natal Habitats	S. Rice/NOAA	NOAA
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Project Tasks to be Completed this Quarter

Oct-Dec

UNDERWAY-Complete GC/MS analysis of remaining samples

DONE-Complete analysis of growth

DONE-Complete histopathological/MFS analysis of fry

Jan-Mar

April-June

July-Sept

-Submit manuscripts (DPD lists 8)

-Submit final report (9/30/01)

Conferences

-SETAC (\$1.9)

FY 00 tasks not completed in FY 00:

-Tag cultured fry

Exxon Valdez Oil Spill Project Status Summary FY 01 Work Plan Quarter Ending June 30, 2001

<u>Proj.No.</u>	<u>Project Title</u>	<u>Proposer</u>	<u>Lead Agency</u>
01455	Gulf Ecosystem Monitoring and Research Program Data System	Restoration Office	ALL

Project Tasks to be Completed this Quarter

NOTE: FUNDS FOR THIS PROJECT WERE APPROVED BY TC 12/5/00.

Jan-March

UNDERWAY-Develop data manager job description

April-June

HIRING OF DATA MANAGER HAS BEEN POSTPONED TO EARLY FALL 2001

Advertise position

Screen applicants and conduct interviews

Make job offer

Data manager begins work (June 1)

01462-CLO	Effect of Disease on Pacific Herring Population Recovery in Prince William Sound	G. Marty/Univ. of California Davis	ADFG
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Project Tasks to be Completed this Quarter

Oct-Dec

DONE (SAMPLES FROM 100 HERRING)-Collect fall samples (Marty, UC Davis)

DONE-Scale analysis for age on fall samples (Carpenter, ADFG)

Jan-March

DONE-Virology & bacteriology of fall samples (Meyers, ADFG)

ALSO, MANUSCRIPT ACCEPTED FOR PUBLICATION: Quinn, et al. In press. Disease and population assessment of PWS Pacific herring. Proceedings of Herring 2000: Expectations for a New Millenium, Lowell Wakefield Fisheries Symposium, Feb. 2000.

April-June

DONE (COLLECTED 300 SAMPLES; COMPLETED SCALE ANALYSIS FOR ACE AND VIROLOGY AND BACTERIOLOGY WORK)-Collect spring samples (Marty)

July-Sept

-Complete statistical analysis (Marty)

-Complete scale analysis of spring samples (Carpenter)

-Virology & bacteriology of spring samples (Meyers)

CANCELED BECAUSE PROJECT IS BEING EXTENDED INTO FY 02; FINAL REPORT WILL BE SUBMITTED

4/15/02-Submit final report (9/30/00)

-Submit ms. (DPD lists 5; "funds for these publications have already been appropriated through Project /162 and NSF)

Exxon Valdez Oil Spill Project Status Summary FY 01 Work Plan Quarter Ending June 30, 2001

<u>Proj.No.</u>	<u>Project Title</u>	<u>Proposer</u>	<u>Lead Agency</u>
01468-CLO	FEATS: Fundamental Estimations of Acoustic Target Strength	G. Thomas/PWSSC	NOAA

Project Tasks to be Completed this Quarter

NOTE: FUNDS FOR THIS PROJECT WERE APPROVED BY TC 12/5/00

Dec. 31, 2000

DONE 1/31/01-Submit revised final report

March 31, 2001

-Submit ms. for journal publication

01476	Effects of Oiled Incubation Substrate on Pink Salmon Reproduction	R. Heintz/NOAA	NOAA
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Project Tasks to be Completed this Quarter

Oct-Dec

DONE-Evaluate embryo survival to eyeing

DONE-Evaluate effect of parental exposure to oil on offspring time to mid-hatch

DONE-Begin incubation of F1

Jan-March

-Begin analysis of results & development of life history model

April-June

UPDATE NOT PROVIDED

-Mark & release F1

Aug-Oct

-Complete analysis of gamete viability & fitness model

Conferences

-SETAC, Nashville (\$1.8)

NOTE: Annual report due 4/15/02.

