

Exxon Valdez Oil Spill Trustee Council

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



June 15, 2000

Margaret M. Krahn, PhD
NOAA/NMFS/NWFSC/ECD
2725 Montlake Boulevard East
Seattle, WA 98112

RE: Project 01465 / Environmental Contaminant Levels in Eastern North Pacific Killer Whales

Dear Dr. Krahn:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council not fund Project 01465/Environmental Contaminant Levels in Eastern North Pacific Killer Whales. I have enclosed a copy of my preliminary recommendation on this project, along with the Chief Scientist's recommendation on the project's technical merits.

The Trustee Council received 113 proposals totaling more than \$13 million. The Council's funding cap for the FY 01 Work Plan is \$6 million, and it will not be possible to fund all projects proposed.

My preliminary recommendations on all proposals for funding in FY 01 have been incorporated into the Draft Work Plan, which will be available for public review on the Trustee Council's web page (www.oilspill.state.ak.us) June 15. If you would like a copy of the Draft Work Plan sent to you, please call or e-mail the Restoration Office:

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

Public comments will be accepted on the Draft Work Plan through July 19. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Council. Council action on the Work Plan is scheduled for August 3, 2000.

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Thank you for your interest in the *Exxon Valdez* restoration program. If you have any questions about this preliminary recommendation, please call me or Bruce Wright, the NOAA liaison to the Trustee Council.

Sincerely,

Sandra Schubert
for

Molly McCammon
Executive Director

Enclosure

cc: Bruce Wright, NOAA Liaison

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SPREADSHEET B: EXECUTIVE DIRECTOR'S PRELIMINARY RECOMMENDATION / FY 01 DRAFT WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY01 Request	FY01 Recom.	FY02 Recom.	Total, FY01-02
01465	Environmental Contaminant Levels in Eastern North Pacific Killer Whales	M. Krahn/NMFS	NOAA	New 1st yr. 1 yr. project	\$82.6	\$0.0	\$0.0	\$0.0
<u>Project Abstract</u>			<u>Chief Scientist's Recommendation</u>		<u>Executive Director's Preliminary Recommendation</u>			
Certain groups of killer whales that are found in waters of Prince William Sound declined following the oil spill and have failed to recover. Although the deaths of these whales are most likely linked to the effects of the spill, the potential role of other factors, such as toxic levels of other anthropogenic contaminants (e.g., organochlorines, toxic elements), in the lack of recovery should be considered. This project will analyze archived blubber samples, obtained from killer whales ranging from California to Alaska, to determine concentrations of selected organochlorines and will compare the samples to those of previously analyzed Prince William Sound killer whales. Having a broad baseline on levels of organochlorines in killer whales from North Pacific populations is needed to assess the possible contribution of organochlorines as factors affecting low reproduction (AT1 pod) and population decline (AB pod).			This proposal acknowledges that contaminants probably are not responsible for missing individuals and lower reproductive rates within the killer whale pods using Prince William Sound, and consequently the relevance of this project to recovery objectives is questionable. The investigators are very well qualified, but the focus of the project outside of the spill area makes it a low priority. Do not fund.		Do not fund. This project has a weak link to the Trustee Council's restoration objective for killer whales. In addition, its focus would be outside of the spill area.			

Exxon Valdez Oil Spill Trustee Council

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June 15, 2000

Joanne F. Jellett, PhD
Jellett Biotek Limited
PO Box 790
Dartmouth, Nova Scotia B2Y 3Z7
CANADA

RE: Project 01482-BAA / Establishment of a Biotoxin Monitoring Program in the
Kodiak Island Area

Dear Dr. Jellett:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council defer a decision on funding Project 01482/Establishment of a Biotoxin Monitoring Program in the Kodiak Island Area pending evaluation of FY 00 results. I have enclosed a copy of my preliminary recommendation on this project, along with a summary of the Chief Scientist's recommendation on the project's technical merits. This recommendation is made for public review and may be revised before it is provided to the Trustee Council in early August.

A final report on your FY 00 effort is due by September 30, 2000. Once that report is submitted and reviewed, we may recommend that the Trustee Council approve some additional funding at their December 2000 meeting. Questions were raised during the review of your proposal about the optimization process and the application of the field test to unextracted samples. These items should be thoroughly addressed in the report, along with the results of the field trials and the effectiveness of your involvement with the Youth Area Watch program. There were also concerns about the proposed expansion of project objectives and an increase in project cost well beyond what the Council had indicated it might fund for FY 01.

My preliminary recommendations on all proposals for funding in FY 01 have been incorporated into the Draft Work Plan, which will be available for public review on the

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Public comments will be accepted on the Draft Work Plan through July 19. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Council. Council action on all but deferred projects is scheduled for August 3, 2000. Council action on deferred projects is expected in December 2000.

Thank you for your continuing interest in the *Exxon Valdez* restoration program. If you have any questions about this preliminary recommendation or the project review process, please call me or Bruce Wright, the NOAA liaison to the Trustee Council.

Sincerely,

Sandra Schubert
for

Molly McCammon
Executive Director

Enclosure

cc: Bruce Wright, NOAA Liaison
Sharon Kent, NOAA Contracting

mm/pdb

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY01 Request	FY01 Recom.	FY02 Recom.	Total FY01-02
01482-BAA	Establishment of a Biotoxin Monitoring Program in the Kodiak Island Area	J. Jellett/Jellett Biotek Limited	NOAA	Cont'd 2nd yr. 2 yr. project	\$215.0	\$50.0	\$0.0	\$50.0
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Executive Director's Preliminary Recommendation</u>				
During FY 00, this project developed and optimized a rapid test for detecting paralytic shellfish poisoning (PSP) in shellfish samples from Kodiak Island. Funding in FY 01 will establish a beach-monitoring program for marine biotoxins in partnership with the Youth Area Watch (Project /610). The project will also adapt the rapid tests to detect toxic phytoplankton in water samples as an "early warning system" of toxic blooms. The relationship between toxic alga blooms and the contamination of shellfish will be researched. The data generated may identify beach areas that tend to be free of toxins over the year and help target areas for shellfish harvest or even aquaculture production.		This proposal addresses an area of serious public health concern, the safety of eating shellfish. However, it goes well beyond the originally envisioned objectives. The Trustee Council was committed to the original objectives of the proposal to optimize the use of the PSP (paralytic shellfish poisoning) test kit for mussels on Kodiak. The expansion of the program into testing of water does not meet Trustee Council needs. Defer pending review of FY 00 results.		Defer decision on funding this project pending evaluation of FY 00 results. In FY 00, the Trustee Council funded optimization of a rapid test for PSP (paralytic shellfish poisoning) and ASP (amnesiac shellfish poisoning) for both extracted and unextracted shellfish tissue from the Kodiak Island area, and agreed to consider funding field trials in FY 01 or FY 02 with Kodiak subsistence users to prove the efficacy of the test in a beach monitoring application. The FY 01 proposal goes well beyond the originally envisioned objectives (objectives to test water, establish a beach monitoring program, produce toxicity maps, and assess potential for economic development are added). In addition, questions are raised about the optimization itself, since samples from areas other than Kodiak were used in the optimization process. If funded, funding would be at a much reduced level, comparable to the Council's FY 00 contribution.				

Exxon Valdez Oil Spill Trustee Council

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June 15, 2000

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

Robert M. Suryan
USFWS-MBM
1011 E Tudor Rd
Anchorage, AK 99503

RE: Project 01490 / Can Kittiwakes Be Used to Predict Future Trends in Adult Herring Abundance?

Dear Dr. Irons and Mr. Suryan:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council not fund Project 01490/Can Kittiwakes Be Used to Predict Future Trends in Adult Herring Abundance?. I have enclosed a copy of my preliminary recommendation on this project, along with the Chief Scientist's recommendation on the project's technical merits.

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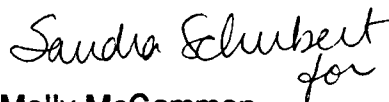
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Thank you for your interest in the *Exxon Valdez* restoration program. If you have any questions about this preliminary recommendation, please call me or Catherine Berg, the DOI-USFWS liaison to the Trustee Council.

Sincerely,

Handwritten signature of Sandra Elmhurst in cursive script, with the word "for" written below it.

Molly McCammon
Executive Director

Enclosure

cc: Catherine Berg, DOI-USFWS Liaison

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Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY01 Request	FY01 Recom.	FY02 Recom.	Total* FY01-02
01490	Can Kittiwakes Be Used to Predict Future Trends in Adult Herring Abundance?	D. Irons, R. Suryan/USFWS	DOI	New 1st yr. 2 yr. project	\$18.3	\$0.0	\$0.0	\$0.0
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Executive Director's Preliminary Recommendation</u>				
Because the population dynamics of many seabird species are strongly linked to marine productivity, seabirds are commonly promoted as indicators of change in the marine environment. A more proactive use of seabirds as indicators would be to predict future trends in prey populations. Such a predator-prey relationship with predictive potential may exist in Prince William Sound, between black-legged kittiwakes and Pacific herring. The reproductive success of kittiwakes nesting at the two most productive colonies in the sound appears to be regulated by the abundance of age-1 herring. If kittiwake reproductive parameters could be used as a proxy for the relative abundance of age-1 herring, could future trends in herring recruitment and adult population size then be predicted? Initial review of a 14-year data record of kittiwake reproductive success and age-3 herring abundance provides evidence of such predictive power. This project will conduct a much more detailed analysis to evaluate this relationship and the possibility of including kittiwake data in herring stock recruitment models.		This project has worthwhile goals but they do not appear achievable based on the information presented. The proposal does not specifically address how the differences in the apparent form of the relation between kittiwake reproductive success and future age-three herring abundance between the pre-1989 era and the 1990's would be reconciled. The exclusion of pre-1989 years, except for 1985, is unexplained. Without addressing this lack of correlation, it is unlikely that the tool can be made useful for management. Do not fund.		Do not fund. This project is intended to evaluate the utility of using black-legged kittiwake data to monitor and predict herring recruitment trends. However, the Chief Scientist finds it unlikely that this approach could be made useful for management.				

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June 15, 2000

Paul McCollum
PO Box 5572
Port Graham, AK 99603

RE: Project 01544 / Lower Cook Inlet Salmon Ecology Study

Dear Mr. McCollum:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council not fund Project 01544/Lower Cook Inlet Salmon Ecology Study. I have enclosed a copy of my preliminary recommendation on this project, along with the Chief Scientist's recommendation on the project's technical merits.

The Trustee Council received 113 proposals totaling more than \$13 million. The Council's funding cap for the FY 01 Work Plan is \$6 million, and it will not be possible to fund all projects proposed.

My preliminary recommendations on all proposals for funding in FY 01 have been incorporated into the Draft Work Plan, which will be available for public review on the Trustee Council's web page (www.oilspill.state.ak.us) June 15. If you would like a copy of the Draft Work Plan sent to you, please call or e-mail the Restoration Office:

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Thank you for your interest in the *Exxon Valdez* restoration program. If you have any questions about this preliminary recommendation, please call me or Claudia Slater, the ADF&G liaison to the Trustee Council.

Sincerely,

Sandra Schubert
for

Molly McCammon
Executive Director

Enclosure

cc: Claudia Slater, ADF&G Liaison

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Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY01 Request	FY01 Recom.	FY02 Recom.	Total FY01-02
01544	Lower Cook Inlet Salmon Ecology Study	P. McCollum/CRRC	ADFG	New 1st yr. 2 yr. project	\$198.8	\$0.0	\$0.0	\$0.0

Project Abstract

This project will improve existing knowledge of the survival mechanisms of pink and sockeye salmon in southeastern lower Cook Inlet. Research will be conducted in order to more clearly define the survival mechanisms of juvenile pink and sockeye salmon smolts as they are out-migrating from the Port Graham and English Bay drainages on their way to the Gulf of Alaska. Out-migrating salmon smolts will be tracked, captured, and sampled for growth, stock origin (thermal marks, coded wire tags, scale samples), stomach contents (for prey species identification), and timing (days since release or out-migration) in order to gain a more detailed understanding of the key survival mechanisms in the early marine life of these juvenile salmon.

Chief Scientist's Recommendation

Further exploration of the ecology of lower Cook Inlet is a worthwhile concept. However, the scope of the project is very ambitious and is well beyond the methods and budget presented. As is, the project is unlikely to achieve its objectives and it has little direct value to restoration. Proposers should explore other funding sources, such as the Kachemak Bay National Estuarine Research Reserve and the National Ocean Service (Kasitna Bay lab). Do not fund.

Executive Director's Preliminary Recommendation

Do not fund. Seeking to understand more about lower Cook Inlet salmon is a worthwhile goal. However, as presented, the project's scope is very ambitious and has little direct value to restoration. The proposers should consider approaching the Kachemak Bay National Estuarine Research Reserve and the National Ocean Service (Kasitna Bay lab) for technical and financial support for this undertaking.

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June 15, 2000

Robert J. Small, PhD
ADF&G
333 Raspberry Road
Anchorage, AK 99518-1565

RE: Project 01509 / Monitoring Harbor Seal Population Condition to Assess Changes in Carrying Capacity in Prince William Sound

Dear Dr. Small:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council not fund Project 01509/Monitoring Harbor Seal Population Condition to Assess Changes in Carrying Capacity in Prince William Sound. I have enclosed a copy of my preliminary recommendation on this project, along with the Chief Scientist's recommendation on the project's technical merits. Please note that continued monitoring of harbor seals may be considered in FY 02, once the experimental design for long-term monitoring being developed under Project 00509 is submitted and evaluated.

The Trustee Council received 113 proposals totaling more than \$13 million. The Council's funding cap for the FY 01 Work Plan is \$6 million, and it will not be possible to fund all projects proposed.

My preliminary recommendations on all proposals for funding in FY 01 have been incorporated into the Draft Work Plan, which will be available for public review on the Trustee Council's web page (www.oilspill.state.ak.us) June 15. If you would like a copy of the Draft Work Plan sent to you, please call or e-mail the Restoration Office:

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E-mail	sandra_schubert@oilspill.state.ak.us

Public comments will be accepted on the Draft Work Plan through July 19. Following a review of the public comments, as well as comments from the Trustee Council's Public

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Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Council. Council action on the Work Plan is scheduled for August 3, 2000.

Thank you for your interest in the *Exxon Valdez* restoration program. If you have any questions about this preliminary recommendation, please call me or Claudia Slater, the ADF&G liaison to the Trustee Council.

Sincerely,

Sandra Schubert

Molly McCammon *for*
Executive Director

Enclosure

cc: Claudia Slater, ADF&G Liaison

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SPREAD SHEET B: EXECUTIVE DIRECTOR'S PRELIMINARY RECOMMENDATION / FY 01 DRAFT WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY01 Request	FY01 Recom.	FY02 Recom.	Total FY01-02
01509	Monitoring Harbor Seal Population Condition to Assess Changes in Carrying Capacity in Prince William Sound	R. Small/ADFG	ADFG	New 1st yr. 2 yr. project	\$92.4	\$0.0	\$0.0	\$0.0
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Executive Director's Preliminary Recommendation</u>				
The production and survival of young harbor seals is critical to reversal of the long-term decline of seals in Prince William Sound, and to ultimate recovery of the population from damage due to the oil spill. Significant inter-annual differences in diet and body condition of young seals were documented in 1997-99. This project will obtain additional information on the population condition (e.g., diet and percent body fat) of pup, yearling, and sub-adult harbor seals, the age classes most likely to be limited by food availability. Data obtained on harbor seal population condition from this project and from 1997-99 will be compared with concurrent population abundance data to assess the status of harbor seals relative to carrying capacity, and subsequently derive more comprehensive and realistic expectations for population recovery. [NOTE: This project also requested funds (\$65,000) for FY 03.]		The continued monitoring of harbor seals in Prince William Sound may be appropriate once the results of an evaluation of long-term monitoring needs (Project 00509) are available. Do not fund.		Do not fund. Continued monitoring of harbor seals may be considered for FY 02, once the experimental design for long-term population monitoring, which is being developed under Project 00509, is submitted and evaluated (draft design is due September 30, 2000).				

Exxon Valdez Oil Spill Trustee Council

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June 15, 2000

Milo Adkison
UAF/SFOS
11120 Glacier Hwy
Juneau, AK 99801

Brendan L. Kelly, PhD
School of Fisheries & Oceans Sciences
11120 Glacier Hwy
Juneau, AK 99801

Robert J. Small, PhD
ADF&G
333 Raspberry Road
Anchorage, AK 99518-1565

RE: Project 01560 / Correction Factors for Harbor Seal Surveys Using Photo-ID

Dear Mr. Adkison, Dr. Kelly and Dr. Small:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council not fund Project 01560/Correction Factors for Harbor Seal Surveys Using Photo-ID. I have enclosed a copy of my preliminary recommendation on this project, along with the Chief Scientist's recommendation on the project's technical merits.

The Trustee Council received 113 proposals totaling more than \$13 million. The Council's funding cap for the FY 01 Work Plan is \$6 million, and it will not be possible to fund all projects proposed.

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Thank you for your interest in the *Exxon Valdez* restoration program. If you have any questions about this preliminary recommendation, please call me or Claudia Slater, the ADF&G liaison to the Trustee Council.

Sincerely,

Sandra Schubert
for

Molly McCammon
Executive Director

Enclosure

cc: Claudia Slater, ADF&G Liaison

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Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY01 Request	FY01 Recom.	FY02 Recom.	Total FY01-02
01560	Correction Factors for Harbor Seal Surveys Using Photo-ID	M. Adkison/UAF, B. Kelly/UAS, R. Small/ADFG	ADFG	New 1st yr. 2 yr. project	\$64.5	\$0.0	\$0.0	\$0.0
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Executive Director's Preliminary Recommendation</u>				
Aerial counts of harbor seals count only those animals on the beach. The fraction of the population on the beach varies by date and with environmental factors such as the time of day, stage of tide, etc. Inferring abundance and trends in abundance from counts depends upon correction factors that are subject to uncertainty. Recently developed techniques for photographic identification of individual seals allow a large fraction of a population to be "marked". This project will design and implement mark-recapture experiments to provide substantially improved and integrated estimates of correction factors used to infer abundance and trends of harbor seals.		The purpose of this project is to increase the accuracy of harbor seal population counts. However, it is unclear whether the correction factors that will be developed at Tugidak Island can be applied meaningfully within Prince William Sound, as haul-out patterns can be influenced by factors that vary spatially and temporally (e.g., prey availability and types, local topography, environmental conditions, and human disturbance). Trend assessments are the most important for determining recovery of harbor seals, and this project is unlikely to significantly influence precision of these assessments. Do not fund.		Do not fund. Proposals to develop cost-effective sampling strategies were invited in the <i>FY 01 Invitation</i> . However, this project is unlikely to significantly influence the precision of trend assessments, which are key to determining the recovery status of harbor seals. In addition, the Chief Scientist has raised questions about the applicability of the proposed technique to Prince William Sound.				

Exxon Valdez Oil Spill Trustee Council

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June 15, 2000

John Thedinga
NMFS Auke Bay Lab
11305 Glacier Hwy
Juneau, AK 99801-8626

RE: Project 01519 / Distribution and Habitat of Rockfish in Nearshore Waters of Prince William Sound

Dear Mr. Thedinga:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council not fund Project 01519/Distribution and Habitat of Rockfish in Nearshore Waters of Prince William Sound. I have enclosed a copy of my preliminary recommendation on this project, along with the Chief Scientist's recommendation on the project's technical merits.

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Sincerely,

Sandra Schubert

Molly McCammon *for*
Executive Director

Enclosure

cc: Bruce Wright, NOAA Liaison

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Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY01 Request	FY01 Recom.	FY02 Recom.	Total FY01-02
01519	Distribution and Habitat of Rockfish in Nearshore Waters of Prince William Sound	J. Thedinga/NOAA	NOAA	New 1st yr. 2 yr. project	\$64.7	\$0.0	\$0.0	\$0.0
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Executive Director's Preliminary Recommendation</u>				
Information is limited on the life-history and habitat of many commercially important rockfish species in Alaska, especially juvenile stages. Rockfish are classified as an injured species but the status of rockfish stocks in Prince William Sound is unknown as is their recovery from the oil spill. A survey of nearshore waters is needed to identify habitats used by rockfish, especially those habitats that may be essential to maintain healthy populations. This project will use a remotely operated vehicle (ROV) equipped with video camera to link habitat and rockfish assemblages in nearshore waters of the sound. A combination of underwater video and beach seining offers an effective way to identify and describe rockfish habitat. [NOTE: This project also requested funds (\$19,300) for FY 03.]		This proposal provides inadequate justification to be recommended and lacks scientific rigor. Nonetheless, as long-lived territorial marine vertebrates, rockfish may provide a unique window on the ecosystem, especially the study of long-term environmental conditions retrievable from bone. Do not fund.		Do not fund based on Chief Scientist's recommendation, which finds that the project lacks scientific rigor. The project is designed to obtain life history information on rockfish and identify their habitat.				

Exxon Valdez Oil Spill Trustee Council

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June 15, 2000

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

RE: Project 01477 / Where Do Prince William Sound Harlequin Ducks Breed? A
Satellite Telemetry Approach

Dear Mr. Rosenberg:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council not fund Project 01477/Where Do Prince William Sound Harlequin Ducks Breed? A Satellite Telemetry Approach. I have enclosed a copy of my preliminary recommendation on this project, along with the Chief Scientist's recommendation on the project's technical merits.

The Trustee Council received 113 proposals totaling more than \$13 million. The Council's funding cap for the FY 01 Work Plan is \$6 million, and it will not be possible to fund all projects proposed.

My preliminary recommendations on all proposals for funding in FY 01 have been incorporated into the Draft Work Plan, which will be available for public review on the Trustee Council's web page (www.oilspill.state.ak.us) June 15. If you would like a copy of the Draft Work Plan sent to you, please call or e-mail the Restoration Office:

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

Public comments will be accepted on the Draft Work Plan through July 19. Following a review of the public comments, as well as comments from the Trustee Council's Public

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Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Council. Council action on the Work Plan is scheduled for August 3, 2000.

Thank you for your interest in the *Exxon Valdez* restoration program. If you have any questions about this preliminary recommendation, please call me or Claudia Slater, the ADF&G liaison to the Trustee Council.

Sincerely,


Molly McCammon ^{for}
Executive Director

Enclosure

cc: Claudia Slater, ADF&G Liaison

mm/pdb

SPREAD SHEET B: EXECUTIVE DIRECTOR'S PRELIMINARY RECOMMENDATION / FY 01 DRAFT WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY01 Request	FY01 Recom.	FY02 Recom.	Total FY01-02
01477	Where Do Prince William Sound Harlequin Ducks Breed? A Satellite Telemetry Approach	D. Rosenberg/ADFG	ADFG	New 1st yr. 2 yr. project	\$110.9	\$0.0	\$0.0	\$0.0
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Executive Director's Preliminary Recommendation</u>				
Harlequin ducks have not recovered from the effects of the oil spill. Populations in oiled areas are continuing to decline. Conditions on the breeding grounds may contribute to the decline or impede recovery. However, the location of breeding areas for the majority of Prince William Sound harlequin ducks is unknown. This project will use satellite telemetry to gain information on pre- and post breeding movements within the sound, dispersal, migration routes, and location of breeding areas. This critical life-history information which is lacking for Prince William Sound harlequin ducks will aid in understanding the causes of population change and assessing recovery. Identification of breeding areas and migration routes will allow for improved habitat protection via acquisition, recreational and land-use planning, permitting, and pollution control. [NOTE: This project also requested funds (\$110,000) for FY 03.]		Harlequin ducks were an injured resource and have not recovered from the oil spill. This project would provide more information about the breeding habitat of harlequin ducks that winter in Prince William Sound. Damage to reproduction due to oiling would not be addressed. In addition, this project would need to be carried on through FY 04 to obtain final results. Conditions in western Prince William Sound, not distant breeding habitat, is indicated to be the recovery problem. Experience with application of this technology to scoters has not been promising. Do not fund.		Do not fund. Other harlequin duck work recommended for funding in FY 01 (e.g., Project 01423) is a higher priority for funding. Oil exposure, not breeding habitat, is the likely inhibitor of recovery for harlequin ducks.				