**Exxon Valdez Oil Spill Project Status Summary
FY 01 Work Plan
Quarter Ending June 30, 2001**

<u>Proj.No.</u>	<u>Project Title</u>	<u>Proposer</u>	<u>Lead Agency</u>
01478	Testing Satellite Tags as a Tool for Identifying Critical Habitat	J. Nielsen/USGS-BRD	DOI

Project Tasks to be Completed this Quarter

Oct-Dec

DONE-Captivity test on light data arrays using UV tank covers
 DONE-Analyses of halibut physiology, tagging effects and efficiency, & survival trials in captivity at ASLC
 UNDERWAY-Field trials of environmental sensors in satellite tags in GOA
 DONE NOV. 2000-Deploy pop-up tag array on stationary buoy (will leave in place 1 year)

Jan-March

5 OF THE 7 TAGGED HALIBUT WERE RELEASED NEAR MOUTH OF RESURRECTION BAY 12/20-21/00; REMAINING 2 STAY AT ASLC FOR PUBLIC DISPLAY AND EDUCATIONAL PRESENTATIONS. IN ADDITION, TAGS WERE APPLIED TO 2 HALIBUT CAUGHT AT THE RELEASED SITE. IN EARLY SPRING 2001, 3 ADDITIONAL HALIBUT WERE TAGGED AND RELEASED WITH POP-UP SCHEDULED FOR 11/01-Release 4 halibut in GOA; surviving fish from ASLC will be used for live releases
 TAGS, WHICH WERE PROGRAMMED FOR 6/15/01, FAILED TO POP UP DUE TO PROGRAMMING ERROR; ADDITIONAL HALIBUT HAVE BEEN TAGGED FOR POP-UP NOVEMBER 15, 2001; REWARD FOR RECOVERY OF TAGS BY FISHERY HAS BEEN ADVERTISED-Deploy tags to pop up in 2-3 months

April-June

UNDERWAY-Collect & analyze first data sets (2 tags from ASLC & returns from live releases)
 UNDERWAY-Develop web page for study results & plot initial data
 UNDERWAY-Consult on tagging applications & data interpretation
 UNDERWAY-Develop oceanic temperature & bathymetry database for GOA
 DELAYED-Analyze final data from tagging recoveries in captivity & in the wild
 NOTE: 1 HALIBUT WITH SATELLITE TAG WAS CAUGHT AND DELIVERED TO SEWARD 4/7/01.

July-Sept

-Compile data; integrate analyses from parallel studies of pop-up tags in GOA
 -Submit final report (9/30/01)

Conferences

American Society of Ichthyologists & Herpetologists

**Exxon Valdez Oil Spill Project Status Summary
FY 01 Work Plan
Quarter Ending June 30, 2001**

<u>Proj.No.</u>	<u>Project Title</u>	<u>Proposer</u>	<u>Lead Agency</u>
01479	Effects of Food Stress on Survival and Reproductive Performance of Seabirds	J. Piatt/USGS-BRD, A. Kitaysky/Univ. of Washington	DOI

Project Tasks to be Completed this Quarter

Oct-Dec

Jan-March

April-June

SUBMITTED 6/13/01-Submit annual report (4/15/01)

DONE-Blood sampling during pre-incubation stage

DONE-Set study plots for experimental work

July-Sept

-Blood sampling during incubation stage

-Study plot monitoring

-Blood sampling during chick-rearing stage

-Colony work: implant birds with hormonal implants, monitor parental feeding rates & chick survival

-Chick rearing at Univ. WA

01481	Documentary Film on the Oil Spill Impacts on Subsistence Use of Intertidal Resources	C. Kompkoff/Chenega Bay IRA Council, P. Panamarioff/Ouzinkie Tribal Council	ADFG
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Project Tasks to be Completed this Quarter

Oct-Mar

DONE-Award contract

DONE-Pre-production phase: Develop story line for film

April-June

UNDERWAY-Production phase: Film interviews and harvest footage -- Chenega Bay, Ouzinkie, PWS, Kodiak & Spruce islands

July-Sept

FILMING IN OUZINKIE SCHEDULED FOR JULY 16-18

Dec 15, 2001

-Deliver 100 copies of completed film

Feb. 02

-Public screenings in Ouzinkie, Chenega Bay, Anchorage

**Exxon Valdez Oil Spill Project Status Summary
FY 01 Work Plan
Quarter Ending June 30, 2001**

<u>Proj.No.</u>	<u>Project Title</u>	<u>Proposer</u>	<u>Lead Agency</u>
01492	Were Pink Salmon Embryo Studies in Prince William Sound Biased?	J. Thedinga/NOAA	NOAA

Project Tasks to be Completed this Quarter

Oct-Dec

DONE-Pump & assess eggs at Lovers Cove Creek
DONE-Assess shocked eggs at Auke Creek Hatchery

Jan-Mar

UNDERWAY-Analysis of egg pumping & egg shocking data from FY 01 field season

April-June

July-Sept

-Complete 2 ms.

- (1) Detection of pink salmon eggs killed by hydraulic sampling
- (2) Ability of observers to discriminate shock mortality in pink salmon eggs as a function of time after shock

01513	Exxon Valdez Oil Spill Exhibit: The Continuing Legacy	J. Pfeifferberger/Alaska SeaLife Center	ADFG
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Project Tasks to be Completed this Quarter

Jan-Mar

DONE-Complete design of new exhibit panels & components
DONE-Complete research & writing of audio messages
DONE-Complete recording of audio messages

Apr-June

DONE-Complete fabrication of new exhibit panels & components
DONE-Complete installation of exhibit

01534	Comparison of Cytochrome P4501A Induction in Blood and Liver Cells of Sea Otters	B. Ballachey, P. Snyder/USGS	DOI
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Project Tasks to be Completed this Quarter

July

-Capture & sample sea otters (livers)

Aug-Sept

-CYP1A analyses on liver samples from 2001 & 1989
-Data analyses

Apr 15, 2002

-Submit final report

**Exxon Valdez Oil Spill Project Status Summary
 FY 01 Work Plan
 Quarter Ending June 30, 2001**

<u>Proj.No.</u>	<u>Project Title</u>	<u>Proposer</u>	<u>Lead Agency</u>
01535	EVOS Trustee Council Restoration Program Final Report	EVOS Restoration Office	ALL

Project Tasks to be Completed this Quarter

March 1

DONE-First draft of ch. 1, 2, 3 completed

June 1

REPORT HAS BEEN REORGANIZED INTO 7 CHAPTERS AND CIRCULATED TO TRUSTEE COUNCIL AND OTHERS FOR INTERNAL REVIEW 7/31/01

-First draft of ch. 4, 5, 6 completed

Sept. 1

-First draft of ch. 7, 8, 9 completed

Sept. 30

-Complete references & appendices

01538	Evaluation of Two Methods to Discriminate Pacific Herring Stocks along the Northern Gulf of Alaska	T. Otis/ADFG, R. Heintz/NOAA	ADFG
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Project Tasks to be Completed this Quarter

NOTE: THIS PROJECT WAS APPROVED BY THE TRUSTEE COUNCIL 1/16/01.

Jan-Mar

SELECTED KEN SEVERIN AT UAF; WILL DRAW UP RSA WHEN FY 02 FUNDS ARE APPROVED-Contract lab for elemental analysis of otoliths

April-June

DONE-Collect otolith and heart samples from spring spawning herring from Sitka Sound, PWS, Kodiak, Kamishak, and Togiak

July-Sept

UNDERWAY-Extract lipids from soft tissue; store samples for processing in FY 02

Exxon Valdez Oil Spill Project Status Summary FY 01 Work Plan Quarter Ending June 30, 2001

<u>Proj.No.</u>	<u>Project Title</u>	<u>Proposer</u>	<u>Lead Agency</u>
01543	Evaluation of Oil Remaining in the Intertidal from the Exxon Valdez Oil Spill	J. Short/NOAA	NOAA

Project Tasks to be Completed this Quarter

PHASE 1: Oct-Dec

DONE-Convene design planning workshop

DONE-Submit DPD for Phase 2

PHASE 2 (FUNDING APPROVED BY TC 12/5/00; AUTHORITY GRANTED TO SPEND FOR NEPA ONLY 1/18/01)

Dec-April

DONE-Present summary of known remaining oil deposits inside PWS and canvas communities for local knowledge of persistent oil

DONE-Identify sampling locations of community concern

April-June

DONE-Hire and train field personnel

May-Sept

UNDERWAY-Collect field data and samples

i50	Alaska Resources Library and Information Services	All Trustee Council Agencies	ALL
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Project Tasks to be Completed this Quarter

During the quarter ending 6/30/01, ARLIS staff received 3,958 visitors and 1,109 incoming calls, issued 116 new library cards, responded to 3,321 requests for in-depth information, 197 of which were EVOS questions (routine requests for EVOS documents are now handled by the Restoration Office), and processed 3,752 interlibrary loans (107 for EVOS materials). ARLIS staff reviewed, approved, and distributed 2 final reports; 344 reports and 2 videos are now available. ARLIS staff obtained 6 articles to update the TC Bibliography and GEM reference files at ARLIS and the Restoration Office, and added 69 documents to the TC public record. In June, ARLIS was notified that it will be receiving the 2001 National Award for Library Service. This prestigious award is presented by the Institute of Museums and Library Services, an independent federal agency that fosters leadership, innovation, and life-long learning. The award ceremony will take place in Washington, D.C. in September.