Exxon Valdez Oil Spill Trustee Council

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



June 15, 2000

Thomas C. Kline, Jr., PhD
PWS Science Center
PO Box 705
Cordova, AK 99574

RE: Project 01393-BAA / Prince William Sound Food Webs: Structure and Change

Tom
Dear Dr. Kline:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council defer a decision on funding Project 01393/Prince William Sound Food Webs: Structure and Change until preliminary results from the shell data analysis are submitted and reviewed. If funded, funding will be contingent on (a) submittal and approval of a reduced budget that eliminates the ECOPATH objective and makes some other small reductions and (b) submittal of the Project 00541 manuscript. I have enclosed a copy of my preliminary recommendation on this project, along with a summary of the Chief Scientist's recommendation on the project's technical merits. This recommendation is made for public review and may be revised before it is provided to the Trustee Council in early August.

Funding for deferred projects will not be considered by the Trustee Council until December. However, it would be best to receive your preliminary analysis of results by about October 1, if possible. If a decision is made, after review of the results, to recommend funding for Project 01393, a revised budget can be prepared at that time. The Restoration Office estimate of the overall budget for Project 01393 is \$120,000, including agency general administration. You should work from this number in developing a revised budget. Enclosed is a list of items considered in the review of your budget which may help in your revision.

My preliminary recommendations on all proposals for funding in FY 01 have been incorporated into the Draft Work Plan, which will be available for public review on the

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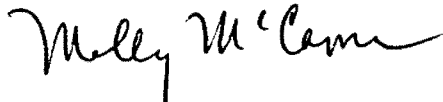
Trustee Council's web page (www.oilspill.state.ak.us) June 15. If you would like a copy of the Draft Work Plan sent to you, please call or e-mail the Restoration Office:

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

Public comments will be accepted on the Draft Work Plan through July 19. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Council. Council action on all but deferred projects is scheduled for August 3, 2000. Council action on deferred projects is expected in December 2000.

Thank you for your continuing interest in the *Exxon Valdez* restoration program. If you have any questions about this preliminary recommendation or the project review process, please call me or Bruce Wright, the NOAA liaison to the Trustee Council.

Sincerely,



Molly McCammon
Executive Director

Enclosures

cc: Bruce Wright, NOAA Liaison
Sharon Kent, NOAA Contracting

mm/pdb

SPREADSHEET B: EXECUTIVE DIRECTOR'S PRELIMINARY RECOMMENDATION / FY 01 DRAFT WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY01 Request	FY01 Recom.	FY02 Recom.	Total* FY01-02
01393-BAA	Prince William Sound Food Webs: Structure and Change	T. Kline/PWSSC	NOAA	Cont'd 3rd yr. 3 yr. project	\$131.2	\$120.0	\$0.0	\$120.0

Project Abstract

Recent research has shown that the oceanographic conditions connecting the northern Gulf of Alaska with Prince William Sound may affect recruitment and nutritional processes in fishes. Accordingly, food webs are subject to changes in carbon flow occurring between the Gulf of Alaska and Prince William Sound. This project seeks to (a) conduct retrospective analyses of Gulf of Alaska production shifts since the oil spill and (b) address ECOPATH model validation data gaps. These analyses will enable a better understanding of the ecological role of regime shift processes conjectured to be impeding the natural restoration of populations in Prince William Sound affected by the oil spill.

Chief Scientist's Recommendation

This is the third year of a three-year project to develop a retrospective assessment of carbon sources in the Prince William Sound food web by analyzing stable isotopes in layers of mussel shells. Data was also to be applied to continue validation of the Prince William Sound ECOPATH model (Project /330). The development of the ECOPATH model is completed, so this objective should not be funded for FY 01. Given that a significant amount of the shell data analysis is complete, the proposer should present his preliminary analysis to provide proof of concept. Defer pending further evaluation of progress.

Executive Director's Preliminary Recommendation

Defer decision on funding this project until preliminary results are submitted and reviewed. If funded, funding will be contingent on (a) submittal and approval of a reduced budget that eliminates the ECOPATH validation objective and makes several other small reductions and (b) submittal of the Project 00541 manuscript (due June 30, 2000). This project is using carbon and nitrogen stable isotope ratios to confirm the relative trophic status of species within the Prince William Sound ecosystem. This method could be a valuable tool for the Trustee Council's long-term research and monitoring program (GEM, or Gulf Ecosystem Monitoring). [NOTE: Recommended cost is target only.]

ITEMS CONSIDERED IN REVIEW OF FY 01 BUDGETS

1. Level of funding authorized in FY 00 and projection, at that time, of FY 01 budget. Items budgeted for FY 00 but not implemented should not be funded again in FY 01 unless the proposer can verify that he/she will lapse the "unused" FY 00 funds.
2. Direction given by Trustee Council and/or Chief Scientist in FY 00 Final Work Plan or in subsequent review sessions (e.g., transition to agency funding, close out certain components).
3. Change in project's scope per the Chief Scientist's recommendation (i.e., elimination, revision, or addition of objectives). If a pilot project is seeking expansion, note whether there is adequate information to evaluate the pilot's success. Decisions on some projects will need to be deferred pending fall review or completion of work underway in FY 00.
4. Personal Services: Note if number of months has increased significantly over FY 00 or if number of months appears excessive, e.g. 12 mos. for a closeout and no justification provided. Also note if salary appears excessive relative to scope of work and salaries typically paid agency or university employees for the type of work.
5. Project Management: No funds should be budgeted in the individual project budgets. Project management costs will be addressed in Project 01250.
6. Travel: Note if travel has increased significantly over FY 00 and no justification is provided. *Rental car calculation looks to be in error*
7. Annual Workshop: For PI and co-PI only, travel and per diem for up to 3 days -- and only if PI/co-PI not located in Anchorage.
8. Other EVOS Reviews/Workshops: No technical review sessions are scheduled for FY 01.
9. Professional Conferences: One each per PI (and co-PI if appropriate) if the PI will be presenting results of his or her EVOS work or attendance at the workshop is integral to the project -- and only if the DPD identifies the conference and the reason for attending.
10. Manuscript Preparation: Maximum \$1,000 in page costs per project and maximum 1.5 months personnel time per publication -- and only if the DPD indicates that a manuscript will be published (i.e., appear in print) in FY 01 (DPD must also include subject/title of manuscript, name of peer reviewed journal to

which will be submitted, and when it will be submitted). Note number of manuscripts for which funding support is requested.

11. Report Writing: No funding on new projects unless the DPD indicates the report will be completed in FY 01 (or rolled into a non-severable contract in FY 01).
12. Equipment: Note purchases of major new equipment.
13. Indirect Costs: Office supplies, copying, phones, equipment maintenance and repair, vehicle leasing, software, and training are typically indirect costs. Such costs should be budgeted for separately only if they are incurred because of a specific project and documentation of the expense is maintained. The documentation must demonstrate to a financial auditor that the expense was directly attributable to the project, and was necessary and reasonable. Maintenance and operation of space (i.e., lease costs) are always an indirect cost.

By agreement, University of Alaska indirect rate is 25% of all direct costs except subcontract costs in excess of \$25,000 (see p. 61 of *FY 01 Invitation* for more detail).

14. Community Involvement and TEK: Note funds budgeted.
15. Future Years: Note significant changes (from what was projected in the FY 00 Final Work Plan) in FY 2002. No funding decisions for FY 03 and beyond are being made at this time.
- ①6. Other: Note additional, project-specific budget issues that may need to be addressed.
 - Increased costs for photocopying, phone, presentation materials, office supplies, etc. not justified.
 - Per Chief Scientist's recommendation, delete costs associated with ECOPATH objective.

Exxon Valdez Oil Spill Trustee Council

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



June 15, 2000

Thomas Okey
University of BC, Fisheries Centre
2204 Main Mall
Vancouver, BC V6T 1Z4
CANADA

RE: Project 01397 / Developing Mass-Balance Simulation Models as Fisheries Management Tools in Alaska

Dear Mr. ^{Tom}~~Okey~~:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council defer a decision on funding Project 01397/Developing Mass-Balance Simulation Models as Fisheries Management Tools in Alaska pending satisfactory response to the Chief Scientist's concerns and further consideration of the funding available for the FY 01 Work Plan. If funded, funding will be contingent on (a) submittal and approval of a reduced budget and (b) submittal of the two manuscripts funded under Project 00330. I have enclosed a copy of my preliminary recommendation on this project, along with a summary of the Chief Scientist's recommendation on the project's technical merits. This recommendation is made for public review and may be revised before it is provided to the Trustee Council in early August.

Please submit a written response, in the form of a revised Detailed Project Description if possible, addressing the Chief Scientist's concerns. Although a decision on deferred projects will not be made by the Trustee Council until December, it would be helpful to have your response by about August 1. If, upon review of your response, a decision is made to recommend funding of Project 01397, a revised budget can be prepared at that time. Enclosed is a list of items considered in the review of your budget which may help you prepare a revised budget.

My preliminary recommendations on all proposals for funding in FY 01 have been incorporated into the Draft Work Plan, which will be available for public review on the

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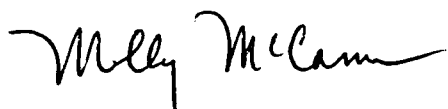
Trustee Council's web page (www.oilspill.state.ak.us) June 15. If you would like a copy of the Draft Work Plan sent to you, please call or e-mail the Restoration Office:

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

Public comments will be accepted on the Draft Work Plan through July 19. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Council. Council action on all but deferred projects is scheduled for August 3, 2000. Council action on deferred projects is expected in December 2000.

Thank you for your continuing interest in the *Exxon Valdez* restoration program. If you have any questions about this preliminary recommendation or the project review process, please call me or Claudia Slater, the ADF&G liaison to the Trustee Council.

Sincerely,



Molly McCammon
Executive Director

Enclosure

cc: Claudia Slater, ADF&G Liaison

mm/pdb

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY01 Request	FY01 Recom.	FY02 Recom.	Total , FY01-02
01397	Developing Mass-Balance Simulation Models as Fisheries Management Tools in Alaska	T. Okey/UBC	ADFG	New 1st yr. 1 yr. project	\$137.5	\$105.0	\$27.0	\$132.0

Project Abstract

This project will develop a mass-balance simulation model to be used to better understand and manage important fisheries resources within Prince William Sound and adjacent marine areas. A mass-balance model of trophic flows in the sound was developed under Project /330. Although analyses using this model indicate intriguing effects of fisheries, the current model was not specifically structured to evaluate harvest strategies or policies that fisheries managers are currently considering. This project will (a) obtain and incorporate more detailed information on selected species and species groups from the Alaska Department of Fish and Game and other sources; (b) modify the existing model to provide output useful for fisheries management; (c) include environmental forcing components in the model to allow simulation of possible environmental, as well as anthropogenic, effects on species of interest; and (d) make the model and data available in the public domain on the Internet.

Chief Scientist's Recommendation

Past contributions by this proposer to restoration objectives have been substantial (Project /330), but this proposal is not specific enough about what fishery management issues it would address. The proposal aims to create a "useful tool" for the Alaska Department of Fish and Game without identifying the problem to which the tool will be applied and who will apply it. The proposal lacks an indication of endorsement from the Alaska Department of Fish and Game and from other agencies and user groups in the Prince William Sound area, despite a significant amount of effort in Project /330 to develop this interest. It is vitally important that any modeling efforts the Trustee Council undertakes eventually lead to solving specific problems, and that the end users, managers, harvesters, and environmental groups be identified and engaged. The existing model is a powerful teaching tool with potential research applications, but it does not offer output that can presently be used for management decision-making. In addition, the peer reviewers have challenged the outcomes of mass balance simulation models used previously, and other approaches may be more appropriate. Do not fund.

Executive Director's Preliminary Recommendation

Defer decision on funding this project pending (a) availability of funds and (b) satisfactory response to the Chief Scientist's concerns. If funded, funding will be contingent on submittal and approval of a reduced budget. This project proposes to revise the Prince William Sound mass-balance model developed under Project /330 to make it a useful tool for fisheries managers. However, the Chief Scientist finds that the proposal lacks specificity and fails to demonstrate the necessary interest from the Alaska Department of Fish and Game and other agencies and user groups at which the proposal is aimed. The Chief Scientist also raises a general concern about mass balance models.

ITEMS CONSIDERED IN REVIEW OF FY 01 BUDGETS

1. Level of funding authorized in FY 00 and projection, at that time, of FY 01 budget. Items budgeted for FY 00 but not implemented should not be funded again in FY 01 unless the proposer can verify that he/she will lapse the "unused" FY 00 funds.
2. Direction given by Trustee Council and/or Chief Scientist in FY 00 Final Work Plan or in subsequent review sessions (e.g., transition to agency funding, close out certain components).
3. Change in project's scope per the Chief Scientist's recommendation (i.e., elimination, revision, or addition of objectives). If a pilot project is seeking expansion, note whether there is adequate information to evaluate the pilot's success. Decisions on some projects will need to be deferred pending fall review or completion of work underway in FY 00.
- ④ 4. Personal Services: Note if number of months has increased significantly over FY 00 or if number of months appears excessive, e.g. 12 mos. for a closeout and no justification provided. Also note if salary appears excessive relative to scope of work and salaries typically paid agency or university employees for the type of work. *Salary increases from FY 00 not explained! Okay from \$4.2 to \$6.5/mo; grad student from \$1.2 to \$2.0/mo.*
5. Project Management: No funds should be budgeted in the individual project budgets. Project management costs will be addressed in Project 01250.
- ⑥ 6. Travel: Note if travel has increased significantly over FY 00 and no justification is provided. *Airfare for field work seems high.*
- ⑦ 7. Annual Workshop: For PI and co-PI only travel and per diem for up to 3 days -- and only if PI/co-PI not located in Anchorage. *Airfare higher than actual.*
8. Other EVOS Reviews/Workshops: No technical review sessions are scheduled for FY 01.
- ⑨ 9. Professional Conferences: One each per PI (and co-PI if appropriate) if the PI will be presenting results of his or her EVOS work or attendance at the workshop is integral to the project -- and only if the DPD identifies the conference and the reason for attending.
10. Manuscript Preparation: Maximum \$1,000 in page costs per project and maximum 1.5 months personnel time per publication -- and only if the DPD indicates that a manuscript will be published (i.e., appear in print) in FY 01 (DPD must also include subject/title of manuscript, name of peer reviewed journal to

which will be submitted, and when it will be submitted). Note number of manuscripts for which funding support is requested.

11. Report Writing: No funding on new projects unless the DPD indicates the report will be completed in FY 01 (or rolled into a non-severable contract in FY 01).
12. Equipment: Note purchases of major new equipment.
13. Indirect Costs: Office supplies, copying, phones, equipment maintenance and repair, vehicle leasing, software, and training are typically indirect costs. Such costs should be budgeted for separately only if they are incurred because of a specific project and documentation of the expense is maintained. The documentation must demonstrate to a financial auditor that the expense was directly attributable to the project, and was necessary and reasonable. Maintenance and operation of space (i.e., lease costs) are always an indirect cost.

By agreement, University of Alaska indirect rate is 25% of all direct costs except subcontract costs in excess of \$25,000 (see p. 61 of *FY 01 Invitation* for more detail).

14. Community Involvement and TEK: Note funds budgeted.
15. Future Years: Note significant changes (from what was projected in the FY 00 Final Work Plan) in FY 2002. No funding decisions for FY 03 and beyond are being made at this time.
16. Other: Note additional, project-specific budget issues that may need to be addressed.

CD costs not explained (medium would be Internet)

Exxon Valdez Oil Spill Trustee Council

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



June 15, 2000

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

RE: Project 01462-CLO / Effect of Disease on Pacific Herring Population Recovery in Prince William Sound

Dear Dr. Marty:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council fund Project 01462/Effect of Disease on Pacific Herring Population Recovery in Prince William Sound. I have enclosed a copy of my preliminary recommendation on this project, along with the Chief Scientist's recommendation on the project's technical merits. This recommendation is made for public review and may be revised before it is provided to the Trustee Council in early August. Please note that funding is recommended for project closeout in FY 01, including preparation of a final report.

My preliminary recommendations on all proposals for funding in FY 01 have been incorporated into the Draft Work Plan, which will be available for public review on the Trustee Council's web page (www.oilspill.state.ak.us) June 15. If you would like a copy of the Draft Work Plan sent to you, please call or e-mail the Restoration Office:

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

Public comments will be accepted on the Draft Work Plan through July 19. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Council. Council action on the Work Plan is scheduled for August 3, 2000.

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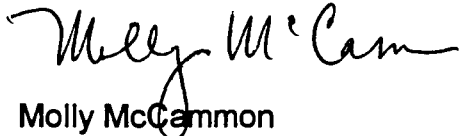
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Alaska Department of Environmental Conservation
Alaska Department of Law

Thank you for your continuing interest in the *Exxon Valdez* restoration program. If you have any questions about this preliminary recommendation, please call me or Claudia Slater, the ADF&G liaison to the Trustee Council.

Sincerely,

A handwritten signature in black ink, appearing to read "Molly McCammon". The signature is fluid and cursive, with the first name "Molly" and last name "McCammon" clearly distinguishable.

Molly McCammon
Executive Director

Enclosure

cc: Claudia Slater, ADF&G Liaison

mm/pdb

SPREAD SHEET B: EXECUTIVE DIRECTOR'S PRELIMINARY RECOMMENDATION / FY 01 DRAFT WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY01 Request	FY01 Recom.	FY02 Recom.	Total FY01-02
01462-CLO	Effect of Disease on Pacific Herring Population Recovery in Prince William Sound	G. Marty/Univ. of California Davis	ADFG	Cont'd 3rd yr. 3 yr. project	\$76.8	\$76.8	\$0.0	\$76.8
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Executive Director's Preliminary Recommendation</u>				
The Pacific herring population of Prince William Sound has not recovered from severe population decline in 1993. The two most important diseases in these fish are associated with viral hemorrhagic septicemia virus and the fungus-like organism <i>Ichthyophonus hoferi</i> . Prevalence of <i>Ichthyophonus</i> has been fairly constant since 1994, but virus prevalence has been highly variable. High prevalence of virus and associated ulcers in 1998 was related to decreased biomass and closure of most fisheries in 1999. All Pacific herring fisheries are closed in 2000. To determine if disease is limiting recovery, this project will continue to monitor the two major diseases in Pacific herring in Prince William Sound through April 2002. [NOTE: FY 01 was originally scheduled to be the closeout year for this project. The principal investigator is now proposing a fourth year of funding (FY 02).]		This continues to be a very unique and interesting study that is already the most comprehensive study ever conducted on the pathogen prevalence and potential impact of disease in a wild fish population. Support for FY 01 is indicated, but support beyond FY 01 will depend on the outcome of the herring synthesis being conducted under Project 00374. In the future, each individual herring project is to be evaluated on the level of integration with other herring work on spawning, recruitment, distribution, and population dynamics that is required to fully address the questions of herring productivity (or lack of it) and stock rebuilding. Fund closeout.		Fund closeout (including preparation of final report) of this project. This project is designed to determine whether disease continues to limit recovery of the Prince William Sound herring population. The results of the study so far have provided insight on management of the herring pound fishery. A substantial grant from the National Science Foundation has enabled the researchers 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



June 15, 2000

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

RE: Project 01404 / Archival Tags for Tracking King Salmon at Sea: Migrations, Biology, and Oceanographic Preferences in Prince William Sound


Dear Dr. Nielsen.

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council defer a decision on funding Project 01404/Archival Tags for Tracking King Salmon at Sea: Migrations, Biology, and Oceanographic Preferences in Prince William Sound pending (a) Project 00478 results on development of geolocation algorithms based on day length and (b) further consideration of the funding available for the FY 00 Work Plan. If funded, funding will be contingent on reducing the project's scope to a pilot effort in FY 01. I have enclosed a copy of my preliminary recommendation on this project, along with a summary of the Chief Scientist's recommendation on the project's technical merits. This recommendation is made for public review and may be revised before it is provided to the Trustee Council in early August.

My preliminary recommendations on all proposals for funding in FY 01 have been incorporated into the Draft Work Plan, which will be available for public review on the Trustee Council's web page (www.oilspill.state.ak.us) June 15. If you would like a copy of the Draft Work Plan sent to you, please call or e-mail the Restoration Office:

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

Public comments will be accepted on the Draft Work Plan through July 19. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final

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National Oceanic and Atmospheric Administration

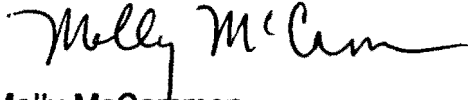
State Trustees

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

recommendation to the Council. Council action on all but deferred projects is scheduled for August 3, 2000. Council action on deferred projects is expected in December 2000.

Thank you for your continuing interest in the *Exxon Valdez* restoration program. If you have any questions about this preliminary recommendation or the project review process, please call me or Dede Bohn, the DOI-USGS liaison to the Trustee Council.

Sincerely,

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

Molly McCammon
Executive Director
Enclosure

cc: Dede Bohn, DOI-USGS Liaison

mm/pdb

SPREADSHEET B: EXECUTIVE DIRECTOR'S PRELIMINARY RECOMMENDATION / FY 01 DRAFT WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY01 Request	FY01 Recom.	FY02 Recom.	Total FY01-02
01404	Archival Tags for Tracking King Salmon at Sea: Migrations, Biology, and Oceanographic Preferences in Prince William Sound	J. Nielsen/USGS-BRD	DOI	New 1st yr. 2 yr. project	\$136.5	\$100.0		\$100.0

Project Abstract

Archive tags with temperature and light-geolocation sensors will be monitored for post-smolt king salmon in Prince William Sound. 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 king salmon during maturation in ocean environments in the sound. The opportunity to test the development and application of this tag technology for the first time in king salmon is available in collaboration with a new Alaska Department of Fish and Game chinook hatchery on Ester Island. Tagging chinook reared in the hatchery environment to the required size (~30 cm) will allow the efficiency and accuracy of this technology to be tested. Archive tagged fish will be used to document king salmon use of marine habitats, maturation routes, contribution to the sport fishery, and hatchery/wild interactions for chinook in Prince William Sound.

Chief Scientist's Recommendation

This is an innovative and timely proposal that needs some modification to be fully useful. If successful, this program may contribute to identification of ecologically sensitive areas in Prince William Sound. The goals are well specified and the data could provide a unique perspective on productivity in the sound. Furthermore, the technology, as applied to salmon, has great potential. There is a question of whether a 30 cm long king salmon can bear this tag and retain normal behavior. Long-term the project will need to address the connection to the physical oceanographic program within Prince William Sound and beyond. It will be necessary to have the best available oceanographic data for interpretation of location and temperature of returned tagged fish. Live release should not take place without preliminary tag retention experiments. The project should proceed in phases, with a pilot tag retention, behavior, and growth study for a year (e.g., hatchery) and then a release experiment the next year contingent on the success of the retention study. Defer pending Project 00478 results on development of geolocation algorithms based on day length, as well as availability of funding.