**Exxon Valdez Oil Spill Project Status Summary
FY 01 Work Plan
Quarter Ending June 30, 2001**

<u>Proj.No.</u>	<u>Project Title</u>	<u>Proposer</u>	<u>Lead Agency</u>
01551-BAA	Checklist and Distributional Analysis of Marine Algal Species Collected as Vouchers Under Project CH1A	G. Hansen/OSU	NOAA

Project Tasks to be Completed this Quarter

Oct-Dec

DONE-Correct typographic errors & update nomenclature of the voucher specimen database

DONE-Visit Berkeley for 2 weeks to work on nomenclatural problems & examine type specimens--further update the database

VISIT COMPLETE; CORRECTED NOMENCLATURE IN DATABASE BUT DID NOT HAVE TIME TO ADD ANNOTATION LABELS TO THE SPECIMENS -- MIKE STEKOLL WILL DO THIS AT A LATER DATE-Visit Juneau for 10 days to check the taxonomy of the voucher specimens, distribute & glue the annotation labels, & correct the database; borrow particularly difficult specimens

Jan-Mar

UNDERWAY-Complete checklists & begin work on analyses, graphics, ms.

DONE-Visit Juneau for another 10 days to make final corrections to the specimens & database; do analyses

ALSO GOT DATABASE WORKING WELL AS A QUERIBLE RELATIONAL DATABASE AND SET UP DATABASE WITH ARC-EXPLORER SO THAT MAPS WILL BE GENERATED FROM THE DISTRIBUTION DATA.

Apr-June

DELAYED TO JULY-AUG.-Submit ms. to peer reviewed journal (Checklist & distributional analysis of marine algal species collected as vouchers during CH1A; to Botanica Marina)

DONE-Give talk at Phycological Society of America (Estes Park, CO \$1.5)

DUE DATE EXTENDED TO 9/1/01-Submit final report

July-Sept

01552-BAA	Exchange Between Prince William Sound and the Gulf of Alaska	S. Vaughn/PWSSC	NOAA
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Project Tasks to be Completed this Quarter

Oct-Dec

DONE-Submit deployment procedure & initial sample data collection to RO

DONE-Deploy mooring (Nov/Dec)

Jan-Mar

April-June

DELAYED-Submit annual report (4/15/01)

DONE-Retrieve mooring (May)

July-Sept

-Deploy mooring (Sept.)

Manuscripts

MANUSCRIPT ACCEPTED-In review at FO (10/00): Physical variability in PWS during SEA

**Exxon Valdez Oil Spill Project Status Summary
FY 01 Work Plan
Quarter Ending June 30, 2001**

<u>Proj.No.</u>	<u>Project Title</u>	<u>Proposer</u>	<u>Lead Agency</u>
01555	Can Stress Hormones be Used as an Indication of Food Availability and Reproductive Performance? An Experimental Approach	R. Lanctot/USGS	DOI

Project Tasks to be Completed this Quarter

Oct-Dec

DONE-Corticosterone analyses
 DONE-Regurgitated food analysis
 DONE-Preliminary analyses of 1999 data

April 15

DONE 4/26/01-Submit final report

Conferences

DONE-Pacific Seabird Group, Kauai, 2/01 (\$1.7)

Manuscripts (page charges \$1.0)

-Effects of food availability on corticosterone levels & breeding success in male & female black-legged kittiwakes; an experimental study; to Hormones & Behavior
 -Effect of sampling time on measurement of circulating levels of corticosterone in black-legged kittiwakes; to Auk

01558	Harbor Seal Recovery: Application of New Technologies for Monitoring Health	S. Atkinson/UAF	ADFG
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Project Tasks to be Completed this Quarter

Monthly

UNDERWAY-Blood sampling

Oct-Dec

UNDERWAY-Send blood & blubber samples from captive seals for contaminant analysis
 DONE-Collect blood samples to assess circadian pattern of T3, T4, & cortisol

Jan-Mar

UNDERWAY-Undertake endocrine assays with batches of samples to assist with quality control

April-June

DONE-Seals collected for rehabilitation arrive at ASLC
 DONE-Perform circadian sampling

July-Sept

-Analyze endocrine & immunology samples
 -Release rehabilitation seals

**Exxon Valdez Oil Spill Project Status Summary
FY 01 Work Plan
Quarter Ending June 30, 2001**

<u>Proj.No.</u>	<u>Project Title</u>	<u>Proposer</u>	<u>Lead Agency</u>
01599-CLO	Evaluation of Yakataga Oil Seeps as Regional Background Hydrocarbon Sources in Benthic Sediments of the Spill Area	J. Short/NOAA	NOAA

Project Tasks to be Completed this Quarter

April 15

DONE 6/6/01-Submit annual report

DELAYED-Submit ms.

June

NO UPDATE PROVIDED

-Present results at Arctic Marine Oilspill Program, Environment Canada, Calgary (\$1.4)

FY 00 tasks not completed in FY 00:

-Analyze samples for hydrocarbons

01610	Kodiak Archipelago Youth Area Watch	P. Brown-Schwalenberg/CRRC	ADFG
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Project Tasks to be Completed this Quarter

PROJECT WAS AUTHORIZED TO BEGIN 12/16/00.

Sept-Dec

DONE-Students selected

DONE-Protocol training completed

DONE-Students conduct project activities

Jan-March

DONE-Data/samples to PI

DIDN'T PARTICIPATE-Participate in TEK & CRRC Annual Gathering (March)

April-June

DONE-Data/samples to PI and reports complete

SUBMITTED FOR PEER REVIEW 7/3/01-Annual report on 2000-2001 school year due (6/30/01)

**Exxon Valdez Oil Spill Project Status Summary
FY 01 Work Plan
Quarter Ending June 30, 2001**

<u>Proj.No.</u>	<u>Project Title</u>	<u>Proposer</u>	<u>Lead Agency</u>
01630	Planning for Long-Term Monitoring and Research Program	Restoration Office	ALL

Project Tasks to be Completed this Quarter

Oct-Dec

DONE-Present draft GEM monitoring plan to EVOS Annual Workshop and PICES annual meeting
DONE-Analyze input; develop conceptual outline of a revised draft GEM plan
DONE-Present revised draft outline to TC and NRC for discussion

Jan-Mar

DONE-Revise outline of draft plan to incorporate feedback from TC and NRC
OUTLINE APPROVED BY TC 1/16/01-Present revised outline of draft to TC for approval; public comment accepted
DONE-Small writing groups, reviewers, experts assist in further developing draft GEM plan
DONE-Receive interim report from NRC on draft GEM Science Program; respond to recommendations as needed
ALSO, DRAFTING WORKSHOP FOR GEM PLAN, MAR. 22-23

April-June

WILL PRESENT TO TC AT 8/6/01 MEETING-Present draft GEM plan to TC for discussion and adoption; additional public comment accepted
WILL SUBMIT TO NRC 9/1/01-Submit draft GEM plan to NRC
SO, NRC COMMITTEE MEMBERS BRIEF TC ON NRC INTERIM REPORT, 4/3/01

July-Sept

-Brief NRC as needed
-Continue work on other aspects of GEM (data management, community involvement, etc.)

Exxon Valdez Oil Spill Trustee Council

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



MEMORANDUM

TO: Judith E. Bittner
State Historic Preservation Officer
Alaska Department of Natural Resources

FROM: *for Schubert*
Molly McCammon
Executive Director

RE: Project 99154: Authorization to Approve the Proposed Contract
between Chugachmiut and the Qutekcak Native Tribe for the
Seward Local Display Facility

Project 99154: Authorization to Proceed with Design of the Seward
Local Display Facility

DATE: August 24, 2001

On August 16, 2001, Gerald Pilot submitted for approval a draft contract between Chugachmiut and Qutekcak Native Tribe for development of the local display facility in Seward. In accordance with Appendix B, Section 3.1.5 of the grant agreement between the Alaska Department of Natural Resources and Chugachmiut, Inc., I authorize you to approve the draft contract subject to the following conditions:

1. The total grant amount to Qutekcak, including the \$10,000 previously authorized for NEPA compliance, will be \$175,000;
2. No grant funds for site acquisition may be released until the Grantor authorizes the project to proceed to construction (Appendix C, Section B.1); and
3. As recommended in Chugachmiut's *Local Display Facilities Solicitation and Selection Report*, dated May 1, 2001, the business plan will include an analysis of parking requirements, guidelines for coordination with specific groups, and analysis of insurance requirements.