Executive Director's Preliminary Recommendation

Defer decision on funding this project pending (a) Project 00478 results on development of geolocation algorithms based on day length and (b) availability of funds. If funded, funding will be contingent on submittal and approval of a revised Detailed Project Description and budget that reduce the project's scope to a pilot project only, consistent with the Chief Scientist's recommendation. This project would test the development and application of archive tag technology, which has great promise for a variety of species. Funding for a release experiment may be considered in FY 02, if the pilot retention study is successfully carried out in FY 01. [NOTE: The recommended cost is a target only. If funded, Alaska SeaLife Center bench fees will need to be added to this project.]

Exxon Valdez Oil Spill Trustee Council

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



June 15, 2000

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

RE: Project 01407 / Harlequin Duck Population Dynamics


Dear Mr. Rosenberg:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council defer a decision on funding Project 01407/Harlequin Duck Population Dynamics pending satisfactory response to the Chief Scientist's concerns. If funded, funding will be contingent on a reduced budget of \$71,000 and submittal of the Project 99273 report. A revised Detailed Project Description and budget need not be submitted at this time, but should be submitted as soon as practicable after your FY 00 data are available.

I have enclosed a copy of my preliminary recommendation on this project, along with a summary of the Chief Scientist's recommendation on the project's technical merits. This recommendation is made for public review and may be revised before it is provided to the Trustee Council in early August.

My preliminary recommendations on all proposals for funding in FY 01 have been incorporated into the Draft Work Plan, which will be available for public review on the Trustee Council's web page (www.oilspill.state.ak.us) June 15. If you would like a copy of the Draft Work Plan sent to you, please call or e-mail the Restoration Office:

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

Public comments will be accepted on the Draft Work Plan through July 19. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final

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recommendation to the Council. Council action on all but deferred projects is scheduled for August 3, 2000. Council action on deferred projects is expected in December 2000.

Thank you for your continuing interest in the *Exxon Valdez* restoration program. If you have any questions about this preliminary recommendation or the project review process, please call me or Claudia Slater, the ADF&G liaison to the Trustee Council.

Sincerely,

A handwritten signature in black ink, appearing to read 'Molly McCammon', with a stylized, flowing script.

Molly McCammon
Executive Director

Enclosure

cc: Claudia Slater, ADF&G Liaison

mm/pdb

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY01 Request	FY01 Recom.	FY02 Recom.	Total FY01-02
01407	Harlequin Duck Population Dynamics	D. Rosenberg/ADFG	ADFG	Cont'd 2nd yr. 3 yr. project	\$79.4	\$71.0	\$71.0	\$142.0
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Executive Director's Preliminary Recommendation</u>				
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. As part of the Gulf Ecosystem Monitoring program (GEM, the Trustee Council's long-term monitoring program), this project would help identify changes to the Gulf of Alaska ecosystem and improve our ability to differentiate between natural and man-caused population changes. [NOTE: This project also requested funds (\$75,000) for FY 03.]		This project is a valuable part of documenting injury and recovery in harlequin ducks. Harlequins appear to be susceptible to oil in nearshore environments and may be good indicators of the lingering effects of the spill, but the request for funding into FY 03 is premature. The proposal does not use power analysis techniques to assess the frequency of sampling necessary to detect meaningful changes over time, which is unfortunate as the assumption of annual sampling makes the project costly. Defer pending integration of FY 00 data into an assessment of the significance of population trends and power analysis to assess appropriate sampling frequency.		Defer decision on funding this project until the Chief Scientist's concerns (integration of FY 00 data and power analysis) are addressed. If funded, funding will be contingent on (a) submittal and approval of a revised budget for the expected amount (\$71,000) and (b) submittal of Project 99273 report (due June 15, 2000). Trustee Council funding is expected in FY 01 and FY 02 only; the proposer's request for funds in FY 03 is premature pending completion of the Council's long-term research and monitoring plan (GEM, Gulf Ecosystem Monitoring). 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

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



June 15, 2000

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

RE: Project 01486-BAA / Links Between Persistent Oil in Mussel Beds and Predators

Dear Dr. ~~Rice~~ ^{Jep}:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council defer a decision on funding Project 01486/Links Between Persistent Oil in Mussel Beds and Predators pending further consideration of the funding available for the FY 01 Work Plan. If funded, funding will be contingent on resolution of budget questions (see enclosure) and submittal of a number of reports/manuscripts. I have enclosed a copy of my preliminary recommendation on this project, along with a summary of the Chief Scientist's recommendation on the project's technical merits. This recommendation is made for public review and may be revised before it is provided to the Trustee Council in early August.

Please submit your revised budget to the Restoration Office, Attn. Sandra Schubert, by **July 7, 2000**.

My preliminary recommendations on all proposals for funding in FY 01 have been incorporated into the Draft Work Plan, which will be available for public review on the Trustee Council's web page (www.oilspill.state.ak.us) June 15. If you would like a copy of the Draft Work Plan sent to you, please call or e-mail the Restoration Office:

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

Public comments will be accepted on the Draft Work Plan through July 19. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final

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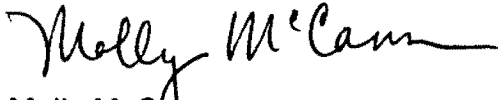
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recommendation to the Council. Council action on all but deferred projects is scheduled for August 3, 2000. Council action on deferred projects is expected in December 2000.

Thank you for your continuing interest in the *Exxon Valdez* restoration program. If you have any questions about this preliminary recommendation or the project review process, please call me or Bruce Wright, the NOAA liaison to the Trustee Council.

Sincerely,

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

Molly McCammon
Executive Director

Enclosures

cc: Bruce Wright, NOAA Liaison
Sharon Kent, NOAA Contracting
Claudia Slater, ADF&G Liaison

mm/pdb

SPREADSHEET B: EXECUTIVE DIRECTOR'S PRELIMINARY RECOMMENDATION / FY 01 DRAFT WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY01 Request	FY01 Recom.	FY02 Recom.	Total FY01-02
01486-BAA	Links Between Persistent Oil in Mussel Beds and Predators	S. Rice/NOAA, et. al.	NOAA	New 1st yr. 2 yr. project	\$199.0	\$199.0	\$130.0	\$329.0

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. Oiled beds are long-term sources of vertebrate contamination, which 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 nearshore vertebrate predators.

Chief Scientist's Recommendation

This project would attempt to link residual oil in mussel beds to exposure of invertebrate communities in mussel beds, nearby fish, and visiting birds, and mammals in western Prince William Sound in a more direct way. Previous work has established probable oil exposure to a variety of fish, birds and mammals using P4501A biomarkers in the nearshore environment of western Prince William Sound. The invertebrate communities underlying oiled mussel beds have not been examined for effects. The possible more direct linkages between oiled mussel beds and injured bird and mammal species that could be established by addition of remote video technology in this proposed work are qualitative. This would be useful work for determining if local effects are occurring around mussel beds twelve years after the spill, but may not be a high priority at this stage in the restoration program. Defer pending availability of funding.

Executive Director's Preliminary Recommendation

Defer decision on funding this project pending availability of funds. If funded, funding will be contingent on (a) resolution of budget questions and (b) submittal of Project 00090 final report due April 15, 2000; Project 00090 manuscripts due September 30, 2000; Project 99379 final report due June 1, 2000; and Project 00510 manuscript due April 15, 2000. 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.

ITEMS CONSIDERED IN REVIEW OF FY 01 BUDGETS

1. Level of funding authorized in FY 00 and projection, at that time, of FY 01 budget. Items budgeted for FY 00 but not implemented should not be funded again in FY 01 unless the proposer can verify that he/she will lapse the "unused" FY 00 funds.
2. Direction given by Trustee Council and/or Chief Scientist in FY 00 Final Work Plan or in subsequent review sessions (e.g., transition to agency funding, close out certain components).
3. Change in project's scope per the Chief Scientist's recommendation (i.e., elimination, revision, or addition of objectives). If a pilot project is seeking expansion, note whether there is adequate information to evaluate the pilot's success. Decisions on some projects will need to be deferred pending fall review or completion of work underway in FY 00.
4. Personal Services: Note if number of months has increased significantly over FY 00 or if number of months appears excessive, e.g. 12 mos. for a closeout and no justification provided. Also note if salary appears excessive relative to scope of work and salaries typically paid agency or university employees for the type of work.
5. Project Management: No funds should be budgeted in the individual project budgets. Project management costs will be addressed in Project 01250.
6. Travel: Note if travel has increased significantly over FY 00 and no justification is provided.
7. Annual Workshop: For PI and co-PI only, travel and per diem for up to 3 days -- and only if PI/co-PI not located in Anchorage.
Does workshop funding duplicate that in 01454? If yes, delete.
8. Other EVOS Reviews/Workshops: No technical review sessions are scheduled for FY 01.
9. Professional Conferences: One each per PI (and co-PI if appropriate) if the PI will be presenting results of his or her EVOS work or attendance at the workshop is integral to the project -- and only if the DPD identifies the conference and the reason for attending.
10. Manuscript Preparation: Maximum \$1,000 in page costs per project and maximum 1.5 months personnel time per publication -- and only if the DPD indicates that a manuscript will be published (i.e., appear in print) in FY 01 (DPD must also include subject/title of manuscript, name of peer reviewed journal to

which will be submitted, and when it will be submitted). Note number of manuscripts for which funding support is requested.

11. Report Writing: No funding on new projects unless the DPD indicates the report will be completed in FY 01 (or rolled into a non-severable contract in FY 01).
12. Equipment: Note purchases of major new equipment.
13. Indirect Costs: Office supplies, copying, phones, equipment maintenance and repair, vehicle leasing, software, and training are typically indirect costs. Such costs should be budgeted for separately only if they are incurred because of a specific project and documentation of the expense is maintained. The documentation must demonstrate to a financial auditor that the expense was directly attributable to the project, and was necessary and reasonable. Maintenance and operation of space (i.e., lease costs) are always an indirect cost.

By agreement, University of Alaska indirect rate is 25% of all direct costs except subcontract costs in excess of \$25,000 (see p. 61 of *FY 01 Invitation* for more detail).

14. Community Involvement and TEK: Note funds budgeted.
15. Future Years: Note significant changes (from what was projected in the FY 00 Final Work Plan) in FY 2002. No funding decisions for FY 03 and beyond are being made at this time.
- ①6. Other: Note additional, project-specific budget issues that may need to be addressed.

Budget forms should be restructured to show funds to ADFG for RSA with UAF.

Exxon Valdez Oil Spill Trustee Council

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



June 15, 2000

Jim Pfeiffenberger
Alaska SeaLife Center
PO Box 1329
Seward, AK 99664

RE: Project 01513 / EVOS: The Continuing Legacy

Dear Mr. Pfeiffenberger:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council fund Project 01513/EVOS: The Continuing Legacy contingent on submittal and approval of a reduced budget that deletes the Trustee Council contribution to Alaska SeaLife Center admission tickets. I have enclosed a copy of my preliminary recommendation on this project, along with the Chief Scientist's recommendation on the project's technical merits. This recommendation is made for public review and may be revised before it is provided to the Trustee Council in early August. Please note that funding is for FY 01 only, relying on the Alaska SeaLife Center to provide annual operation and maintenance funds.

The Restoration Office estimate of the overall budget for Project 01513 is \$50,300, including agency general administration. The revised budget should be prepared on the standard detailed budget forms and submitted to the Restoration Office, Attn: Sandra Schubert, by **July 7, 2000**. (Please submit three paper copies and an electronic copy of the budget.)

My preliminary recommendations on all proposals for funding in FY 01 have been incorporated into the Draft Work Plan, which will be available for public review on the

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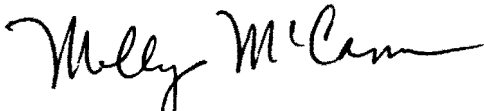
Trustee Council's web page (www.oilspill.state.ak.us) June 15. If you would like a copy of the Draft Work Plan sent to you, please call or e-mail the Restoration Office:

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

Public comments will be accepted on the Draft Work Plan through July 19. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Council. Council action on the Work Plan is scheduled for August 3, 2000.

Thank you for your continuing interest in the *Exxon Valdez* restoration program. If you have questions about this preliminary recommendation, please call me or Claudia Slater, the ADF&G liaison to the Trustee Council.

Sincerely,



Molly McCammon
Executive Director

Enclosure

cc: Claudia Slater, ADF&G Liaison

mm/pdb

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY01 Request	FY01 Recom.	FY02 Recom.	Total FY01-02
01513	<i>Exxon Valdez</i> Oil Spill: The Continuing Legacy	J. Pfeiffenberger/Alaska SeaLife Center	ADFG	New 1st yr. 1 yr. project	\$53.5	\$50.3	\$0.0	\$50.3
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Executive Director's Preliminary Recommendation</u>				
This project will develop an interactive exhibit " <i>Exxon Valdez</i> Oil Spill: The Continuing Legacy" to inform the public about the current status of wildlife species injured by the spill. It will combine pieces of the existing exhibit "Legacy of an Oil Spill, 10 Years After" with new audio and visual components that will allow easy updating of information as the status of injured species changes over time. This exhibit will be a permanent installation at the Alaska SeaLife Center and will serve as a source of public dissemination to hundreds of thousands of visitors.		This project will revise and expand the existing public education exhibit regarding the <i>Exxon Valdez</i> oil spill into a permanent display at the Alaska SeaLife Center. The project appears feasible, the proposer is qualified, and the display has the potential to reach large numbers of people with current information about the spill. Fund.		Fund contingent on submittal of a reduced budget that deletes contribution to Alaska SeaLife Center admission tickets; this cost is not related to the project's objectives. Funding commitment is for FY 01 only -- annual operation and maintenance costs should be the responsibility of the Alaska SeaLife Center. This project will provide a permanent exhibit at the heavily visited Alaska SeaLife Center on the resources injured by the oil spill, and will serve the Trustee Council's goal of disseminating information on restoration to the broadest audience possible.				

Exxon Valdez Oil Spill Trustee Council

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



June 15, 2000

Craig Matkin
North Gulf Oceanic Society
PO Box 15244
Homer, AK 99603

RE: Project 01012-BAA / Photographic and Acoustic Monitoring of Killer Whales in Prince William Sound and Kenai Fjords

Dear Mr. Matkin:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council fund Project 01012/Photographic and Acoustic Monitoring of Killer Whales in Prince William Sound and Kenai Fjords contingent on submittal of the previously promised manuscripts and a slightly reduced budget. I have enclosed a copy of my preliminary recommendation on this project, along with the Chief Scientist's recommendation on the project's technical merits. This recommendation is made for public review and may be revised before it is provided to the Trustee Council in early August.

Recent correspondence with you and Dr. Barrett-Lennard have clarified the titles of the three manuscripts still outstanding, as follows:

- Mating between acoustic clans (formerly gene flow)
- Niche partitioning
- Contaminants

The Restoration Office estimate of the overall budget for Project 01012 is \$72,100, including agency general administration. This reflects a reduction in the hydrophone maintenance contribution to the FY 00 level of \$2,000. The revised budget should be prepared on the standard detailed budget forms and submitted to the Restoration Office, Attn: Sandra Schubert, by **July 7, 2000**.

My preliminary recommendations on all proposals for funding in FY 01 have been incorporated into the Draft Work Plan, which will be available for public review on the

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Trustee Council's web page (www.oilspill.state.ak.us) June 15. If you would like a copy of the Draft Work Plan sent to you, please call or e-mail the Restoration Office:

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

Public comments will be accepted on the Draft Work Plan through July 19. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Council. Council action on the Work Plan is scheduled for August 3, 2000.

Thank you for your continuing interest in the *Exxon Valdez* restoration program. If you have questions about this preliminary recommendation, please call me or Bruce Wright, the NOAA liaison to the Trustee Council.

Sincerely,



Molly McCammon
Executive Director

Enclosure

cc: Bruce Wright, NOAA Liaison
Sharon Kent, NOAA Contracting

mmv/pdb

SPREADSHEET B: EXECUTIVE DIRECTOR'S PRELIMINARY RECOMMENDATION / FY 01 DRAFT WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY01 Request	FY01 Recom.	FY02 Recom.	Total FY01-02
01012-BAA	Photographic and Acoustic Monitoring of Killer Whale in Prince William Sound and Kenai Fjords	C. Matkin/North Gulf Oceanic Society	NOAA	Cont'd 9th yr. 9 yr. project	\$74.5	\$72.1		\$72.1
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Executive Director's Preliminary Recommendation</u>				
This project will continue the monitoring of the damaged AB resident pod and the potentially endangered AT1 transient population as well other Prince William Sound/Kenai Fjords killer whales. Monitoring has occurred on a yearly basis since 1984. Methods include the photo-identification of individual whales and acoustic monitoring with remote and vessel-based hydrophone systems. The project continues interpretation of current and previous data as well as data collected with other funds. [NOTE: This project also requested funds for FY 03 (\$75,000) and FY 04 (\$80,000).]		As a sentinel species occupying high trophic levels, killer whales are prime indicators of the health of the food web and the local environment. In FY 01, emphasis on a tighter linkage of the population dynamics to other elements of the ecosystem should be increased, to the extent this can be done. Given that killer whales are very much in the public eye, and the widespread perception that the population has suffered directly from the oil spill, this work is critical and should be continued. Production of publishable manuscripts is improving. Fund.		Fund FY 01 only contingent on (a) submittal of the three previously promised manuscripts not yet submitted: Gene flow (Barrett-Lennard), niche partitioning (Barrett-Lennard), and contaminants (Ylitalo) and (b) a slightly reduced budget. Future funding will depend on review of the FY 01 results. This project is providing valuable information about the long-term effects of the oil spill on resident and transient pods of killer whales in 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



June 15, 2000

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

RE: Project 01340 / Toward Long-Term Oceanographic Monitoring of the Gulf
of Alaska Ecosystem

Tom
Dear Dr. Weingartner:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council fund Project 01340/Toward Long-Term Oceanographic Monitoring of the Gulf of Alaska Ecosystem. I have enclosed a copy of my preliminary recommendation on this project, along with the Chief Scientist's recommendation on the project's technical merits. This recommendation is made for public review and may be revised before it is provided to the Council in early August. Please note that no Council funding is anticipated for this project in FY 02.

Please note that funding is in the amount of \$72,000, which includes \$2,000 for the acoustic release alignment, \$2,000 for two more full days and four more half days of the Little Dipper, and \$1,200 for the associated indirect and GA rates. It is my understanding that you presented these costs in an e-mail -- a revised detailed budget form should be submitted that reflects these additions (Attn: Sandra Schubert, by **July 7, 2000**). Also, I am aware that Trustee Council funding could be reduced by \$3,300 if your GLOBEC project is renewed. Please let us know as soon as you hear whether GLOBEC funds will be forthcoming.

My preliminary recommendations on all proposals for funding in FY 01 have been incorporated into the Draft Work Plan, which will be available for public review on the

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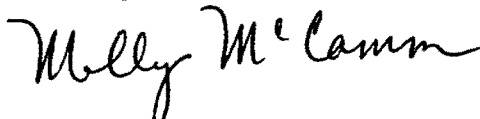
Trustee Council's web page (www.oilspill.state.ak.us) June 15. If you would like a copy of the Draft Work Plan sent to you, please call or e-mail the Restoration Office:

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E-mail	sandra_schubert@oilspill.state.ak.us

Public comments will be accepted on the Draft Work Plan through July 19. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Council. Council action on the Work Plan is scheduled for August 3, 2000.

Thank you for your continuing interest in the *Exxon Valdez* restoration program. If you have any questions about this preliminary recommendation, please call me or Claudia Slater, the ADF&G liaison to the Trustee Council.

Sincerely,



Molly McCammon
Executive Director

Enclosure

cc: Claudia Slater, ADF&G Liaison

mmv/pdb

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY01 Request	FY01 Recom.	FY02 Recom.	Total FY01-02
01340	Toward Long-Term Oceanographic Monitoring of the Gulf of Alaska Ecosystem	T. Weingartner/UAF	ADFG	Cont'd 4th yr. 4 yr. project	\$72.0	\$72.0	\$0.0	\$72.0
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Executive Director's Preliminary Recommendation</u>				
Interannual variations in the temperature and salinity of Gulf of Alaska shelf waters could significantly influence this ecosystem and, therefore, the recovery and restoration of organisms and services affected by the oil spill. This variability is best quantified from long time series such as that gathered over 30 years at a hydrographic station (GAK1) near Seward. This project will continue this time series to quantify variability on this shelf. It will also attempt to establish relationships between Seward sea level and shelf salinity and regional atmospheric pressure patterns and discharge variability. The data and the analyses will aid in designing a cost-effective ecosystem-monitoring program.		This is the fourth year of a proposed four-year effort to maintain the 30-year time series of monthly conductivity-temperature at depth (CTD) data collected at hydrographic station GAK1. Changes in atmospheric and ocean climate are conspicuous and have numerous biological correlates at several time scales. Decadal scale variability is implicated as the cause of changing abundances of many species of fish, seabirds, and marine mammals in the North Pacific, although the mechanisms remain unknown. Findings to date are expected to be highly useful to interpretation of restoration program findings, and are also expected to be important to planning for GEM (Gulf Ecosystem Monitoring, the Trustee Council's long-term monitoring program). Fund.		Fund; however, if GLOBEC contribution to this project is approved (expected Fall 2000), Trustee Council contribution should be reduced by \$3,300 (including GA). This project will continue the existing 30-year time series of conductivity- temperature at depth (CTD) data collected at hydrographic station GAK1 on the northcentral Gulf of Alaska shelf and, as in FY 00, includes retrospective analysis of the data record at this station. The GAK1 dataset will be useful to the Trustee Council's long-term research and monitoring program (GEM, Gulf Ecosystem Monitoring).				

Exxon Valdez Oil Spill Trustee Council

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



June 15, 2000

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

RE: Project 01338 / Survival of Adult Murres and Kittiwakes in Relation to
Forage Fish Abundance


Dear Dr. Piatt:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council defer a decision on funding Project 01338/Survival of Adult Murres and Kittiwakes in Relation to Forage Fish Abundance pending receipt of a memorandum that satisfactorily addresses the Chief Scientist's concerns. If funded, funding for this project will be contingent on submittal of the manuscripts promised under projects 00163, 00169, and 00306. I have enclosed a copy of my preliminary recommendation on this project, along with a summary of the Chief Scientist's recommendation on the project's technical merits. This recommendation is made for public review and may be revised before it is provided to the Trustee Council in early August.

My preliminary recommendations on all proposals for funding in FY 01 have been incorporated into the Draft Work Plan, which will be available for public review on the Trustee Council's web page (www.oilspill.state.ak.us) June 15. If you would like a copy of the Draft Work Plan sent to you, please call or e-mail the Restoration Office:

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

Public comments will be accepted on the Draft Work Plan through July 19. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final

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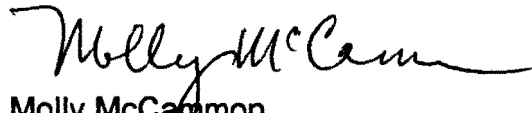
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Alaska Department of Law

recommendation to the Council. For most projects, Council action is scheduled for August 3, 2000. Council action on some projects may be deferred to December 2000.

Thank you for your continuing interest in the *Exxon Valdez* restoration program. If you have any questions about this preliminary recommendation or the project review process, please call me or Dede Bohn, the DOI-USGS liaison to the Trustee Council.

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: Dede Bohn, USGS Liaison

mm/pdb

SPREADSHEET B: EXECUTIVE DIRECTOR'S PRELIMINARY RECOMMENDATION / FY 01 DRAFT WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY01 Request	FY01 Recom.	FY02 Recom.	Total FY01-02
01338	Survival of Adult Murres and Kittiwakes in Relation to Forage Fish Abundance	J. Piatt/USGS-BRD	DOI	Cont'd 4th yr. 4 yr. project	\$47.2	\$47.2	\$0.0	\$47.2
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Executive Director's Preliminary Recommendation</u>				
Some seabird populations damaged by the oil spill continue to decline or are not recovering. In order to understand the ultimate cause of seabird population fluctuations, productivity, recruitment, and adult survival must be measured. Recent studies in Project /163 (APEX) focused on measuring productivity only. Recruitment measurement demands an unrealistic study duration. This project will augment current studies in lower Cook Inlet that relate breeding success and foraging effort to fluctuations in forage fish density by using banding and resighting to quantify the survival of adult common murres and black-legged kittiwakes.		This is the final year of this project, which is addressing a question that needs to be answered in order to understand causes of fluctuations in numbers of murres and kittiwakes. Given that the principal investigators are still in the process of banding birds, it is not clear that the project will have the statistical power to conduct the study plan as envisioned. Given the lack of success in banding, proposers need to indicate, prior to continued funding, how the project can achieve its goals. Defer, pending receipt of a memorandum from the principal investigator that demonstrates he has sufficient birds to achieve the project's objectives in a scientifically rigorous fashion.		Defer decision on funding this project pending receipt of a memorandum from the principal investigator indicating that he has banded a sufficient number of birds to meet the necessary sample size for this study. If funded, funding will be contingent on submittal of the manuscripts promised by this principal investigator in FY 00 (four under Project 00163, four under Project 00169, and four under Project 00306). This project is intended to provide information on whether the availability and quality of forage fish influence the survival of adult murres and kittiwakes. The results of the study will contribute to understanding of the recovery of these species following the oil spill.				

Exxon Valdez Oil Spill Trustee Council

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



June 15, 2000

Dave Daisy
2826 54th Street, S
Gulfport, Florida 33707-5528

RE: Project 01131 / Chugach Native Region Clam Restoration

Dear Mr. ~~Daisy~~ *Dave*:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council fund Project 01131/Chugach Native Region Clam Restoration. I have enclosed a copy of my preliminary recommendation on this project, along with the Chief Scientist's recommendation on the project's technical merits. This recommendation is made for public review and may be revised before it is provided to the Trustee Council in early August.

My preliminary recommendations on all proposals for funding in FY 01 have been incorporated into the Draft Work Plan, which will be available for public review on the Trustee Council's web page (www.oilspill.state.ak.us) June 15. If you would like a copy of the Draft Work Plan sent to you, please call or e-mail the Restoration Office:

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

Public comments will be accepted on the Draft Work Plan through July 19. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Council. Council action on the Work Plan is scheduled for August 3, 2000.

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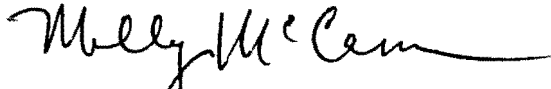
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U.S. Department of Agriculture
National Oceanic and Atmospheric Administration

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Alaska Department of Environmental Conservation
Alaska Department of Law

Thank you for your continuing interest in the *Exxon Valdez* restoration program. If you have any questions about this preliminary recommendation, please call me or Claudia Slater, the ADF&G liaison to the Trustee Council.

Sincerely,

A handwritten signature in black ink, appearing to read "Molly McCammon", with a long horizontal flourish extending to the right.

Molly McCammon
Executive Director

Enclosure

cc: Claudia Slater, ADF&G Liaison

mm/pdb

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY01 Request	FY01 Recom.	FY02 Recom.	Total FY01-02
01131	Chugach Native Region Clam Restoration	D. Daisy/CRRC	ADFG	Cont'd 6th yr. 6 yr. project	\$10.5	\$10.5	\$0.0	\$10.5

Project Abstract

Cost effective procedures for establishing easily accessible subsistence clam populations near Alaska Native villages in the oil spill region are being established. All fieldwork has been completed on this project. Additional funding is needed to complete data analysis and final report preparation, as FY 99 fieldwork and data collection were more costly than anticipated. This project will extend the submittal of the final report from April 15, 2000 to April 15, 2001.

Chief Scientist's Recommendation

This project should provide a lasting legacy of the potential for clam restoration and aquaculture in Alaska. The grow-out portion of this project has had some problems, but is designed in a way that should yield some useful information. The additional funding request is quite modest given the size of the project. Fund.

Executive Director's Preliminary Recommendation

Fund. This small amount of additional funding will allow for proper completion of the final report on this multi-year project, which has worked to enhance local clam populations as replacements for subsistence resources injured by the oil spill. Trustee Council funding support was provided for this project each year FY 95-99.

Exxon Valdez Oil Spill Trustee Council

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



June 15, 2000

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

Pat Harris
Auke Bay Lab
11305 Glacier Highway
Juneau AK 99801-8626 Short, Harris

RE: Project 01195 / Pristane Monitoring in Mussels

Dear Mr. Short and Ms. Harris:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council fund Project 01195/Pristane Monitoring in Mussels contingent on (a) submittal and approval of a revised Detailed Project Description that addresses the Chief Scientist's concerns and (b) submittal of the Project 99195 report and Project 00598 manuscript. I have enclosed a copy of my preliminary recommendation on this project, along with the Chief Scientist's recommendation on the project's technical merits and a summary of the detailed questions raised by the reviewers. This recommendation is made for public review and may be revised before it is provided to the Trustee Council in early August. Please note that no decisions about funding for FY 03 and beyond are being made at this time.

Please submit a revised Detailed Project Description (three paper copies and an electronic copy) to the Restoration Office, Attn: Sandra Schubert, by **July 7, 2000**.

My preliminary recommendations on all proposals for funding in FY 01 have been incorporated into the Draft Work Plan, which will be available for public review on the

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Trustee Council's web page (www.oilspill.state.ak.us) June 15. If you would like a copy of the Draft Work Plan sent to you, please call or e-mail the Restoration Office:

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

Public comments will be accepted on the Draft Work Plan through July 19. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Council. Council action on the Work Plan is scheduled for August 3, 2000.

Thank you for your continuing interest in the *Exxon Valdez* restoration program. If you have questions about this preliminary recommendation, please call me or Bruce Wright, the NOAA liaison to the Trustee Council.

Sincerely,

Molly McCammon
Executive Director

Enclosure

cc: Bruce Wright, NOAA Liaison

mrv/pdb

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY01 Request	FY01 Recom.	FY02 Recom.	Total FY01-02
01195	Pristane Monitoring in Mussels	J. Short, P. Harris/NOAA	NOAA	Cont'd	\$55.0	\$55.0	\$50.0	\$105.0

6th yr.
7 yr. project

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 five years. In FY 00, 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. [NOTE: The principal investigators have proposed that this project be continued indefinitely.]

Chief Scientist's Recommendation

This innovative project blends fisheries science, community involvement, and marine chemistry, and shows promise for making long-term contributions to fisheries management and ecological understanding. The low-cost monitoring and model validation steps proposed for FY 01 are appropriate. Several detailed questions have been raised by the reviewers relative to the statistical model along with considerations of how pristane monitoring could be integrated with other biological and physical monitoring efforts. Fund contingent on submittal of revised proposal addressing questions raised by peer reviewers.

Executive Director's Preliminary Recommendation

Fund contingent on (a) submittal and approval of a revised Detailed Project Description that addresses the Chief Scientist's concerns (related to the statistical model and integration with other monitoring efforts) and (b) submittal of Project 99195 report (due June 1, 2000) and Project 00598 manuscript (due August 31, 2000). This project is developing a relatively inexpensive measure of marine productivity, designed to allow predictions about future fisheries production and harvest levels. Funding has been requested for FY 03 and beyond under the Trustee Council's long-term research and monitoring program (GEM, Gulf Ecosystem Monitoring), but no decisions about funding under GEM are being made at this time.

**FY 2001 PEER REVIEWER EVALUATION FORM
AND TECHNICAL CRITERIA**

Project No 01195

Project Title: **Pristane Monitoring in Mussels**

[The following are scored 1-5, with 5 being the highest rating (e.g., excellent)]

1. The overall scientific merits of the proposal as demonstrated through (a) understanding of the problem, (b) soundness of the technical approach, (c) innovation and uniqueness of the project, and (d) feasibility (i.e., prospects for the project's success).

Score 5,4 Comments?

I invested some intense effort last year to evaluate the available evidence accumulated during the first years of this project to assess whether the hypothesis has a strong basis of support in the empirical observations to date. I concluded that this hypothesis was very promising and that the sampling deserved to continue. I thus am enthusiastic about this new request for support. I am especially pleased to see the effort moving more toward quantitative validation of the model relating an index of pristane increase in mussels to hatchery returns of pink salmon. That is what is now called for (in addition to the ongoing monitoring) so as to allow consideration of this monitoring in later years. I also endorse the process that has already occurred of reconsideration of the design for sampling so as to maximize information.

The techniques for pristane analysis and for quality control are cutting-edge analytical methods.

This is a well thought out and balanced proposal to extend the pristine monitoring in mussels around the hatcheries in PWS. The project builds on the work of the past 5 years that suggests that pristine levels in mussels after release of pink salmon fry provide a rough predictor (33% of the variance) of returns 2 years later. The work is innovative and feasible. The proposal is sound and well presented. The sole drawback of this research is that it provides a prediction of only one aspect of the ecosystem, and that from hatcheries. There is some indication of including wild runs in the work. The links to public participation are strong in this work and this is thought to provide a good platform for getting science into the communities and classrooms. Attempts to make predictions also give this project an interest beyond the techniques or the particulars of the science.

- (a) Understanding of the problem is good but not complete. In addition to the three basic problems identified in the proposal, 1) alternate non-pristane bearing prey, 2) confounding effects of pink salmon defecation on Pristane concentration [Pr] with that of other predators on *Neocalanis*, 3) fluctuations in horizontal distribution of pink salmon with respect to shoreline, there are five other basic problems not specified but suggested, 4) effect of fluctuations in rates of advection of feces among localities of mussel beds (wave action, tidal height fluctuations, wind forced current changes), 5) changes in effects of predation on marine survival of pink salmon associated with changes in horizontal distribution with respect to shoreline and changes in relative abundances of types of prey available to potential predators on pink salmon, and 6) contributions of Pristane from feces of birds and other predators feeding on pink salmon, 7) contributions of Pristane from pink salmon not in the survival computation (closed population problem), and 8) the relations between food and growth and growth and survival in pink salmon may not be linear. Since both [Pr] and rates of predation are sensitive to horizontal distribution from the shoreline, would the effects be offsetting, and to what degree? Identification of the sources of changes in [Pr] is correspondingly incomplete. Sources of change in [Pr] are 1) changes in food availability, 2) predation on pink salmon unrelated to horizontal distribution, 3) predation related to horizontal distribution, 4) changes in rate of advection of feces, 5) changes in contributions of Pristane from non-pink salmon.

- (b) Soundness of the technical approach could be improved in two regards, mathematical/statistical and ecosystem connectedness.

Mathematical/Statistical

The mathematical model of the relation between maximum increases in Pristane concentration [Pr] at 25 stations and survival was never formally specified, which left open some important questions, such as which mussel beds are related to survivals of which salmon populations, and exactly how salmon survivals are calculated (and by whom?). On page 5 it is stated that “*Maximum increases of pristane concentrations in mussels at stations within 25 km of hatcheries 2 weeks following mass-releases of pink or chum salmon will be normalized to the size of the release. This ratio, denoted as the pristane index (PI), will be regressed against marine survival of released hatchery salmon (denoted S).*” It should be noted that this is equivalent to stating that Pristane concentrations [Pr] are proportional to the number of adults returning from the release, i.e. the regression of PI v. S is equivalent to [Pr] v. N_t . Where t is the length of marine residence.

$$\text{Because } PI = mS + b + \epsilon \quad \{1\}$$

(presumably) where b is the slope intercept and ϵ is error then $[Pr] / N_o = m(N_t / N_o) + b + \epsilon$ and $[Pr] = mN_t + b / N_o + \epsilon / N_o$ so let $b / N_o = c$ and $\epsilon / N_o = \xi$ and the regression model becomes

$$[Pr] = mN_t + c + \xi \quad \{2\}$$

Leaving questions of geographic structure and stock structure aside for the moment, expression {2} is intriguing because it makes clear that the maximum increase in the concentration of Pristane is proportional to the number of returning adults, independent of the number released.

There is no density dependence or adjustment for trends in climate or anything else, because for each value of maximum increase in [Pr] there is a unique number of pink salmon returning. Why should this be so? Because the model was not formally specified, it is still not clear if PI is the sum of maximum increases for all 25 stations, or some subset. Maximum increase relative to what? The preceding measurement? The lowest measurement? The average measurement? It is important conceptually because based on the explanation on page 5 of the proposal the model could be

$$\text{MAX}\{d[Pr] / dt\} = mN_t + c + \xi$$

Which means that the maximum time rate of change in [Pr] is proportional to the number of returning adults. Why should the number of returning adults be proportional to the rate of change in [Pr] and not to the highest observed magnitude of [Pr]? Is $d[Pr]/dt$ proportional to [Pr]? If so, what are the consequences and advantages for the estimation of survival by the proposed method?

The statement in the proposal on page 5, “*The regression relation of S vs. PI for all hatcheries combined will be used as the basis for wild-stock survival estimates.*” points out the need for explicit stock structure and geographic structure in the mathematical/statistical model. There would appear to be no S *per se* unless the proposal envisions the survivals of hatchery and wild stocks to be the same? There is at the least S_w and S_H which are the marine survivals of wild stock and hatchery respectively, but there are also S_{wJ} and S_{wK} where J denotes the Jth wild stock and K is the Kth hatchery. The J's and K's also bring geographic structure because these stocks originate in sometimes widely separated locations. So here are the basic questions,

$$[Pr]_{tt} = mN_{tt} + c + \xi \text{ or } d[Pr]_{tt} / dt = mN_{tt} + c + \xi \text{ or something else?}$$

(where t is understood).

One more question, when, “*Wild-stock estimates will be made for each salmon management district within PWS.*” (Page 5) How would the wild-stock catches be allocated to district of origin and what effect would this have on the precision of estimates of S_w ? Perhaps the precision of estimates of wild stock survivals would be so poor as to make their comparison to [Pr] meaningless? How could the relation between [Pr] and S_w be estimated?

Ecological connectedness:

The model needs to be connected to other physical and biological features of the ecosystem in order to be successful for the purpose intended in the long-term. Whatever form the model ultimately takes, it is a two dimensional representation of a p-dimensional response surface. All such models eventually fail to serve the purpose intended, no matter how well they may work from time to time. Other dimensions of the response surface are identified as the first eight items in paragraph (a) above. While this is too much to implement at this stage of model development, it is not too soon to discuss the feasibility of linking this model to physical models and other biological monitoring programs in the long-term. If there are no long-term prospects or plans for understanding factors 1 – 8 para (a), among others, in relation to Pristane concentrations and adult pink salmon returns, then the proposal would not be a candidate for long-term support.

- (c) Innovation and uniqueness of the project are very high since it attempts to link production of an economically important species to an ecological process. Linkage of the abundance of the juvenile pink salmon's prey abundance to the subsequent abundance of adult pink salmon is highly innovative.
- (d) Feasibility (i.e., prospects for the project's success) in the near term appear to be good based on the combination of field and laboratory experience, e.g. *"Comparison of marine survival determined from adults returning to these hatcheries, with pristane concentration increases in mussels collected from sampling stations within 25 km of hatcheries before and 2 - 3 weeks following release of juveniles, showed that 33% of the interannual survival variability is explained by pristane increases ($P < 0.05$, $df = 13$)."* Page 3. Long-term prospects depend on the degree to which other important variables can be incorporated into the model (see paragraph (b) above).

2. The potential contribution of the proposal to the identified recovery objectives. In other words, the extent to which the proposal will help achieve the restoration objectives identified for a given resource.

Score 4.5,3,4__ Comments?

Pink salmon were an injured resource and are a potential sentinel organism for ecosystem function because of their abundance and their sensitivity to growing conditions during the sound residence, which translates into survivorship differences. Thus, this monitoring addresses an important resource directly and has broader implications for the function of the entire sound ecosystem, making the monitoring a good candidate for inclusion in GEM.

I note that this project involves substantial public participation in appropriate ways that do not compromise rigor yet allow public ownership.

Pink salmon have recovered to a large extent from the EVOS. However, they are important in the region and to the fisheries, and predictions of returns could be very valuable to monitoring program. It is thought that this work will increase in value as the time series increases in length (decades would be nice to track things).

Contributes to the following recovery objectives: Enhanced management capabilities for an injured species, improved understanding of ecological processes involving economically important injured species, further information relevant to understanding relations between food and growth, and growth and survival that were used in the NRDA "effects of oil on growth" studies in pink salmon. Also contributes to the Trustee Council's policy of community involvement in ways and means.

3. The organization's (a) capabilities and experience and (b) record of past performance (including in the EVOS program). The (c) experience and qualifications of key personnel, and (d) whether facilities or other factors integral to the proposal success are available to support the project.

Score _5,5,4.5__ Comments?

Short is a pre-eminent organic hydrocarbon chemist and is knowledgeable about the trophic processes of importance in the sound ecosystem. His sampling designs and statistical methodologies are rigorous. He also has a good record of seeing his work into print in peer-reviewed journals.

Excellent people with good track record. Community involvement an added bonus.

I have concerns about (d) whether facilities or other factors integral to the proposal success are available to support the project, since there remains doubt about the solvency of PWSAC.

4. The cost effectiveness of the project proposal.

Score 4.5,4 Comments?

This is hard to judge but seems adequate.

Exxon Valdez Oil Spill Trustee Council

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



June 15, 2000

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

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

RE: Project 01245 / Community-Based Harbor Seal Management and
Biological Sampling

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

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council defer a decision on funding Project 01245/Community-Based Harbor Seal Management and Biological Sampling. I have enclosed a copy of my preliminary recommendation on this project, along with a summary of the Chief Scientist's recommendation on the project's technical merits. This recommendation is made for public review and may be revised before it is provided to the Trustee Council in early August.

A decision is being deferred on Project 01245 pending receipt of letters from harbor seal researchers identifying which samples they will need in FY 01 or would like collected in FY 01 for archiving for possible future use. This will require you to contact the individual researchers who have been receiving samples through the biosampling program, and ask that they submit information to the Restoration Office detailing the number and type of samples they will need in FY 01 in order to conduct their work.

The information you receive from the researchers should also be incorporated into a revised Detailed Project Description (DPD). The revised DPD should also include an updated table of samples collected to date for each year the project has been funded, the status of the sample database and a timeline for its completion, and updated milestones and endpoints. In addition, a revised budget should be prepared for the

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expected amount of \$40,000 (including agency general administration). Funding also will be contingent on submittal of the Project 99245 report.

Please submit the researcher letters, revised DPD, and revised budget to the Restoration Office, Attn: Sandra Schubert, by **July 7, 2000**. Please submit three paper copies and an electronic copy of the DPD and budget.

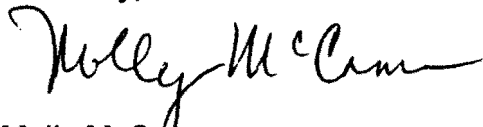
My preliminary recommendations on all proposals for funding in FY 01 have been incorporated into the Draft Work Plan, which will be available for public review on the Trustee Council's web page (www.oilspill.state.ak.us) June 15. If you would like a copy of the Draft Work Plan sent to you, please call or e-mail the Restoration Office:

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

Public comments will be accepted on the Draft Work Plan through July 19. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Council. For most projects, Council action is scheduled for August 3, 2000. Council action on some projects may be deferred to December 2000.

Thank you for your continuing interest in the *Exxon Valdez* restoration program. If you have any questions about this preliminary recommendation or the project review process, please call me or Claudia Slater, the ADF&G liaison to the Trustee Council.

Sincerely,



Molly McCammon
Executive Director

Enclosure

cc: Claudia Slater, ADF&G Liaison

mmv/pdb

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY01 Request	FY01 Recom.	FY02 Recom.	Total FY01-02
01245	Community-Based Harbor Seal Management and Biological Sampling	V. Vanek/ADFG, M. Riedel/Alaska Native Harbor Seal Commission	ADFG	Cont'd 8th yr. 9 yr. project	\$48.2	\$40.0		\$40.0

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. In FY 01, the sample collection program in Prince William Sound, lower Cook Inlet, around Kodiak Island, and along the Alaska Peninsula will continue. The Alaska Native Harbor Seal Commission will produce and distribute a newsletter with summaries of the biological sampling program.

Chief Scientist's Recommendation

This project coordinates public participation in providing standardized information on harbor seals. Samples taken from subsistence harvesters obviate the need for a scientific harvest. However, it does not appear that any EVOS projects in FY 01 will require sample collection. The existing monitoring network represents a valuable group of trained individuals, and it does supply samples to some non-EVOS investigators. Defer pending receipt of current information from harbor seal researchers outlining whether specific samples will be needed in FY 01 and whether specific types of archived samples will likely be useful in the future. Based on this information, a reduction in the budget may be warranted.

Executive Director's Preliminary Recommendation

Defer decision on funding this project pending receipt of letters, initiated by the project proposers, from harbor seal researchers identifying which samples they will need in FY 01 or would like collected in FY 01 for archiving for possible future use and receipt of a revised Detailed Project Description and budget that reflect (a) the information received from the researchers, (b) an updated table of samples collected to date, presented by year, (c) updated status of the sample database and a timeline for its completion, and (d) updated milestones and endpoints. If funded, funding will be contingent on submittal of the Project 99245 report (due June 30, 2000) and will be for no more than the expected amount (\$40,000). This project would 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. However, the Trustee Council's harbor seal projects are closing out in FY 01 and the need for additional samples needs to be demonstrated before continued funding can be considered.

Exxon Valdez Oil Spill Trustee Council

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



June 13, 2000

Kelly Zeiner
ADNR
550 W 7th Ave, Ste 706
Anchorage, AK 99501

Jeff Hock
ADEC
410 Willoughby Ave Ste 105
Juneau, AK 99801-1795

RE: Project 01391 / Cook Inlet Information Management & Monitoring System
(CIIMMS)

Dear ~~Ms. Zeiner~~ and ~~Mr. Hock~~ ^{Kelly} ^{Jeff}

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council fund Project 01391/CIIMMS contingent on submittal and approval of the long-term operation and maintenance plan called for in the FY 00 Detailed Project Description. I have enclosed a copy of my preliminary recommendation on this project, along with the Chief Scientist's recommendation on the project's technical merits. This recommendation is made for public review and may be revised before it is provided to the Trustee Council in early August.

My preliminary recommendations on all proposals for funding in FY 01 have been incorporated into the Draft Work Plan, which will be available for public review on the Trustee Council's web page (www.oilspill.state.ak.us) June 15. If you would like a copy of the Draft Work Plan sent to you, please call or e-mail the Restoration Office:

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

Public comments will be accepted on the Draft Work Plan through July 19. Following a review of the public comments, as well as comments from the Trustee Council's Public

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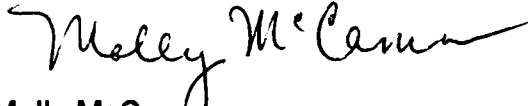
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Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Council. Council action on the Work Plan is scheduled for August 3, 2000.