Furthermore, in accordance with Appendix B, Section 3.2.1 of the grant agreement between the Alaska Department of Natural Resources and

Chugachmiut, Inc., I authorize you to proceed with the design of the local display facility provided the design is consistent with the concept design in the Qutekcak Native Tribe's proposal.

For the following reasons, I find that all requirements for these approvals have been met:

1. *Archaeological Investigation of the Hatch Property, Seward, Alaska*, a report prepared for the Qutekcak Native Tribe by Mark Luttrell in June 2001, concluded that the foundation of Qutekcak's proposed local display facility on the Hatch property (Block 11, Lots 9 and 10, Original Townsite, Seward) should have no impact on archaeological or historic resources;
2. The Department of Natural Resources, Office of History and Archaeology, has concurred that the proposed project should have no impact on archaeological or historic resources; and
3. The proposal has not changed substantially since it was submitted on March 27, 2001.

Please give me copies of the fully executed subcontract and design documents for the local display facility in Seward.

Emailed for electronic
Submission 8-7-01

August 8, 2001

Phil Taylor
Biological Oceanography Program
Division of Ocean Sciences
National Science Foundation
4201 Wilson Blvd., Suite 725
Arlington, VA 22230

Dear Dr. Taylor:

I am writing to inform you that the *Exxon Valdez* Oil Spill Trustee Council has approved support to extend for another year the project led by Dr. Gary D. Marty of the University of California, Davis (our project #02462): "Effect of disease on Pacific herring population recovery in Prince William Sound." The approved proposal includes all costs for sampling Pacific herring in Prince William Sound during fall 2001 and spring 2002. We will also cover the costs of virus analysis in each of 400 fish sampled.

This will be the ninth year that the Trustee Council has funded Dr. Marty's research into the relation of disease and population change in Pacific herring. Each year, Dr. Marty submits an annual report that we send to an outside expert for peer review. In response to Dr. Marty's most recent annual report, our reviewer wrote:

"This study is in many ways a landmark study of marine fish disease. It is the only study that I am aware of that has attempted to describe the full cycles of disease in a wild population (not just descriptive of an outbreak). As such, I find this study to be of very high significance and one of the best fisheries science projects to be funded under the EVOS program."

The reviewer concluded his remarks by saying, "I am looking forward to reading the final report of this project and also to the news that this work will go on for another 10 years at least. It will not be possible to answer many questions on the population dynamics of the agent (VHSV) or the host (herring) without such data."

The Trustee Council will receive its final payment from the Exxon Corporation in September 2001. To support long term research, the Trustee Council has placed its remaining funds into an endowment that we hope will reach \$125 million by the time our Gulf Ecosystem Monitoring (GEM) program begins in Federal Fiscal Year 2003. Until the details of the GEM program are worked out, we will be funding very few long-term studies. Proposals for the GEM program will be considered next year.

We strongly recommend that the National Science Foundation join us in supporting Dr. Marty's proposal for sample analysis and Dr. Quinn's collaborative proposal for modeling the relation of disease and population change. If you have any questions about the Trustee Council component of the project, please don't hesitate to call me.

Sincerely,

Molly McCammon
Executive Director

Mm/bmr

Exxon Valdez Oil Spill Trustee Council

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



MEMORANDUM

TO: Jennifer Nielsen, Ph.D.
USGS Biological Resources Division

FROM: Molly McGammon
Executive Director

RE: Extension of Due Date: Final Report
Project 01478 / Testing Satellite Tags as a Tool for Identifying Critical Habitat

DATE: August 7, 2001

The purpose of this memo is to confirm an extended due date of January 2, 2002 for the annual report on Project 01478/Testing Satellite Tags as a Tool for Identifying Critical Habitat. I understand that, due to the failure of your satellite tags to pop up as scheduled on June 15, 2001, new tags with a scheduled pop-up date of November 15, 2001 have been installed. Extending the report date to January 2 will allow analysis of the data from the recently installed tags, as well as from the stationary buoy (scheduled for retrieval in December 2001).

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



MEMORANDUM

TO: Monica Riedel
Alaska Native Harbor Seal Commission

Vicki Vanek
ADF&G Subsistence Division

FROM: Molly McCammon
Executive Director

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

DATE: August 7, 2001

The purpose of this memo is to confirm an extended due date of August 31, 2001 for the annual report on Project 00245/Community-Based Harbor Seal Management and Biological Sampling. I understand this additional time is needed due to computer difficulties, as well as other demands on the authors' time.

cc: Bill Hauser, ADF&G Liaison