Thank you for your continuing interest in the *Exxon Valdez* restoration program. If you have questions about this preliminary recommendation, please call me or Carol Fries, the ADNR liaison to the Trustee Council.

Sincerely,

A handwritten signature in black ink, reading "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: Carol Fries, ADNR Liaison
Marianne See, ADEC Liaison

mm/pdb

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY01 Request	FY01 Recom.	FY02 Recom.	Total • FY01-02
01391	Cook Inlet Information Management/Monitoring System (CIIMMS)	K. Zeiner/ADNR, J. Hock/ADEC	ADNR	Cont'd 3rd yr. 3 yr. project	\$239.0	\$239.0	\$0.0	\$239.0

Project Abstract

The Cook Inlet Information Management/Monitoring System (CIIMMS) will provide a wide range of users the opportunity to share and access valuable information and data about the Cook Inlet watershed and Cook Inlet-related activities. CIIMMS potential users include educators, scientists, students, researchers, resource managers, private organizations, and individual citizens. CIIMMS will provide an interactive website for the Cook Inlet community to efficiently and effectively contribute, identify and access relevant information from a distributed network of providers. The CIIMMS website is at <http://www.dec.state.ak.us/ciimms>.

Chief Scientist's Recommendation

Protecting the Trustee Council's substantial investment in CIIMMS requires continuation of the web site beyond the end of this project. The Alaska Department of Natural Resources and the Alaska Department of Fish and Game have committed to this, but have not clearly identified resources for operation and maintenance now and in the future. This project has been thoughtfully executed, with careful attention being paid to the comments of peer reviewers and potential users, and a web site has been developed with great potential for providing access to information about Cook Inlet. This site also could be integrated into the data and information system that will need to be in place for GEM (Gulf Ecosystem Monitoring, the Trustee Council's long-term monitoring program). The true test of the site will be the continued use it gets, which will be a function of people finding the site dependable and up-to-date. Fund contingent on submittal and review of the long-term operation and maintenance plan, due June 1, 2000.

Executive Director's Preliminary Recommendation

Fund contingent on submittal and approval of the long-term operation and maintenance plan for CIIMMS, which was to be completed June 1, 2000. This project aims to improve management of injured and other marine natural resources by facilitating data sharing, resource management, and planning within the Cook Inlet watershed. FY 01 will be the Trustee Council's final contribution to this effort.

Exxon Valdez Oil Spill Trustee Council

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



June 13, 2000

Patty Brown-Schwalenberg, Ex Dir
Chugach Regional Resources Com
4201 Tudor Centre Dr, Suite 211
Anchorage, AK 99508

RE: Project 01052 / Community Involvement Planning for GEM

Dear Ms. Brown-Schwalenberg:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council fund Project 01052/Community Involvement Planning for GEM contingent on submittal and approval of a revised Detailed Project Description and budget that (a) shift the project's emphasis in FY 01 to the new objectives regarding stewardship and GEM, (b) include a summary of what has been achieved in regard to FY 00 objectives, and (c) reduce the budget to \$200,000. I have enclosed a copy of my preliminary recommendation on this project, along with the Chief Scientist's recommendation on the project's technical merits. This recommendation is made for public review and may be revised before it is provided to the Trustee Council in early August.

Please submit your revised Detailed Project Description and budget (three paper copies and an electronic copy) to the Restoration Office, Attn: Sandra Schubert, by **July 7, 2000**.

My preliminary recommendations on all proposals for funding in FY 01 have been incorporated into the Draft Work Plan, which will be available for public review on the Trustee Council's web page (www.oilspill.state.ak.us) June 15. If you would like a copy of the Draft Work Plan sent to you, please call or e-mail the Restoration Office:

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

Public comments will be accepted on the Draft Work Plan through July 19. Following a

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review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Council. Council action on the Work Plan is scheduled for August 3, 2000.

Thank you for your continuing interest in the *Exxon Valdez* restoration program. If you have questions about this preliminary recommendation, please call me or Claudia Slater, the ADF&G liaison to the Trustee Council.

Sincerely,

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

Molly McCammon
Executive Director

Enclosure

cc: Claudia Slater, ADF&G Liaison

SPREADSHEET B: EXECUTIVE DIRECTOR'S PRELIMINARY RECOMMENDATION / FY 01 DRAFT WORKING PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY01 Request	FY01 Recom.	FY02 Recom.	Total FY01-02
01052	Community Involvement Planning for GEM	P. Brown- Schwalenberg/CRRC	ADFG	Cont'd 7th yr. 8 yr. project	\$223.7	\$200.0	\$180.0	\$380.0
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Executive Director's Preliminary Recommendation</u>				
In FY 01, the Spill Area-Wide Coordinator will continue to actively involve residents of Tatitlek, Chenega Bay, Port Graham, Nanwalek, Cordova/Eyak, Seward, Seldovia, Valdez, Kodiak/Ouzinkie, and Chignik Lake in the restoration program through direct communication with 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, the Trustee Council's long-term research and monitoring program. A Monitoring Committee, consisting of the Spill Area-Wide Coordinator, the TEK Specialist, contracted scientists, and the community facilitators, will focus on three objectives: (a) designing a community based monitoring program, (b) identifying specific monitoring activities, and (c) selecting monitoring activities for pilot projects in FY 02.		This ongoing project is a key component of the Trustee Council's efforts to maintain and enhance the involvement of local communities in the restoration program, and it is expected that this project will coordinate the input of local communities in planning for GEM (Gulf Ecosystem Monitoring, the Trustee Council's long-term research and monitoring program). The involvement of Dr. Cooney (the lead scientist on SEA, Project /320) as a consultant on the project is a positive development, as he can effectively represent the communities' interests in the scientific planning process. The principal investigators should continue to improve and expand efforts to document accomplishments and measure success, so that a comprehensive and meaningful final report can be developed. Fund at reduced level, contingent on satisfactory review of annual report.		Fund contingent on submittal and approval of a revised Detailed Project Description and budget that (a) shift the emphasis from the original community involvement and facilitation objectives to the new objectives regarding providing technical assistance to the five pilot communities (Tatitlek, Port Graham, Nanwalek, Ouzinkie, Cordova/Eyak) to participate in the development of GEM (Gulf Ecosystem Monitoring, the Trustee Council's long-term research and monitoring program) and to further develop their natural resource programs and stewardship capacity and (b) include a summary of what has been achieved in regard to FY 00 objectives (workshops, GEM Community Integration Plans, discussions with state and federal landowners, identification of injured species of community interest). 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. It is appropriate, as the Council's efforts shift from restoration to long-term monitoring, that this project also shift its emphasis. Specifically, I recommend that a portion of the funding being provided to each community facilitator for general facilitation/involvement purposes (currently \$6,000 annually) be reprogrammed to the pilot communities for increased involvement in GEM/stewardship activities and to the scientific consultants.				

Exxon Valdez Oil Spill Trustee Council

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



June 13, 2000

Robert M. Suryan
USFWS-MBM
1011 E Tudor Rd
Anchorage, AK 99503

RE: Project 01588 / Factors Affecting Forage Fish School or School Group Selection
in Prince William Sound

Dear Mr. ^{Rob}~~Suryan~~:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council not fund Project 01588/Factors Affecting Forage Fish School or School Group Selection in Prince William Sound. I have enclosed a copy of my preliminary recommendation on this project, along with the Chief Scientist's recommendation on the project's technical merits.

The Trustee Council received 113 proposals totaling more than \$13 million. The Council's funding cap for the FY 01 Work Plan is \$6 million, and it will not be possible to fund all projects proposed. In addition, the Chief Scientist raised several technical concerns with your proposal.

My preliminary recommendations on all proposals for funding in FY 01 have been incorporated into the Draft Work Plan, which will be available for public review on the Trustee Council's web page (www.oilspill.state.ak.us) June 15. If you would like a copy of the Draft Work Plan sent to you, please call or e-mail the Restoration Office:

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

Public comments will be accepted on the Draft Work Plan through July 19. Following a review of the public comments, as well as comments from the Trustee Council's Public

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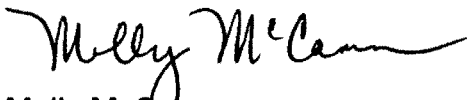
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Alaska Department of Law

Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Council. Council action on the Work Plan is scheduled for August 3, 2000.

Thank you for your interest in the *Exxon Valdez* restoration program. If you have any questions about this preliminary recommendation, please call me or Catherine Berg, the DOI-USFWS liaison to the Trustee Council.

Sincerely,

A handwritten signature in black ink, reading "Molly McCommon". The signature is fluid and cursive, with the first name "Molly" and last name "McCommon" clearly distinguishable.

Molly McCommon
Executive Director

Enclosure

cc: Catherine Berg, DOI-USFWS Liaison

mm/pdb

SPREAD EET B: EXECUTIVE DIRECTOR'S PRELIMINARY RECOMMENDATION / FY 01 DRAFT WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY01 Request	FY01 Recom.	FY02 Recom.	Total FY01-02
01588	Factors Affecting Forage Fish School or School Group Selection in Prince William Sound	R. Suryan/USFWS	DOI	New 1st yr. 2 yr. project	\$92.8	\$0.0	\$0.0	\$0.0
<p><u>Project Abstract</u></p> <p>This project will use existing digital imagery and underwater videos of seemingly exploitable schools of juvenile forage fishes (i.e., at or near surface) with and without foraging seabirds present to examine the fine scale selection of fish schools by foraging seabirds. The main goal of this project is to determine what factors (e.g., species composition, age class, threshold biomass, school depth, school location) determine whether or not a school of forage fish is truly available or of interest to foraging seabirds (both surface feeding and diving species). This project will provide important evidence in testing new hypotheses of food limitations in the recovery of seabird populations following the oil spill.</p>			<p><u>Chief Scientist's Recommendation</u></p> <p>This proposal addresses important gaps in our understanding of the relationships between forage fish and seabirds. The synthesis to be produced from APEX (Project /163) is intended to answer some of the same questions. Nonetheless, the specific biological and management information to be derived from this project is not clear. The ability to estimate density or biomass from the images seems to be critical to interpretation of results, but the proposal does not describe how density can be determined from the images. The features extracted from the images should be biologically meaningful. However, which variables can be successfully extracted from the images is not clear from the proposal. Do not fund.</p>			<p><u>Executive Director's Preliminary Recommendation</u></p> <p>Do not fund. The Chief Scientist has raised technical concerns with the proposal (ability to estimate density from the images and which variables can be extracted from the images).</p>		

Exxon Valdez Oil Spill Trustee Council

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



June 13, 2000

Lisa M. Rotterman, PhD
Enhydra Research
PO Box 243884
Anchorage, AK 99524

RE: Project 01581 / Publication of Pre- and Post-Spill Data on Health, Development, and Survival of Sea Otter Pups and Weanlings
Project 01582 / Development, Integration, Analysis, and Publication of Critical Information on Sea Otters

Dear Dr. Rotterman:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council not fund projects 01581/Publication of Pre- and Post-Spill Data on Health, Development, and Survival of Sea Otter Pups and Weanlings and 01582/Development, Integration, Analysis, and Publication of Critical Information on Sea Otters. I have enclosed a copy of my preliminary recommendation on these projects, along with the Chief Scientist's recommendation on the project's technical merits.

The Trustee Council received 113 proposals totaling more than \$13 million. The Council's funding cap for the FY 01 Work Plan is \$6 million, and it will not be possible to fund all projects proposed.

My preliminary recommendations on all proposals for funding in FY 01 have been incorporated into the Draft Work Plan, which will be available for public review on the Trustee Council's web page (www.oilspill.state.ak.us) June 15. If you would like a copy of the Draft Work Plan sent to you, please call or e-mail the Restoration Office:

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Toll-free in Alaska	1-800-478-7745
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E-mail	sandra_schubert@oilspill.state.ak.us

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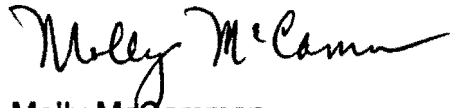
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Public comments will be accepted on the Draft Work Plan through July 19. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Council. Council action on the Work Plan is scheduled for August 3, 2000.

Thank you for your interest in the *Exxon Valdez* restoration program. If you have any questions about this preliminary recommendation, please call me or Bruce Wright, the NOAA liaison to the Trustee Council.

Sincerely,

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

Molly McCammon
Executive Director

Enclosure

cc: Bruce Wright, NOAA Liaison
Sharon Kent, NOAA Contracting

mmv/pdb

SPREADSHEET B: EXECUTIVE DIRECTOR'S PRELIMINARY RECOMMENDATION / FY 01 DRAFT WORKING PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY01 Request	FY01 Recom.	FY02 Recom.	Total FY01-02
01581-BAA	Publication of Pre- and Post-Spill Data on Health, Development, and Survival of Sea Otter Pups and Weanlings	L. Rotterman/Enhydra Research	NOAA	New 1st yr. 1 yr. project	\$5.9	\$0.0	\$0.0	\$0.0
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Executive Director's Preliminary Recommendation</u>				
This project will revise and publish a manuscript containing pre- and post-spill data on the health and survival of sea otter pups and weanlings. The project will (a) improve understanding of EVOS damage to marine mammals and related natural communities, (b) evaluate sea otter population processes affecting recovery, (c) evaluate future response and restoration strategies, and (d) generate benchmarks of sea otter population status.		While the potential contribution of the proposed manuscript is significant, the principal investigator has not performed well on past projects of a similar type. Do not fund.		Do not fund. In FY 97, the Trustee Council provided funds to this proposer to prepare four manuscripts based on pre- and post-spill data on sea otters. Those manuscripts were not completed and the contract was terminated in late FY 99. This project, along with Project 01582, requests funds to again prepare the data in manuscript form. Publication of the data would be worthwhile, but is a low priority because of concerns about the proposer's performance on the earlier project.				

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY01 Request	FY01 Recom.	FY02 Recom.	Total FY01-02
01582-BAA	Development, Integration, Analysis and Publication of Critical Information on Sea Otters	L. Rotterman/Enhydra Research	NOAA	New 1st yr. 1 yr. project	\$41.8	\$0.0	\$0.0	\$0.0
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Executive Director's Preliminary Recommendation</u>				
This project will provide information about the survival, reproduction, population structure, movements, habitat use, or rehabilitation of sea otters in Prince William Sound and adjacent areas. Findings from this project will enable: (a) evaluation of past, current and future monitoring and assessment study techniques and design, (b) establishment of benchmarks against which to gauge current status relative to recovery, (c) formulation of future spill response, (d) interpretation of monitoring and damage assessment results and modeling of sea otter recovery, and (e) elucidation of processes (e.g., immigration or emigration) impacting the course of recovery.		While the potential contribution of the proposed manuscript is significant, the principal investigator has not performed well on past projects of this type. Do not fund.		Do not fund. In FY 97, the Trustee Council provided funds to this proposer to prepare four manuscripts based on pre- and post-spill data on sea otters. Those manuscripts were not completed and the contract was terminated in late FY 99. This project, along with Project 01581, requests funds to again prepare the data in manuscript form. Publication of the data would be worthwhile, but is a low priority because of concerns about the proposer's performance on the earlier project.				

Exxon Valdez Oil Spill Trustee Council

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



June 13, 2000

John Thedinga
NMFS Auke Bay Lab
11305 Glacier Hwy
Juneau, AK 99801-8626

RE: Project 01492 / Were Pink Salmon Embryo Studies in Prince William Sound Biased?

Dear Mr. Thedinga:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council fund Project 01492/Were Pink Salmon Embryo Studies in Prince William Sound Biased? contingent on submittal and approval of a revised Detailed Project Description and budget that reduce the project's scope in FY 01 as recommended by the Chief Scientist. I have enclosed a copy of my preliminary recommendation on this project, along with the Chief Scientist's recommendation on the project's technical merits. This recommendation is made for public review and may be revised before it is provided to the Trustee Council in early August.

The Restoration Office estimate of the overall budget for Project 01492 is \$50,000, including agency general administration. You should work from this number in developing your revised budget. The revised budget should be prepared on the standard detailed budget forms and submitted, along with the revised Detailed Project Description, to the Restoration Office, Attn: Sandra Schubert, by **July 7, 2000**. (Please submit three paper copies and an electronic copy of the DPD and budget.)

My preliminary recommendations on all proposals for funding in FY 01 have been incorporated into the Draft Work Plan, which will be available for public review on the

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Trustee Council's web page (www.oilspill.state.ak.us) June 15. If you would like a copy of the Draft Work Plan sent to you, please call or e-mail the Restoration Office:

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

Public comments will be accepted on the Draft Work Plan through July 19. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Council. Council action on the Work Plan is scheduled for August 3, 2000.

Thank you for your continuing interest in the *Exxon Valdez* restoration program. If you have questions about this preliminary recommendation, please call me or Bruce Wright, the NOAA liaison to the Trustee Council.

Sincerely,



Molly McCammon
Executive Director

Enclosure

cc: Bruce Wright, NOAA Liaison

mm/pdb

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY01 Request	FY01 Recom.	FY02 Recom.	Total FY01-02
01492	Were Pink Salmon Embryo Studies in Prince William Sound Biased?	J. Thedinga/NOAA	NOAA	New 1st yr. 2 yr. project	\$105.3	\$50.0		\$50.0
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Executive Director's Preliminary Recommendation</u>				
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. This project will perform a combination of retrospective and experimental studies to determine if estimates of pink salmon embryo survival were accurate or biased by conducting a historical review of past sampling procedures and experimentally determining the ability to discriminate eggs killed by sampling (shock mortality) and previously dead eggs.		This proposal addresses critiques of government-sponsored studies of pink salmon embryo mortality by investigating a possible source of bias: field assessments in oiled streams were earlier than in unoiled streams, increasing the likelihood of egg mortality caused by sampling. The amount of time after egg death necessary for observers to visually detect mortality is a key unknown. If the amount of time is a matter of seconds, the possibility of bias is very high. If the amount of time is a matter of hours, the possibility of bias is remote. The proposal should be revised to conduct the study in a phased manner. In FY 01, the experimental determination of the sensitivity of pink salmon eggs to sampling stress should be conducted, including determining the time between application of stress and evidence of death. Based upon study results, further investigation (in FY 02 or beyond) may be warranted. Fund contingent on revised proposal.		Fund contingent on submittal and approval of revised Detailed Project Description and budget that reduce the project's scope in FY 01 as recommended by the Chief Scientist (determine sensitivity of eggs to sampling stress and time between application of stress and evidence of death). This project is designed to determine if estimates of pink salmon embryo survival following the oil spill were accurate. At present, 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. [NOTE: The recommended cost is a target only.]				

Exxon Valdez Oil Spill Trustee Council

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



June 13, 2000

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

RE: Project 01454 / Evidence and Consequences of Persistent Oil Contamination in
Pink Salmon Natal Habitats

Dear Dr. Rice: 

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council fund Project 01454/Evidence and Consequences of Persistent Oil Contamination in Pink Salmon Natal Habitats. I have enclosed a copy of my preliminary recommendation on this project, along with the Chief Scientist's recommendation on the project's technical merits. This recommendation is made for public review and may be revised before it is provided to the Trustee Council in early August.

My preliminary recommendations on all proposals for funding in FY 01 have been incorporated into the Draft Work Plan, which will be available for public review on the Trustee Council's web page (www.oilspill.state.ak.us) June 15. If you would like a copy of the Draft Work Plan sent to you, please call or e-mail the Restoration Office:

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

Public comments will be accepted on the Draft Work Plan through July 19. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Council. Council action on the Work Plan is scheduled for August 3, 2000.

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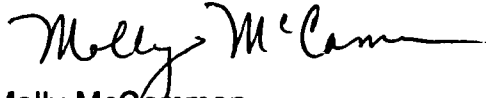
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Alaska Department of Law

Thank you for your continuing interest in the *Exxon Valdez* restoration program. If you have any questions about this preliminary recommendation, please call me or Bruce Wright, the NOAA liaison to the Trustee Council.

Sincerely,

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

Molly McCammon
Executive Director

Enclosure

cc: Bruce Wright, NOAA Liaison

mm/pdb

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY01 Request	FY01 Recom.	FY02 Recom.	Total FY01-02
01454-CLO	Evidence and Consequences of Persistent Oil Contamination in Pink Salmon Natal Habitats	S. Rice/NOAA	NOAA	Cont'd 2nd yr. 2 yr. project	\$103.2	\$103.2	\$0.0	\$103.2
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Executive Director's Preliminary Recommendation</u>				
Reports of persistent oil contamination in natal pink salmon streams in Prince William Sound and adverse biological effects at parts per billion oil concentrations stimulated this study in FY 00. Preliminary results demonstrate evidence of continued hydrocarbon contamination in some previously oiled streams. Fry from Prince William Sound and experimentally dosed fish have been collected for examination of a biomarker, cytochrome P4501A. When analyses are complete, data will be inspected for correlation between the biomarker, growth, predator avoidance, and marine survival. These results will be integrated with past research to reexamine the recovery status of pink salmon and their spawning habitat.		This ongoing project will provide valuable information regarding the continued exposure of pink salmon fry to hydrocarbons in the environment by using established biomarkers in a well-designed investigation with field and laboratory components. This is the closeout year for the project. Fund.		Fund project closeout. This project will provide the Trustee Council with the basis for evaluating the recovery status of pink salmon at the stream level, rather than depending on population levels that include hatchery production and many streams with little or no oil-exposure history.				

Exxon Valdez Oil Spill Trustee Council

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



June 13, 2000

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

RE: Project 01441-CLO / Harbor Seal Recovery: Effects of Diet on Lipid Metabolism and Health

Dear Dr. Davis:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council fund Project 01441/Harbor Seal Recovery: Effects of Diet on Lipid Metabolism and Health contingent on submittal and approval of a substantially reduced budget. I have enclosed a copy of my preliminary recommendation on this project, along with the Chief Scientist's recommendation on the project's technical merits. This recommendation is made for public review and may be revised before it is provided to the Trustee Council in early August.

The Restoration Office estimate of the overall budget for Project 01441 is \$78,100, including agency general administration. This amount is based on your earlier projections of project closeout costs, and seems to be an appropriate level for a year in which no new data collection or experiments are planned. The revised budget should be prepared on the standard detailed budget forms and submitted to the Restoration Office, Attn: Sandra Schubert, by **July 7, 2000**. (Please submit three paper copies and an electronic copy of the DPD and budget.) Enclosed is a list of items considered in the review of your budget which may help you prepare a revised budget.

My preliminary recommendations on all proposals for funding in FY 01 have been incorporated into the Draft Work Plan, which will be available for public review on the

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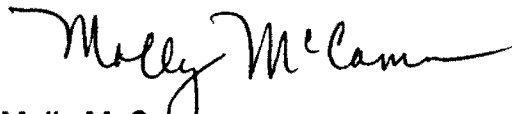
Trustee Council's web page (www.oilspill.state.ak.us) June 15. If you would like a copy of the Draft Work Plan sent to you, please call or e-mail the Restoration Office:

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

Public comments will be accepted on the Draft Work Plan through July 19. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Council. Council action on the Work Plan is scheduled for August 3, 2000.

Thank you for your continuing interest in the *Exxon Valdez* restoration program. If you have questions about this preliminary recommendation, please call me or Claudia Slater, the ADF&G liaison to the Trustee Council.

Sincerely,



Molly McCammon
Executive Director

Enclosure

cc: Claudia Slater, ADF&G Liaison

mmv/pdb

SPREADSHEET B: EXECUTIVE DIRECTOR'S PRELIMINARY RECOMMENDATION / FY 01 DRAFT WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY01 Request	FY01 Recom.	FY02 Recom.	Total FY01-02
01441-CLO	Harbor Seal Recovery: Effects of Diet on Lipid Metabolism and Health	R. Davis/Texas A&M Univ.	ADFG	Cont'd 3rd yr. 3 yr. project	\$163.8	\$78.1	\$0.0	\$78.1
<u>Project Abstract</u>			<u>Chief Scientist's Recommendation</u>		<u>Executive Director's Preliminary Recommendation</u>			
Ecosystem-wide changes in food availability could be affecting harbor seal population recovery. To better understand the results from field studies of harbor seal health, body condition, and feeding ecology, data is needed for seals on diets that vary in nutritional composition. Working with the Alaska SeaLife Center, this project will determine how fatty acid profiles in the blubber of captive harbor seals change over time during controlled diets of herring and pollock. In addition, the project will assess the aerobic capacity and lipid metabolism of skeletal muscle in harbor seals fed controlled diets and in wild harbor seals in Prince William Sound. The results will enhance understanding of the nutritional role and assessment of dietary fat for harbor seals.			The personnel costs seem excessive for a year in which no new data collection or experiments are planned. The roles of the principal investigator and two senior investigators in data analysis, report preparation, and manuscript preparation are outlined, but there is no justification given for the addition of two technical assistants (research assistant and graduate research assistant). Fund at no more than the original request (\$78,100).		Fund closeout of this project contingent on submittal and approval of a reduced budget for the expected amount (\$78,100). The large increase in closeout costs is not justified. This study is investigating the effect of diet on lipid metabolism and health in harbor seals. [NOTE: No work will be conducted at the Alaska SeaLife Center in FY 01.]			

ITEMS CONSIDERED IN REVIEW OF FY 01 BUDGETS

1. Level of funding authorized in FY 00 and projection, at that time, of FY 01 budget. Items budgeted for FY 00 but not implemented should not be funded again in FY 01 unless the proposer can verify that he/she will lapse the "unused" FY 00 funds.
2. Direction given by Trustee Council and/or Chief Scientist in FY 00 Final Work Plan or in subsequent review sessions (e.g., transition to agency funding, close out certain components).
3. Change in project's scope per the Chief Scientist's recommendation (i.e., elimination, revision, or addition of objectives). If a pilot project is seeking expansion, note whether there is adequate information to evaluate the pilot's success. Decisions on some projects will need to be deferred pending fall review or completion of work underway in FY 00.
4. Personal Services: Note if number of months has increased significantly over FY 00 or if number of months appears excessive, e.g. 12 mos. for a closeout and no justification provided. Also note if salary appears excessive relative to scope of work and salaries typically paid agency or university employees for the type of work. *Staff increases not justified.*
5. Project Management: No funds should be budgeted in the individual project budgets. Project management costs will be addressed in Project 01250.
6. Travel: Note if travel has increased significantly over FY 00 and no justification is provided. *Travel to Fairbanks not justified; ticket price high.*
7. Annual Workshop: For PI and co-PI only, travel and per diem for up to 3 days -- and only if PI/co-PI not located in Anchorage. *Ticket price is high.*
8. Other EVOS Reviews/Workshops: No technical review sessions are scheduled for FY 01.
9. Professional Conferences: One each per PI (and co-PI if appropriate) if the PI will be presenting results of his or her EVOS work or attendance at the workshop is integral to the project -- and only if the DPD identifies the conference and the reason for attending. *Ticket price is high.*
10. Manuscript Preparation: Maximum \$1,000 in page costs per project and maximum 1.5 months personnel time per publication -- and only if the DPD indicates that a manuscript will be published (i.e., appear in print) in FY 01 (DPD must also include subject/title of manuscript, name of peer reviewed journal to

which will be submitted, and when it will be submitted). Note number of manuscripts for which funding support is requested.

11. Report Writing: No funding on new projects unless the DPD indicates the report will be completed in FY 01 (or rolled into a non-severable contract in FY 01).
12. Equipment: Note purchases of major new equipment.
13. Indirect Costs: Office supplies, copying, phones, equipment maintenance and repair, vehicle leasing, software, and training are typically indirect costs. Such costs should be budgeted for separately only if they are incurred because of a specific project and documentation of the expense is maintained. The documentation must demonstrate to a financial auditor that the expense was directly attributable to the project, and was necessary and reasonable. Maintenance and operation of space (i.e., lease costs) are always an indirect cost.

By agreement, University of Alaska indirect rate is 25% of all direct costs except subcontract costs in excess of \$25,000 (see p. 61 of *FY 01 Invitation* for more detail).

14. Community Involvement and TEK: Note funds budgeted.
15. Future Years: Note significant changes (from what was projected in the FY 00 Final Work Plan) in FY 2002. No funding decisions for FY 03 and beyond are being made at this time.
16. Other: Note additional, project-specific budget issues that may need to be addressed.

Several other increases not explained -
 electron microscope analysis
 gas chromatography analysis
 expendable supplies • chemicals
 shipping
 phone

Exxon Valdez Oil Spill Trustee Council

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



June 13, 2000

Jia Wang, PhD
IARC/IMS UAF
PO Box 757220
Fairbanks, AK 99775-7220

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

Dear Dr. Wang:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council fund Project 01389/3-D Ocean State Simulations for Ecosystem Applications from 1995-98 in Prince William Sound, including the new objective related to the SEA (Project /320) database. However, funding for this new objective is contingent on completion, by the proposer of this component (Jennifer Allen), of previously funded work: Project 99361 video and Project 00414 web presentation. I have enclosed a copy of my preliminary recommendation on this project, along with the Chief Scientist's recommendation on the project's technical merits. This recommendation is made for public review and may be revised before it is provided to the Trustee Council in early August.

My preliminary recommendations on all proposals for funding in FY 01 have been incorporated into the Draft Work Plan, which will be available for public review on the Trustee Council's web page (www.oilspill.state.ak.us) June 15. If you would like a copy of the Draft Work Plan sent to you, please call or e-mail the Restoration Office:

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

Public comments will be accepted on the Draft Work Plan through July 19. Following a review of the public comments, as well as comments from the Trustee Council's Public

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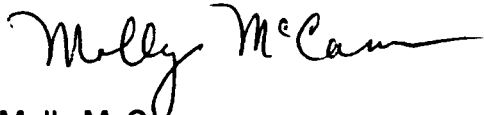
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Alaska Department of Law

Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Council. Council action on the Work Plan is scheduled for August 3, 2000.

Thank you for your continuing interest in the *Exxon Valdez* restoration program. If you have questions about this preliminary recommendation, please call me or Claudia Slater, the ADF&G liaison to the Trustee Council.

Sincerely,

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

Molly McCammon
Executive Director

Enclosure

cc: Claudia Slater, ADF&G Liaison
Jennifer Allen

mm/pdb

SPREA IEET B: EXECUTIVE DIRECTOR'S PRELIMINARY RECOMMENDATION / FY 01 DRAFT WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY01 Request	FY01 Recom.	FY02 Recom.	Total FY01-02
01389	3-D Ocean State Simulations for Ecosystem Applications from 1995-98 in Prince William Sound	J. Wang/UAF	ADFG	Cont'd 2nd yr. 2 yr. project	\$142.5	\$142.5	\$0.0	\$142.5
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Executive Director's Preliminary Recommendation</u>				
Using the observed data collected from 1995-98 in Prince William Sound and the forcing of tide, coastal current inflow/outflow, freshwater discharge, and wind stress, a 3-D Prince William Sound model developed under the Sound Ecosystem Assessment (SEA, Project /320) will be used to produce a continuous four year, 3-D fields of velocity, temperature, salinity and mixing coefficients for resource managers, fishing industry and biological applications (in SEA, only 1996 physical forcing has been provided). In addition, the interannual variability of Prince William Sound ocean circulation, temperature, and salinity due to interannually variable atmospheric forcing will be studied. This will allow identification of the key environmental parameters to be included in a long-term monitoring program to assist resource managers. In addition, FY 01 funding will rescue the Sound Ecosystem Assessment (SEA, Project/320) database and install it on a new server at the Institute of Marine Science, International Arctic Research Center at the University of Alaska Fairbanks. The new server will serve future modeling studies for the Gulf Ecosystem Monitoring (GEM) program.		This project will refine and apply the Prince William Sound physical model to questions about causes and consequences of physical and biological variability. To accomplish this goal, a large quantity of electronic information needs to be copied from the Prince William Sound Science Center computer system and delivered to the International Arctic Research Center, and this will also provide additional back-up of the SEA (Sound Ecosystem Assessment, Project /320) data archive. The cost of this transfer seems large, and there are questions regarding late reports by some team members. Nonetheless, investigators are uniquely qualified and their objectives are of the highest priority. Fund.		Fund, including new objective which will purchase a server for the University of Alaska Fairbanks International Arctic Research Center and install on it the SEA (Sound Ecosystem Assessment, Project /320) database. Funding for the new objective (\$79,800) is contingent on completion by the proposer (J. Allen) of previously funded work: Project 99361 video and Project 00414 web presentation. This project is designed to improve understanding of larval herring transport, which is essential for predicting productivity in Prince William Sound and which has been in demand by commercial fishers as well as fisheries managers.				

Exxon Valdez Oil Spill Trustee Council

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



June 13, 2000

Kathryn J. Frost
ADF&G Div of Wildlife Con
1300 College Rd
Fairbanks, AK 99701-1559

RE: Project 01064-CLO / Monitoring, Habitat Use, and Trophic Interactions of Harbor Seals in Prince William Sound

Dear Ms. ~~Frost~~ *Kathy*:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council defer a decision on funding Project 01064/Monitoring, Habitat Use, and Trophic Interactions of Harbor Seals in Prince William Sound pending submittal of the four manuscripts funded in FY 00 (seal movements, 1989-99 trend analysis, diving behavior, and fatty acids). I have enclosed a copy of my preliminary recommendation on this project, along with a summary of the Chief Scientist's recommendation on the project's technical merits. This recommendation is made for public review and may be revised before it is provided to the Trustee Council in early August.

If funded, funding will be contingent on a slightly reduced budget. The Restoration Office estimate of the overall budget for Project 01064 is \$24,600, including agency general administration. You should work from this number in developing your revised budget. The revised budget should be prepared on the standard detailed budget forms and submitted to the Restoration Office, Attn: Sandra Schubert, by **July 7, 2000**. (Please submit three paper copies and an electronic copy.) Enclosed is a list of items considered in the review of your budget which may help you prepare a revised budget.

My preliminary recommendations on all proposals for funding in FY 01 have been incorporated into the Draft Work Plan, which will be available for public review on the

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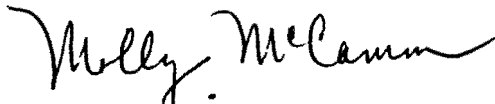
Trustee Council's web page (www.oilspill.state.ak.us) June 15. If you would like a copy of the Draft Work Plan sent to you, please call or e-mail the Restoration Office:

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

Public comments will be accepted on the Draft Work Plan through July 19. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Council. Council action on all but deferred projects is scheduled for August 3, 2000. Council action on deferred projects is expected in December 2000.

Thank you for your continuing interest in the *Exxon Valdez* restoration program. If you have any questions about this preliminary recommendation or the project review process, please call me or Claudia Slater, the ADF&G liaison to the Trustee Council.

Sincerely,



Molly McCammon
Executive Director

Enclosure

cc: Claudia Slater, ADF&G Liaison

mm/pdb

SPREAI EET B: EXECUTIVE DIRECTOR'S PRELIMINARY RECOMMENDATION / FY 01 DRAFT WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY01 Request	FY01 Recom.	FY02 Recom.	Total FY01-02
01064-CLO	Monitoring, Habitat Use, and Trophic Interactions of Harbor Seals in Prince William Sound	K. Frost, ADFG	ADFG	Cont'd 7th yr. 6 yr. project	\$25.1	\$24.6	\$0.0	\$24.6
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Executive Director's Preliminary Recommendation</u>				
This project will fund an additional year of data analysis and manuscript preparation for this multi-year study of harbor seals in Prince William Sound. FY 00 was to be the closeout year for this project. However, at the end of FY 00 some data will remain unanalyzed and unpublished. FY 01 funding will cover analysis and final write-up of (a) August 2000 harbor seal aerial surveys, (b) a comparison of 2000 counts with previous years (i.e., an updated analysis of population trend), (c) 1999 seal pup tagging data, and (d) integration of 1999 pup tagging data with other years and a synoptic analysis of movements and diving behavior of harbor seal pups in Prince William Sound.		This is a request for an additional closeout year for this project. The principle investigator has commitments to produce four manuscripts with FY 00 funding. Defer pending delivery of these manuscripts.		Defer decision on funding this project pending submittal of the four manuscripts funded in FY 00. If funded, funding will be contingent on a slight budget reduction. Closeout funds were provided in FY 00 for this project. The additional closeout monies requested for FY 01 would fund publication of four additional manuscripts, including data that will be unanalyzed at the end of FY 00 (August 2000 aerial surveys and satellite tags attached in June 1999 and still transmitting). In general, this project is helping to explain the decline in harbor seals in Prince William Sound and document recent trends. The project has found that the decline in harbor seal populations has slowed in recent years and the Prince William Sound harbor seal population may be stabilizing.				

ITEMS CONSIDERED IN REVIEW OF FY 01 BUDGETS

1. Level of funding authorized in FY 00 and projection, at that time, of FY 01 budget. Items budgeted for FY 00 but not implemented should not be funded again in FY 01 unless the proposer can verify that he/she will lapse the "unused" FY 00 funds.
2. Direction given by Trustee Council and/or Chief Scientist in FY 00 Final Work Plan or in subsequent review sessions (e.g., transition to agency funding, close out certain components).
3. Change in project's scope per the Chief Scientist's recommendation (i.e., elimination, revision, or addition of objectives). If a pilot project is seeking expansion, note whether there is adequate information to evaluate the pilot's success. Decisions on some projects will need to be deferred pending fall review or completion of work underway in FY 00.
4. Personal Services: Note if number of months has increased significantly over FY 00 or if number of months appears excessive, e.g. 12 mos. for a closeout and no justification provided. Also note if salary appears excessive relative to scope of work and salaries typically paid agency or university employees for the type of work.
5. Project Management: No funds should be budgeted in the individual project budgets. Project management costs will be addressed in Project 01250.
6. Travel: Note if travel has increased significantly over FY 00 and no justification is provided.
7. Annual Workshop: For PI and co-PI only, travel and per diem for up to 3 days -- and only if PI/co-PI not located in Anchorage.
8. Other EVOS Reviews/Workshops: No technical review sessions are scheduled for FY 01.
9. Professional Conferences: One each per PI (and co-PI if appropriate) if the PI will be presenting results of his or her EVOS work or attendance at the workshop is integral to the project -- and only if the DPD identifies the conference and the reason for attending.
10. Manuscript Preparation: Maximum \$1,000 in page costs per project and maximum 1.5 months personnel time per publication -- and only if the DPD indicates that a manuscript will be published (i.e., appear in print) in FY 01 (DPD must also include subject/title of manuscript, name of peer reviewed journal to

which will be submitted, and when it will be submitted). Note number of manuscripts for which funding support is requested.

11. Report Writing: No funding on new projects unless the DPD indicates the report will be completed in FY 01 (or rolled into a non-severable contract in FY 01).
12. Equipment: Note purchases of major new equipment.
13. Indirect Costs: Office supplies, copying, phones, equipment maintenance and repair, vehicle leasing, software, and training are typically indirect costs. Such costs should be budgeted for separately only if they are incurred because of a specific project and documentation of the expense is maintained. The documentation must demonstrate to a financial auditor that the expense was directly attributable to the project, and was necessary and reasonable. Maintenance and operation of space (i.e., lease costs) are always an indirect cost.

By agreement, University of Alaska indirect rate is 25% of all direct costs except subcontract costs in excess of \$25,000 (see p. 61 of *FY 01 Invitation* for more detail).

14. Community Involvement and TEK: Note funds budgeted.
15. Future Years: Note significant changes (from what was projected in the FY 00 Final Work Plan) in FY 2002. No funding decisions for FY 03 and beyond are being made at this time.
- ①6. Other: Note additional, project-specific budget issues that may need to be addressed.

Need for print/graphics costs and computer supplies not justified.

Exxon Valdez Oil Spill Trustee Council

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



June 13, 2000

Jon Barlow
Power Alternative
PO Box 240565
Anchorage, AK 99524

RE: Project 01498 / Reinstating Restoration of Oil as Petrochemical

Dear Mr. Barlow:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council not fund Project 01498/Reinstating Restoration of Oil as Petrochemical. I have enclosed a copy of my preliminary recommendation on this project, along with the Chief Scientist's recommendation on the project's technical merits.

The Trustee Council received 113 proposals totaling more than \$13 million. The Council's funding cap for the FY 01 Work Plan is \$6 million, and it will not be possible to fund all projects proposed.

My preliminary recommendations on all proposals for funding in FY 01 have been incorporated into the Draft Work Plan, which will be available for public review on the Trustee Council's web page (www.oilspill.state.ak.us) June 15. If you would like a copy of the Draft Work Plan sent to you, please call or e-mail the Restoration Office:

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

Public comments will be accepted on the Draft Work Plan through July 19. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Council. Council action on the Work Plan is scheduled for August 3, 2000.

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Alaska Department of Law

Thank you for your interest in the *Exxon Valdez* restoration program. If you have any questions about this preliminary recommendation, please call me or Marianne See, the Alaska Department of Environmental Conservation liaison to the Trustee Council.

Sincerely,

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

Molly McCammon
Executive Director

Enclosure

cc: Marianne See, ADEC Liaison

mm/pdb

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY01 Request	FY01 Recom.	FY02 Recom.	Total FY01-02
01498	Reinstating/Restoration of Oil as Petrochemical	J. Barlow/Power Alternative	ADEC	New 1st yr. 1 yr. project	\$85.6	\$0.0	\$0.0	\$0.0
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Executive Director's Preliminary Recommendation</u>				
This project will contribute to development of effective alternative energy systems applicable for power and/or propulsion in an effort to mitigate or terminate dependence on oil as fuel.		This is a research and development proposal to cogenerate electricity from waste heat using a heat pump based upon the Ocean Thermal Energy Conversion technology tested in the late 1970's. While development of alternative energy sources to reduce the effects of fossil fuel use is a laudatory goal, its link to the restoration, replacement, or enhancement of resources injured by the spill is weak. Do not fund.		Do not fund. This project, which would support development of an electric cogeneration system as an alternative to fossil fuel, has a weak link to the Trustee Council's restoration objectives.				

Exxon Valdez Oil Spill Trustee Council

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



June 13, 2000

Econo Painting
Robert Dilley
2815 E 20th Ave
Anchorage, AK 99508

RE: Project 01549 / Alaska Whaling Wall

Dear Mr. Dilley:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council not fund Project 01549/Alaska Whaling Wall. I have enclosed a copy of my preliminary recommendation on this project, along with the Chief Scientist's recommendation on the project's technical merits.

The Trustee Council received 113 proposals totaling more than \$13 million. The Council's funding cap for the FY 01 Work Plan is \$6 million, and it will not be possible to fund all projects proposed.

My preliminary recommendations on all proposals for funding in FY 01 have been incorporated into the Draft Work Plan, which will be available for public review on the Trustee Council's web page (www.oilspill.state.ak.us) June 15. If you would like a copy of the Draft Work Plan sent to you, please call or e-mail the Restoration Office:

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

Public comments will be accepted on the Draft Work Plan through July 19. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Council. Council action on the Work Plan is scheduled for August 3, 2000.

Thank you for your interest in the *Exxon Valdez* restoration program. If you have any

questions about this preliminary recommendation, please call me or Claudia Slater, the ADF&G liaison to the Trustee Council.

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 distinguishable.

Molly McCammon
Executive Director

Enclosure

cc: Claudia Slater, ADF&G Liaison

mm/pdb

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY01 Request	FY01 Recom.	FY02 Recom.	Total FY01-02
01549	Alaska Whaling Wall	Econo Painting, Anchorage	ADFG	New 1st yr. 1 yr. project	\$151.8	\$0.0	\$0.0	\$0.0
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Executive Director's Preliminary Recommendation</u>				
This project is designed to enhance public awareness of the plight of the A/B killer whale pod through a Wyland whale wall.		Proposal has too little information presented to assess its responsiveness to restoration objectives. The cost of implementing this project seems high. Do not fund.		Do not fund. This project, which would contribute to painting a Wyland whale mural, has a weak link to the Trustee Council's restoration objectives.				

Exxon Valdez Oil Spill Trustee Council

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



June 13, 2000

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

RE: Project 01551-BAA / Checklist and Distributional Analysis of Marine Algal
Species Collected as Vouchers Under Project CH1A

Dear Ms. Hansen:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council defer a decision on funding Project 01551-BAA/Checklist and Distributional Analysis of Marine Algal Species Collected as Vouchers Under Project CH1A pending further consideration of the amount of funds available for the Work Plan in FY 01. I have enclosed a copy of my preliminary recommendation on this project, along with a summary of the Chief Scientist's recommendation on the project's technical merits. This recommendation is made for public review and may be revised before it is provided to the Trustee Council in early August.

If funded, funding will be contingent on submittal and approval of a reduced budget. In particular, the Trustee Council has negotiated an indirect cost rate with the University of Alaska of 25 percent of total direct costs and seeks to limit other Universities to this rate. The recommended funding level of \$61,500 reflects a reduction in the Oregon State University indirect rate to 25 percent. Please submit a revised budget in this amount to the Restoration Office, Attn: Sandra Schubert, by **July 7, 2000**. The budget should be prepared on the standard detailed budget forms.

My preliminary recommendations on all proposals for funding in FY 01 have been incorporated into the Draft Work Plan, which will be available for public review on the

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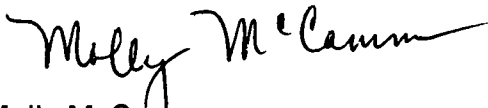
Trustee Council's web page (www.oilspill.state.ak.us) June 15. If you would like a copy of the Draft Work Plan sent to you, please call or e-mail the Restoration Office:

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

Public comments will be accepted on the Draft Work Plan through July 19. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Council. Council action on all but deferred projects is scheduled for August 3, 2000. Council action on deferred projects is expected in December 2000.

Thank you for your continuing interest in the *Exxon Valdez* restoration program. If you have any questions about this preliminary recommendation or the project review process, please call me or Bruce Wright, the NOAA liaison to the Trustee Council.

Sincerely,



Molly McCammon
Executive Director

Enclosure

cc: Bruce Wright, NOAA Liaison
Sharon Kent, NOAA Contracting

mm/pdb

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY01 Request	FY01 Recom.	FY02 Recom.	Total FY01-02
01551-BAA	Checklist and Distributional Analysis of Marine Algal Species Collected as Vouchers Under Project CH1A	G. Hansen/OSU	NOAA	New 1st yr. 1 yr. project	\$70.3	\$61.5	\$0.0	\$61.5
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Executive Director's Preliminary Recommendation</u>				
During previous EVOS studies (Project CH1A), intense investigations were carried out on the intertidal algal communities of Prince William Sound, Kenai, Kodiak, and the Alaska Peninsula. As a byproduct of these studies, thorough voucher collections were made of the algal species present in more than 100 transect areas used for the study. The 7,300 voucher specimens were identified to species, curated, and cataloged, but no money was available at the time for publishing the wealth of information on algal biodiversity and distribution they provided. This project will use these data to prepare regional checklists and biogeographic analyses of the species discovered and finally make available these critical habitat data for restoration and conservation efforts in Alaska.		There is strong justification for conducting this work and publishing the taxonomic key to Alaskan seaweeds derived from the Trustee Council's investment in Project CH1A. As time beyond the spill increases, the opportunity for doing this work will decrease. Negotiation on the proposer's overhead rate could reduce the cost. Defer pending availability of funding.		Defer decision on funding this project pending availability of funds. If funded, funding will be contingent on submittal and approval of a reduced budget. This project would prepare a manuscript on the occurrence and distribution of marine macroalgae in the spill area, based on data from Project CH1A. Nearly 7,300 voucher specimens collected under Project CH1A are currently held at the herbarium in Juneau, Alaska.				

Exxon Valdez Oil Spill Trustee Council

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



June 13, 2000

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

RE: Project 01558 / Harbor Seal Recovery: Application of New Technologies
for Monitoring Health


Dear Ms. Atkinson:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council defer a decision on funding Project 01558/Harbor Seal Recovery: Application of New Technologies for Monitoring Health pending receipt of a revised Detailed Project Description and budget that address the Chief Scientist's concerns. I have enclosed a summary of the Chief Scientist's recommendation on this project's technical merits, along with my preliminary recommendation on the project. My recommendation is made for public review and may be revised before it is provided to the Trustee Council in early August. Please note that your revised proposal should address FY 01 and FY 02 only, as funding for FY 03 is not being considered at this time.

The recommended funding for Project 01558 is \$120,000 in FY 01, including agency general administration. You should work from this number in developing your revised budget. The revised budget should be prepared on the standard detailed budget forms and submitted, along with your revised Detailed Project Description, to the Restoration Office, Attn: Sandra Schubert, by **July 7, 2000**. (Please submit three paper copies and an electronic copy of the DPD and budget.) Please note that Alaska SeaLife Center bench fees have not yet been negotiated for EVOS projects and will be added later.

My preliminary recommendations on all proposals for funding in FY 01 have been incorporated into the Draft Work Plan, which will be available for public review on the

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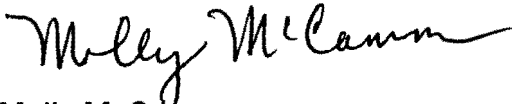
Trustee Council's web page (www.oilspill.state.ak.us) June 15. If you would like a copy of the Draft Work Plan sent to you, please call or e-mail the Restoration Office:

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

Public comments will be accepted on the Draft Work Plan through July 19. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Council. Council action on all but deferred projects is scheduled for August 3, 2000. Council action on deferred projects is expected in December 2000.

Thank you for your continuing interest in the *Exxon Valdez* restoration program. If you have any questions about this preliminary recommendation or the project review process, please call me or Claudia Slater, the ADF&G liaison to the Trustee Council

Sincerely,



Molly McCammon
Executive Director

Enclosure

cc: Claudia Slater, ADF&G Liaison

mm/pdb

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY01 Request	FY01 Recom.	FY02 Recom.	Total FY01-02
01558	Harbor Seal Recovery: Application of New Technologies for Monitoring Health	S. Atkinson/UAF	ADFG	New 1st yr. 3 yr. project	\$172.1	\$120.0		\$120.0
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Executive Director's Preliminary Recommendation</u>				
This project will investigate the potential for new technologies to assess and monitor the endocrine and immune systems as diagnostic measures of the health of harbor seals. Analysis of thyroxine (T ₄), triiodothyronine (T ₃), and cortisol (primary metabolic and gluconeogenic hormones), and measurement of immunoglobulins (IgG, IgM, and IgA) and the body burden of organochlorine contaminants will provide an assessment of both permanently captive seals as well as seals that are brought into the Alaska SeaLife Center for rehabilitation. The work will also employ community involvement through the Alaska Native Harbor Seal Commission. 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.		The proposed technologies have been applied to marine mammals previously, although not in the spill area. Some of the endocrinological measurements need good reference or control animals, and it is not clear this is available, especially if the reference are animals being held at the Alaska SeaLife Center. There is a question whether enough stranded harbor seal pups will be available for sampling, and whether comparing data from pups to the captive adults at the Alaska SeaLife Center is valid for the purposes of the proposal. Defer pending receipt and evaluation of a revised proposal at a substantially reduced level of funding that responds to these concerns.		Defer decision on funding this project pending receipt of a revised Detailed Project Description and budget that address the Chief Scientist's concerns (reference animals, stranded pups, comparing pups to adults). Funding for FY 03 is not being considered at this time. This project would employ new technologies at the Alaska SeaLife Center to assess and monitor the health of harbor seals. [NOTE: The recommend cost is a target only. If funded, Alaska SeaLife Center bench fees will need to be added to this project.]				

Exxon Valdez Oil Spill Trustee Council

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



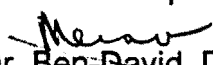
June 13, 2000

Merav Ben-David, PhD
UAF/Institute of Arctic Biology
PO Box 757000
Fairbanks, AK 99775-7000

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 01586 / Climate Change and Forage Fish Abundance: Development of Stable Isotope Methods for Long-Term Monitoring


Dear Dr. Ben-David, Dr. Finney and Dr. Mann:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council defer a decision on funding Project 01586/Climate Change and Forage Fish Abundance: Development of Stable Isotope Methods for Long-Term Monitoring pending further consideration of the amount of funds available for the Work Plan in FY 01. I have enclosed a copy of my preliminary recommendation on this project, along with a summary of the Chief Scientist's recommendation on the project's technical merits. This recommendation is made for public review and may be revised before it is provided to the Trustee Council in early August.

If funded, funding will be contingent on (a) submittal and approval of a revised Detailed Project Description and budget that reduce the project's scope as recommended by the Chief Scientist and (b) submittal of the three manuscripts funded under Project 00348. A rough estimate of the cost of the work recommended for funding in FY 01 is \$100,000, including agency general administration. Please submit a revised budget for roughly this amount, along with a revised Detailed Project Description, to the

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Alaska Department of Environmental Conservation
Alaska Department of Law

Restoration Office, Attn: Sandra Schubert, by **July 7, 2000**. (Please submit three paper copies and an electronic copy of the DPD and budget.)

My preliminary recommendations on all proposals for funding in FY 01 have been incorporated into the Draft Work Plan, which will be available for public review on the Trustee Council's web page (www.oilspill.state.ak.us) June 15. If you would like a copy of the Draft Work Plan sent to you, please call or e-mail the Restoration Office:

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

Public comments will be accepted on the Draft Work Plan through July 19. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Council. Council action on all but deferred projects is scheduled for August 3, 2000. Council action on deferred projects is expected in December 2000.

Thank you for your continuing interest in the *Exxon Valdez* restoration program. If you have any questions about this preliminary recommendation or the project review process, please call me or Claudia Slater, the ADF&G liaison to the Trustee Council.

Sincerely,



Molly McCammon
Executive Director

Enclosure

cc: Claudia Slater, ADF&G Liaison

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SPREADSHEET B: EXECUTIVE DIRECTOR'S PRELIMINARY RECOMMENDATION / FY 01 DRAFT WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY01 Request	FY01 Recom.	FY02 Recom.	Total FY01-02
01586	Climate Change and Forage Fish Abundance: Development of Stable Isotope Methods for Long-Term Monitoring	M. Ben-David, B. Finney, D. Mann/UAF	ADFG	New 1st yr. 2 yr. project	\$122.4	\$100.0		\$100.0

Project Abstract

This project will use two methods to reconstruct forage-fish abundances over the time scales of centuries to millennia of interest in examining animal-climate relationships. Both methods are also applicable to contemporary population monitoring. The first method utilizes nitrogen stable isotopes as a record of marine organic matter input. The second method uses fish scales recovered from ocean sediment accumulated in anoxic basins as a direct record of fish abundances. Available data on forage fish abundance and reproductive success of seabirds from Prince William Sound and vicinity collected since 1989 will be used to calibrate the results of both the ^{15}N and the fish scale analyses. These data will be used to develop a model for the relation between sedimentary d^{13}C and d^{15}N data, climate, and changes in abundance of fishes and birds.

Chief Scientist's Recommendation

Trustee Council support is recommended for this project in that it holds much promise for establishing a longer-term perspective of biotic change against which to measure natural change for retrospective analyses of the findings of restoration projects. It also could contribute to building the early stages of GEM (Gulf Ecosystem Monitoring, the Trustee Council's long-term monitoring program) implementation. Recommend funding without the rookery pond component. Only the testing of proof of concept for marine fish scales should be undertaken in FY 01. Defer pending availability of funds.

Executive Director's Preliminary Recommendation

Defer decision on funding this project pending availability of funds. If funded, funding will be contingent on submittal and approval of a revised Detailed Project Description and budget that reduce the project's scope to the testing of proof of concept for marine fish scales only. This project is designed to examine animal-climate relationships by using fish scales to reconstruct forage-fish abundances over time. [NOTE: The recommended cost is a target only.]

Exxon Valdez Oil Spill Trustee Council

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June 13, 2000

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

RE: Project 01599-CLO / Evaluation of Yakataga Oil Seeps as Regional Background Hydrocarbon Sources in Benthic Sediments of the Spill Area

Dear Mr. Short:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council fund Project 01599/Evaluation of Yakataga Oil Seeps as Regional Background Hydrocarbon Sources in Benthic Sediments of the Spill Area contingent on resolution of budget questions and submittal of the Project 99195 report. I have enclosed a copy of my preliminary recommendation on this project, along with the Chief Scientist's recommendation on the project's technical merits. This recommendation is made for public review and may be revised before it is provided to the Trustee Council in early August.

Regarding the budget, please verify your monthly salary (it differs from that in Project 01290) and conference travel (it appears to duplicate that budgeted in Project 01290) requests. Please submit your reply to the Restoration Office, Attn: Sandra Schubert, by **July 7, 2000**.

My preliminary recommendations on all proposals for funding in FY 01 have been incorporated into the Draft Work Plan, which will be available for public review on the Trustee Council's web page (www.oilspill.state.ak.us) June 15. If you would like a copy of the Draft Work Plan sent to you, please call or e-mail the Restoration Office:

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

Public comments will be accepted on the Draft Work Plan through July 19. Following a

review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Council. Council action on the Work Plan is scheduled for August 3, 2000.

Thank you for your continuing interest in the *Exxon Valdez* restoration program. If you have questions about this preliminary recommendation, please call me or Bruce Wright, the NOAA liaison to the Trustee Council.

Sincerely,

Molly McCammon
Executive Director

Enclosure

cc: Bruce Wright, NOAA Liaison

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SPREADSHEET B: EXECUTIVE DIRECTOR'S PRELIMINARY RECOMMENDATION / FY 01 DRAFT WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY01 Request	FY01 Recom.	FY02 Recom.	Total FY01-02
01599-CLO	Evaluation of Yakataga Oil Seeps as Regional Background Hydrocarbon Sources in Benthic Sediments of the Spill Area	J. Short/NOAA	NOAA	Cont'd 2nd yr. 2 yr. project	\$10.5	\$10.5	\$0.0	\$10.5
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Executive Director's Preliminary Recommendation</u>				
This project will evaluate fluxes of crude oil from terrestrial oil seeps and of particulate coal near Yakataga into the northern Gulf of Alaska to delineate the extent of "natural oil pollution" in the area affected by the oil spill. In FY 01, a final report and manuscript will be prepared.		This project is the closeout of a two year project to more clearly define the sources of background hydrocarbon contamination in the northern Gulf of Alaska, particularly Prince William Sound. The approach, using a combination of physical separations of coal and heavier sediment-associated petroleum hydrocarbons, should yield relatively unequivocal results in parsing the two sources in stream waters from the Yakataga area. The additional analyses to include specific chemical biomarkers should also yield relatively definite information on sources. This is a logical closeout to the project. Fund.		Fund closeout (final report and manuscript) of this project contingent on (a) resolution of budget questions and (b) submittal of Project 99195 report (due June 1, 2000). The project, which is studying whether fauna showing induction of cytochrome-P450 in the spill area are responding to natural oil pollution rather than to residual <i>Exxon Valdez</i> oil, is designed to improve existing interpretations of hydrocarbon sources.				

Exxon Valdez Oil Spill Trustee Council

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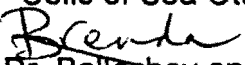


June 13, 2000

Brenda Ballachey, PhD
Varbay Place NW
Calgary, Alberta T3A 0C8
CANADA

Paul W. Snyder, PhD
Purdue University School of Vet Med
1243 Veterinary Pathology Bldg
West Lafayette, IN 47907-1243

RE: Project 01534 / Comparison of Cytochrome P4501A Induction in Blood and Liver Cells of Sea Otters


Dear Dr. Ballachey and Dr. Snyder:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council fund Project 01534/Comparison of Cytochrome P4501A Induction in Blood and Liver Cells of Sea Otters contingent on (a) verification of personnel costs and (b) submittal of the manuscript promised under Project 00163. I have enclosed a copy of my preliminary recommendation on this project, along with the Chief Scientist's recommendation on the project's technical merits. This recommendation is made for public review and may be revised before it is provided to the Trustee Council in early August.

Regarding the personnel costs, no range or step increases are indicated but monthly costs are significantly higher than in FY 00. Please provide a correction or explanation by **July 7, 2000** (an e-mail response will be fine). In addition, please note that no Trustee Council funding is expected for this project in FY 02, which means the project report should be submitted no later than September 30, 2001 or completed with non-EVOS funds.

My preliminary recommendations on all proposals for funding in FY 01 have been incorporated into the Draft Work Plan, which will be available for public review on the

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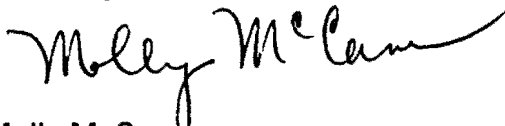
Trustee Council's web page (www.oilspill.state.ak.us) June 15. If you would like a copy of the Draft Work Plan sent to you, please call or e-mail the Restoration Office:

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

Public comments will be accepted on the Draft Work Plan through July 19. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Council. Council action on the Work Plan is scheduled for August 3, 2000.

Thank you for your continuing interest in the *Exxon Valdez* restoration program. If you have questions about this preliminary recommendation, please call me or Dede Bohn, the DOI-USGS liaison to the Trustee Council.

Sincerely,



Molly McCammon
Executive Director

Enclosure

cc: Dede Bohn, DOI-USGS Liaison

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Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY01 Request	FY01 Recom.	FY02 Recom.	Total FY01-02
01534	Comparison of Cytochrome P4501A Induction in Blood and Liver Cells of Sea Otters	B. Ballachey, P. Snyder/USGS	DOI	New 1st yr. 1 yr. project	\$19.9	\$19.9	\$0.0	\$19.9
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Executive Director's Preliminary Recommendation</u>				
This project will sample liver from the sea otters captured under Project /423 for assays of CYP1A and for examination of histopathological changes. Liver CYP1A levels will be compared to those measured in blood from the same individuals. The project will also assay for CYP1A in archived frozen liver samples from sea otters that were oiled and died in 1989, to enable comparison of current levels of CYP1A induction with levels in sea otters that had a known high degree of oil exposure. The results of this project will provide a basis for comparison of cytochrome P4501A induction in sea otters in 1989, in 1996-98, and in 2001, and will help determine if there is a decline in CYP1A levels over time.		This project has the potential of providing a long-term picture of oil exposure in Prince William Sound sea otters from just after the spill up through 2001. If obtained, this could be an important major contribution to our understanding of the spill 's impacts. Fund.		Fund contingent on verification of personnel costs. This project will relate present levels of CYP1A induction in sea otters with levels immediately following the oil spill in order to provide a long-term picture of oil exposure in sea otters since the spill.				

Exxon Valdez Oil Spill Trustee Council

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June 13, 2000

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

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

RE: Project 01327 / Pigeon Guillemot Restoration Research at the Alaska SeaLife Center

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

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council fund Project 01327/Pigeon Guillemot Restoration Research at the Alaska SeaLife Center contingent on submittal and approval of a corrected budget. I have enclosed a copy of my preliminary recommendation on this project, along with the Chief Scientist's recommendation on the project's technical merits. This recommendation is made for public review and may be revised before it is provided to the Council in early August. Please note that FY 01 is expected to be the final year of Council funding for this project.

Shortly after your proposal was submitted, my office was informed that an error had been made and that the project's actual cost would be somewhat less (perhaps \$6,000 to \$7,000 less) than had been requested. My funding recommendation of \$87,000 reflects this reduction. Please submit a revised budget (three paper copies and an electronic copy) to the Restoration Office, Attn: Sandra Schubert, by **July 7, 2000**. Alaska SeaLife Center bench fees, if needed, will be added at a later date. It was unclear from your Detailed Project Description whether any FY 01 work would be conducted at the SeaLife Center -- clarification from you on this point is also needed by July 7.

My preliminary recommendations on all proposals for funding in FY 01 have been incorporated into the Draft Work Plan, which will be available for public review on the

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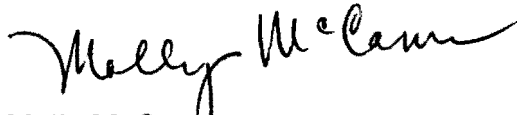
Trustee Council's web page (www.oilspill.state.ak.us) June 15. If you would like a copy of the Draft Work Plan sent to you, please call or e-mail the Restoration Office:

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

Public comments will be accepted on the Draft Work Plan through July 19. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Council. Council action on the Work Plan is scheduled for August 3, 2000.

Thank you for your continuing interest in the *Exxon Valdez* restoration program. If you have questions about this preliminary recommendation, please call me or Dede Bohn, the DOI-USGS liaison to the Trustee Council.

Sincerely,



Molly McCammon
Executive Director

Enclosure

cc: Dede Bohn, DOI-USGS Liaison

mvm/pdb

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY01 Request	FY01 Recom.	FY02 Recom.	Total FY01-02
01327-CLO	Pigeon Guillemot Restoration Research at the Alaska SeaLife Center	D. Roby/OSU, G. Divoky/UAF	DOI	Cont'd 4th yr. 4 yr. project	\$93.3	\$87.0	\$0.0	\$87.0

Project Abstract

This project tests the feasibility of restoration techniques for pigeon guillemots (e.g., installation of artificial nest sites, use of social attractants, captive propagation and release). It also includes controlled experiments crucial to two other restoration objectives: (a) development of nondestructive biomarkers of petroleum hydrocarbon contamination in seabirds and (b) understanding how dietary factors (prey species composition, prey size, lipid content, feeding frequency) constrain growth, development, and condition at fledging in guillemots and other fish-eating seabirds.

Chief Scientist's Recommendation

This project has a solid history of accomplishment. The continuation of the project through FY 01 is necessary to complete the interpretation of data and production of reports. It will further understanding of the importance of diet quality and contamination to seabird productivity and population dynamics, which will be valuable to many of the broad objectives of the seabird/forage fish cluster. The information will help interpret information obtained over the long-term by GEM (Gulf Ecosystem Monitoring, the Trustee Council's long-term monitoring program). It will also help in understanding the utility of artificial means of increasing natural populations and of ways to establish colonies of seabirds that can be efficiently and effectively studied. Fund.

Executive Director's Preliminary Recommendation

Fund closeout of this project contingent on submittal and approval of a corrected budget. This project is testing a restoration method for pigeon guillemots and developing information on the effects of diet and oil on the blood chemistry and growth of nestling guillemots. [NOTE: Alaska SeaLife Center bench fees may need to be added to this project; further consultation with the principal investigators is necessary.]

Exxon Valdez Oil Spill Trustee Council

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June 13, 2000

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

RE: Project 01190 / Construction of a Linkage Map for the Pink Salmon Genome

Dear Dr. ~~Allendorf~~ ^{Fred}:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council fund Project 01190/Construction of a Linkage Map for the Pink Salmon Genome contingent on receipt of a letter that (a) satisfactorily addresses the Chief Scientist's concerns and (b) answers budget questions, with an eye to reducing project costs if possible (see enclosure). I have also enclosed a copy of my preliminary recommendation on this project, along with the Chief Scientist's recommendation on the project's technical merits. This recommendation is made for public review and may be revised before it is provided to the Trustee Council in early August.

Please submit a letter addressing these concerns, and a reduced budget if possible, to the Restoration Office, Attn: Sandra Schubert, by **July 7, 2000**.

My preliminary recommendations on all proposals for funding in FY 01 have been incorporated into the Draft Work Plan, which will be available for public review on the Trustee Council's web page (www.oilspill.state.ak.us) June 15. If you would like a copy of the Draft Work Plan sent to you, please call or e-mail the Restoration Office:

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

Public comments will be accepted on the Draft Work Plan through July 19. Following a review of the public comments, as well as comments from the Trustee Council's Public

Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Council. Council action on the Work Plan is scheduled for August 3, 2000.

Thank you for your continuing interest in the *Exxon Valdez* restoration program. If you have questions about this preliminary recommendation, please call me or Claudia Slater, the ADF&G liaison to the Trustee Council.

Sincerely,

A handwritten signature in black ink, appearing to read "Molly McCammon", with a long horizontal flourish extending to the right.

Molly McCammon
Executive Director

Enclosure

cc: Claudia Slater, ADF&G Liaison

mm/pdb

SPREADSHEET B: EXECUTIVE DIRECTOR'S PRELIMINARY RECOMMENDATION / FY 01 DRAFT WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY01 Request	FY01 Recom.	FY02 Recom.	Total FY01-02
01190	Construction of a Linkage Map for the Pink Salmon Genome	F. Allendorf/Univ. Montana	ADFG	Cont'd 6th yr. 7 yr. project	\$240.0	\$240.0	\$240.0	\$480.0

Project Abstract

This project will continue experiments at the Alaska SeaLife Center that apply a genetic linkage map, which was constructed during the first four years of the project, to test for effects of regions of the genome on traits that are important to recovery of pink salmon (e.g., growth and survival). The map also will be used to evaluate the potential impact of hatchery-raised fish on the fitness of wild stocks. Sexually mature adults from the 1998 and 1999 cohorts produced from wild pink salmon collected from Likes Creek are expected to return to the Alaska SeaLife Center in August 2000 and 2001. Genotypes in released fry and returning adults will be compared to test for genetic differences in marine survival and other life history traits (e.g., body size, egg number, and egg size).

Chief Scientist's Recommendation

Improved management of injured resources, such as pink salmon, is an integral part of the restoration program. The objectives are relevant not only to restoration, but vitally important to fisheries management. Greater emphasis should be placed on Objective 5, especially to identify how the results of this study can be used for salmonid conservation and harvest management. It is important to develop a dialogue between the principal investigator and the Sound Science Review Team. The project will need to find alternative sources of funding beyond FY 02, as the Trustee Council objectives will be met in FY 02 and additional funding is not likely to be available beyond that time. Fund contingent on receipt of a letter from the proposer indicating his willingness to establish a dialogue with the Sound Science Review Team and to shift the project's focus to Objective 5.

Executive Director's Preliminary Recommendation

Fund contingent on (a) receipt of a letter from the proposer that satisfactorily addresses the Chief Scientist's concerns (greater emphasis on Objective 5 and dialogue with Sound Science Review Team) and (b) resolution of budget questions. FY 02 is expected to be the final year of Trustee Council contribution to this project (preparation of final report). 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, that we cannot now answer 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? [NOTE: Alaska SeaLife Center bench fees will need to be added to this project.]

ITEMS CONSIDERED IN REVIEW OF FY 01 BUDGETS

1. Level of funding authorized in FY 00 and projection, at that time, of FY 01 budget. Items budgeted for FY 00 but not implemented should not be funded again in FY 01 unless the proposer can verify that he/she will lapse the "unused" FY 00 funds.
2. Direction given by Trustee Council and/or Chief Scientist in FY 00 Final Work Plan or in subsequent review sessions (e.g., transition to agency funding, close out certain components).
3. Change in project's scope per the Chief Scientist's recommendation (i.e., elimination, revision, or addition of objectives). If a pilot project is seeking expansion, note whether there is adequate information to evaluate the pilot's success. Decisions on some projects will need to be deferred pending fall review or completion of work underway in FY 00.
4. Personal Services: Note if number of months has increased significantly over FY 00 or if number of months appears excessive, e.g. 12 mos. for a closeout and no justification provided. Also note if salary appears excessive relative to scope of work and salaries typically paid agency or university employees for the type of work. *2 mo. included for manuscript preparation & annual report. DPD unclear about what manuscript will be prepared in FY 01.*
5. Project Management: No funds should be budgeted in the individual project budgets. Project management costs will be addressed in Project 01250.
6. Travel: Note if travel has increased significantly over FY 00 and no justification is provided.
7. Annual Workshop: For PI and co-PI only, travel and per diem for up to 3 days -- and only if PI/co-PI not located in Anchorage.
8. Other EVOS Reviews/Workshops: No technical review sessions are scheduled for FY 01. *No funds should be budgeted for technical review sessions.*
9. Professional Conferences: One each per PI (and co-PI if appropriate) if the PI will be presenting results of his or her EVOS work or attendance at the workshop is integral to the project -- and only if the DPD identifies the conference and the reason for attending.
10. Manuscript Preparation: Maximum \$1,000 in page costs per project and maximum 1.5 months personnel time per publication -- and only if the DPD indicates that a manuscript will be published (i.e., appear in print) in FY 01 (DPD must also include subject/title of manuscript, name of peer reviewed journal to

which will be submitted, and when it will be submitted). Note number of manuscripts for which funding support is requested.

11. Report Writing: No funding on new projects unless the DPD indicates the report will be completed in FY 01 (or rolled into a non-severable contract in FY 01).
12. Equipment: Note purchases of major new equipment.
13. Indirect Costs: Office supplies, copying, phones, equipment maintenance and repair, vehicle leasing, software, and training are typically indirect costs. Such costs should be budgeted for separately only if they are incurred because of a specific project and documentation of the expense is maintained. The documentation must demonstrate to a financial auditor that the expense was directly attributable to the project, and was necessary and reasonable. Maintenance and operation of space (i.e., lease costs) are always an indirect cost.

By agreement, University of Alaska indirect rate is 25% of all direct costs except subcontract costs in excess of \$25,000 (see p. 61 of *FY 01 Invitation* for more detail).

14. Community Involvement and TEK: Note funds budgeted.
15. Future Years: Note significant changes (from what was projected in the FY 00 Final Work Plan) in FY 2002. No funding decisions for FY 03 and beyond are being made at this time.
- ①6 Other: Note additional, project-specific budget issues that may need to be addressed.

Need to justify commodities costs:

\$5,500 equipment repair

\$21,600 materials & supplies

\$7,700 scanner service contract

\$ 700 communications

Exxon Valdez Oil Spill Trustee Council

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



June 13, 2000

Patty Brown-Schwalenberg, Ex Dir
Chugach Regional Resources Com
4201 Tudor Centre Dr, Suite 211
Anchorage, AK 99508

RE: Project 01610 / Kodiak Archipelago Youth Area Watch

Dear Ms. Brown-Schwalenberg:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council fund Project 01610/Kodiak Archipelago Youth Area Watch contingent on submittal and approval of a revised Detailed Project Description and budget that (a) clarify the number of students participating in the project, (b) describe the students' participation to date in the identified restoration projects, (c) provide for expanded quarterly project reports, and (d) reduce the cost to \$61,800. I have enclosed a copy of my preliminary recommendation on this project, along with the Chief Scientist's recommendation on the project's technical merits. This recommendation is made for public review and may be revised before it is provided to the Trustee Council in early August.

Please submit the revised budget and Detailed Project Description (three paper copies and an electronic copy) to the Restoration Office, Attn: Sandra Schubert, by **July 7, 2000**. The recommended funding amount of \$61,800 is consistent with the amount of Trustee Council funding provided in FY 00. Council funding is viewed as a contribution to the program and strong financial support from the school district is expected. Sponsorship of the project by the school district, as opposed to the Chugach Regional Resources Commission, would reduce overall project costs and should be considered.

My preliminary recommendations on all proposals for funding in FY 01 have been incorporated into the Draft Work Plan, which will be available for public review on the

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Trustee Council's web page (www.oilspill.state.ak.us) June 15. If you would like a copy of the Draft Work Plan sent to you, please call or e-mail the Restoration Office:

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

Public comments will be accepted on the Draft Work Plan through July 19. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Council. Council action on the Work Plan is scheduled for August 3, 2000.

Thank you for your continuing interest in the *Exxon Valdez* restoration program. If you have questions about this preliminary recommendation, please call me or Claudia Slater, the ADF&G liaison to the Trustee Council.

Sincerely,



Molly McCammon
Executive Director

Enclosure

cc: Claudia Slater, ADF&G Liaison

mm/pdb

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY01 Request	FY01 Recom.	FY02 Recom.	Total FY01-02
01610	Kodiak Archipelago Youth Area Watch	P. Brown-Schwalenberg/CRRC	ADFG	Cont'd 2nd yr. 3 yr. project	\$102.5	\$61.8	\$61.8	\$123.6
<u>Project Abstract</u> <p>This project is a collaboration between the Chugach Regional Resources Commission and the Kodiak Island Borough School District to conduct a Youth Area Watch Program. In FY 00, students from Akhiok, Larsen Bay, Old Harbor, Port Lions, Kodiak City, and Karluk participated. In FY 01, the project will expand to two additional communities, Chiniak and Port Lions. Other activities in FY 01 will include: site teacher training in collaboration with the Kodiak College; construction of a web site for students, teachers, administrators, and project scientists to collaborate, share, and coordinate projects, as well as post data; purchase of additional equipment for monitoring activities; and participation by students, teachers, and scientists in the annual science camp held at Afognak.</p>			<u>Chief Scientist's Recommendation</u> <p>This proposal is for the second year of a three-year project to establish a Youth Area Watch program in the Kodiak Archipelago, and in FY 01 it is proposed that the program expand to two additional communities. A web site will also be constructed. This appears to be a successful application of a popular concept in a new region. Proposal should be revised to show (a) cost-sharing from the Kodiak Island Borough School District to keep budget at originally proposed level (\$61,800), (b) provision of expanded quarterly project reports that include a description of student activities during each quarter, and (c) further justification for the increased equipment budget. Fund contingent on submission of revised proposal.</p>			<u>Executive Director's Preliminary Recommendation</u> <p>Fund contingent on submittal and approval of a revised Detailed Project Description and budget that (a) clarify the number of students participating in both FY 00 and FY 01 and from what locations, (b) describe the students' participation to date in the identified restoration projects, (c) provide for expanded quarterly project reports that include a description of student activities during each quarter, and (d) reduce the cost to the expected amount (\$61,800). As with the Prince William Sound Youth Area Watch (Project V210), on which this project is modeled, Trustee Council funding is to be a contribution to the program and strong financial support from the school district is expected. To reduce costs, the proposer (Chugach Regional Resources Commission) should consider a direct contract between the Kodiak Island Borough School District and the administering Trustee agency (Alaska Department of Fish and Game). This project is designed to involve local youth in restoration projects.</p>		

Exxon Valdez Oil Spill Trustee Council

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June 13, 2000

Dan Gillikin
USFS, Glacier Ranger District
PO Box 129
Girdwood, AK 99587

Gary Todd
Limnology Lab (ADFG)
43961 Kalifornsky Beach Rd #B
Soldotna, AK 99669

RE: Project 01256B / Sockeye Salmon Stocking at Solf Lake

Dear Mr. Gillikin and Mr. Todd:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council fund Project 01256B/Sockeye Salmon Stocking at Solf Lake contingent on (a) submittal and approval of a revised Detailed Project Description and budget that provide only for continued stocking and the monitoring of adult returns and (b) submittal of the Project 99256B report. I have enclosed a copy of my preliminary recommendation on this project, along with the Chief Scientist's recommendation on the project's technical merits. This recommendation is made for public review and may be revised before it is provided to the Trustee Council in early August.

Please submit a revised Detailed Project Description and budget (three paper copies and an electronic copy) to the Restoration Office, Attn: Sandra Schubert, by **July 7, 2000**. The budget should not exceed \$25,000, including agency general administration.

My preliminary recommendations on all proposals for funding in FY 01 have been incorporated into the Draft Work Plan, which will be available for public review on the

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Trustee Council's web page (www.oilspill.state.ak.us) June 15. If you would like a copy of the Draft Work Plan sent to you, please call or e-mail the Restoration Office:

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

Public comments will be accepted on the Draft Work Plan through July 19. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Council. Council action on the Work Plan is scheduled for August 3, 2000.

Thank you for your continuing interest in the *Exxon Valdez* restoration program. If you have questions about this preliminary recommendation, please call me or Ken Holbrook, the USFS liaison to the Trustee Council.

Sincerely,



Molly McCammon
Executive Director

Enclosure

cc: Ken Holbrook, USFS Liaison
Claudia Slater, ADFG Liaison

mm/pdb

SPREAD SHEET B: EXECUTIVE DIRECTOR'S PRELIMINARY RECOMMENDATION / FY 01 DRAFT WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY01 Request	FY01 Recom.	FY02 Recom.	Total FY01-02
01256B	Sockeye Salmon Stocking at Solf Lake	D. Gillikin/USFS, P. Shields/ADFG	USFS	Cont'd 6th yr. 7 yr. project	\$58.3	\$25.0	\$25.0	\$50.0
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Executive Director's Preliminary Recommendation</u>				
This project will benefit subsistence, recreation, and commercial 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 will be completed in the summer of 2000 ensuring returning adult salmon access to Solf Lake in the year 2001. [NOTE: This project, originally scheduled to closeout in FY 02, is now requesting funds in FY 03 (\$50,000) and FY 04 (\$2,500).]		An assessment of the suitability of Solf Lake for sockeye salmon was conducted with Trustee Council funds in FY 96, and the Council has funded the stocking of a conservatively low number of fish each year beginning in FY 98. At this point in the project, additional limnology monitoring is not essential. The Council has also funded construction of a fish way (completion expected FY 00), and assessing its effectiveness through the monitoring of adult returns is important (the first adult sockeye are expected to return in FY 01). Monitoring adult returns can also be used to evaluate the success of the stocking program, making monitoring of smolt out-migration and fry abundance a low priority. FY 02 is expected to be the final year of Council support for this project. Fund revised proposal at reduced level.		Fund contingent on (a) submittal and approval of a revised Detailed Project Description and budget that provide only for continued stocking and the monitoring of adult returns and (b) submittal of Project 99256B report (due April 15, 2000). In FY 02, Council support is expected for additional stocking, adult return monitoring, and preparation of the final report. 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. [NOTE: Recommended cost is a target only.]				

Exxon Valdez Oil Spill Trustee Council

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June 13, 2000

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

RE: Project 01273-CLO / Scoter Life History and Ecology: Linking Satellite Technology with Traditional Knowledge to Conserve the Resource

Dear Mr. ~~Rosenberg~~:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council fund Project 01273-CLO/Scoter Life History and Ecology: Linking Satellite Technology with Traditional Knowledge to Conserve the Resource contingent on (a) submittal and approval of a revised Detailed Project Description and budget that substantially reduce the project's cost and provide more information on the manuscript component (the manuscripts to be prepared and the cost of preparation) and (b) submittal of the Project 99273 report. I have enclosed a copy of my preliminary recommendation on this project, along with the Chief Scientist's recommendation on the project's technical merits. This recommendation is made for public review and may be revised before it is provided to the Trustee Council in early August.

The Restoration Office estimate of the overall budget for Project 01273 is \$50,000, including agency general administration. You should work from this number in developing your revised budget. The revised budget should be prepared on the standard detailed budget forms and submitted, along with the revised Detailed Project Description, to the Restoration Office, Attn: Sandra Schubert, by **July 7, 2000**. (Please submit three paper copies and an electronic copy of the DPD and budget.)

My preliminary recommendations on all proposals for funding in FY 01 have been incorporated into the Draft Work Plan, which will be available for public review on the

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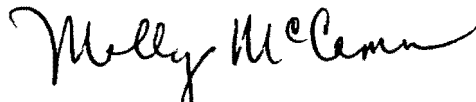
Trustee Council's web page (www.oilspill.state.ak.us) June 15. If you would like a copy of the Draft Work Plan sent to you, please call or e-mail the Restoration Office:

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

Public comments will be accepted on the Draft Work Plan through July 19. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Council. Council action on the Work Plan is scheduled for August 3, 2000.

Thank you for your continuing interest in the *Exxon Valdez* restoration program. If you have questions about this preliminary recommendation, please call me or Claudia Slater, the ADF&G liaison to the Trustee Council.

Sincerely,



Molly McCammon
Executive Director

Enclosure

cc: Claudia Slater, ADF&G Liaison

mm/pdb

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY01 Request	FY01 Recom.	FY02 Recom.	Total FY01-02
01273-CLO	Scoter Life History and Ecology: Linking Satellite Technology with Traditional Knowledge to Conserve the Resource.	D. Rosenberg/ADFG	ADFG	Cont'd 4th yr. 4 yr. project	\$77.7	\$50.0	\$0.0	\$50.0
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Executive Director's Preliminary Recommendation</u>				
This project will provide closeout funding for the scoter satellite telemetry and traditional ecological knowledge project. A final report and manuscripts will be prepared, reporting on the findings of this three-year effort.		Closeout funding was not originally anticipated for this project, and more justification for the budget seems appropriate, including separation of costs for manuscript preparation from other specified tasks. Peer-reviewed journal papers are a key product for FY 01, but paper titles and target journals are not provided in the proposal. Fund contingent upon receipt of revised proposal, possibly at lower cost.		Fund contingent on (a) submittal and approval of a revised Detailed Project Description and budget that identify the titles and likely journals for the proposed manuscripts, identify those costs associated with manuscript preparation, and reduce other costs substantially and (b) submittal of the Project 99273 report (due June 15, 2000). This project is studying the life history and ecology of surf scoters in Prince William Sound as the first step in determining the cause of their suspected population decline and developing conservation and management strategies to ensure the long-term health of the population. Surf scoters 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 service of subsistence.				

Exxon Valdez Oil Spill Trustee Council

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June 13, 2000

Charlie Hughey, EVOS CIF
Valdez Native Tribe
PO Box 1108
Valdez, AK 99686

Charles E. O'Clair, PhD
Auke Bay Wildlife Laboratory
11305 Glacier Hwy
Juneau, AK 99801-8626

RE: Project 01401 / Assessment of Spot Shrimp Abundance in Prince William Sound


Dear Mr. Hughey and Dr. O'Clair:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council fund Project 01401/Assessment of Spot Shrimp Abundance in Prince William Sound contingent on submittal and approval of (a) a revised Detailed Project Description that deletes the new objective related to growth modeling and (b) a reduced budget. I have enclosed a copy of my preliminary recommendation on this project, along with the Chief Scientist's recommendation on the project's technical merits. This recommendation is made for public review and may be revised before it is provided to the Trustee Council in early August.

The Restoration Office estimate of the overall budget for Project 01401 is \$88,000, including agency general administration. You should work from this number in developing your revised budget. The revised budget should be prepared on the standard detailed budget forms and submitted, along with the revised Detailed Project Description, to the Restoration Office, Attn: Sandra Schubert, by **July 7, 2000**. (Please submit three paper copies and an electronic copy of the DPD and budget.) Enclosed is a list of items considered in the review of your budget which may help you prepare a revised budget.

My preliminary recommendations on all proposals for funding in FY 01 have been incorporated into the Draft Work Plan, which will be available for public review on the

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Trustee Council's web page (www.oilspill.state.ak.us) June 15. If you would like a copy of the Draft Work Plan sent to you, please call or e-mail the Restoration Office:

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

Public comments will be accepted on the Draft Work Plan through July 19. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Council. Council action on the Work Plan is scheduled for August 3, 2000.

Thank you for your continuing interest in the *Exxon Valdez* restoration program. If you have questions about this preliminary recommendation, please call me or Bruce Wright, the NOAA liaison to the Trustee Council.

Sincerely,



Molly McCammon
Executive Director

Enclosure

cc: Bruce Wright, NOAA Liaison

mmv/pdb

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY01 Request	FY01 Recom.	FY02 Recom.	Total FY01-02
01401	Assessment of Spot Shrimp Abundance in Prince William Sound	C. Hughey/ Valdez Native Tribe, C. O'Clair/ NOAA	NOAA	Cont'd 3rd yr. 4 yr. project	\$95.0	\$88.0	\$33.0	\$121.0

Project Abstract

This project will determine whether the spot shrimp population in Prince William Sound is recovering from depletion. FY 00 results are consistent with those of the Alaska Department of Fish and Game annual survey and indicate a cessation in the apparent decline of spot shrimp abundance in western Prince William Sound that had taken place from 1992 to 1998. Evidence of the beginning of recovery of the spot shrimp population, though encouraging, is inconclusive. In FY 01, the project will provide a second estimate of the abundance of spot shrimp to determine if the trend hinted at in FY 00 is real, and will model growth and estimate recruitment potential by sampling juveniles.

Chief Scientist's Recommendation

This is the third year of a four-year project. The original justification for the project was based upon a downward population trend. FY 00 survey results (October 1999) suggest no downward trend; this result is consistent with the Alaska Department of Fish and Game annual survey. A second survey (FY 01, October 2000) will provide additional data to determine if the downward population trend has ceased. The new objective to model growth for spot shrimp is not a priority and should not be funded. Fund contingent on a revised proposal that deletes the modeling objective.

Executive Director's Preliminary Recommendation

Fund contingent on submittal and approval of (a) a revised Detailed Project Description that deletes the new objective related to growth modeling and (b) a reduced budget. This project 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.

ITEMS CONSIDERED IN REVIEW OF FY 01 BUDGETS

1. Level of funding authorized in FY 00 and projection, at that time, of FY 01 budget. Items budgeted for FY 00 but not implemented should not be funded again in FY 01 unless the proposer can verify that he/she will lapse the "unused" FY 00 funds.
2. Direction given by Trustee Council and/or Chief Scientist in FY 00 Final Work Plan or in subsequent review sessions (e.g., transition to agency funding, close out certain components).
3. Change in project's scope per the Chief Scientist's recommendation (i.e., elimination, revision, or addition of objectives). If a pilot project is seeking expansion, note whether there is adequate information to evaluate the pilot's success. Decisions on some projects will need to be deferred pending fall review or completion of work underway in FY 00.
- ④. Personal Services: Note if number of months has increased significantly over FY 00 or if number of months appears excessive, e.g. 12 mos. for a closeout and no justification provided. Also note if salary appears excessive relative to scope of work and salaries typically paid agency or university employees for the type of work. *Addition of \$14,500 for temporary labor not explained.*
5. Project Management: No funds should be budgeted in the individual project budgets. Project management costs will be addressed in Project 01250.
- ⑥. Travel: Note if travel has increased significantly over FY 00 and no justification is provided. *Increase in number of trips, a cost of trips, to PWS not explained.*
- ⑦. Annual Workshop: For PI and co-PI only, travel and per diem for up to 3 days -- and only if PI/co-PI not located in Anchorage.
8. Other EVOS Reviews/Workshops: No technical review sessions are scheduled for FY 01.
9. Professional Conferences: One each per PI (and co-PI if appropriate) if the PI will be presenting results of his or her EVOS work or attendance at the workshop is integral to the project -- and only if the DPD identifies the conference and the reason for attending.
10. Manuscript Preparation: Maximum \$1,000 in page costs per project and maximum 1.5 months personnel time per publication -- and only if the DPD indicates that a manuscript will be published (i.e., appear in print) in FY 01 (DPD must also include subject/title of manuscript, name of peer reviewed journal to

which will be submitted, and when it will be submitted). Note number of manuscripts for which funding support is requested.

11. Report Writing: No funding on new projects unless the DPD indicates the report will be completed in FY 01 (or rolled into a non-severable contract in FY 01).
12. Equipment: Note purchases of major new equipment.
13. Indirect Costs: Office supplies, copying, phones, equipment maintenance and repair, vehicle leasing, software, and training are typically indirect costs. Such costs should be budgeted for separately only if they are incurred because of a specific project and documentation of the expense is maintained. The documentation must demonstrate to a financial auditor that the expense was directly attributable to the project, and was necessary and reasonable. Maintenance and operation of space (i.e., lease costs) are always an indirect cost.

By agreement, University of Alaska indirect rate is 25% of all direct costs except subcontract costs in excess of \$25,000 (see p. 61 of *FY 01 Invitation* for more detail).

14. Community Involvement and TEK: Note funds budgeted.
15. Future Years: Note significant changes (from what was projected in the FY 00 Final Work Plan) in FY 2002. No funding decisions for FY 03 and beyond are being made at this time.
- ①6. Other: Note additional, project-specific budget issues that may need to be addressed.

Increase in vessel charter cost not explained.
Miscellaneous fishing gear not explained.

Exxon Valdez Oil Spill Trustee Council

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



June 13, 2000

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

Dan Esler
USGS-BRD, AK Science Ctr
1011 E Tudor Rd
Anchorage, AK 99503-6119

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

RE: Project 01423 / Patterns and Processes of Population Change in Selected
Nearshore Vertebrate Predators

Dear Mr. ~~Bodkin~~, Mr. ~~Esler~~ and Mr. ~~Dean~~:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council fund Project 01423/Patterns and Processes of Population Change in Selected Nearshore Vertebrate Predators contingent on (a) submittal and approval of a revised Detailed Project Description and budget that delete the sea otter aerial survey and captive studies and (b) submittal of the Project 00510 manuscript. I have enclosed a copy of my preliminary recommendation on this project, along with the Chief Scientist's recommendation on the project's technical merits. This recommendation is made for public review and may be revised before it is provided to the Trustee Council in early August.

The Restoration Office estimate of the overall budget for Project 01423 is \$338,800, including agency general administration. You should work from this number in developing your revised budget. The revised budget should be prepared on the standard detailed budget forms and submitted, along with a revised Detailed Project

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Description, to the Restoration Office, Attn: Sandra Schubert, by **July 7, 2000**. Please submit three paper copies and an electronic copy of the DPD and budget.

Please note that no funding for FY 03 for this project is being considered at this time. Also note that bench fees for your project have not yet been negotiated with the Alaska SeaLife Center, and will be added later.

My preliminary recommendations on all proposals for funding in FY 01 have been incorporated into the Draft Work Plan, which will be available for public review on the Trustee Council's web page (www.oilspill.state.ak.us) June 15. If you would like a copy of the Draft Work Plan sent to you, please call or e-mail the Restoration Office:

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

Public comments will be accepted on the Draft Work Plan through July 19. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Council. Council action on the Work Plan is scheduled for August 3, 2000.

Thank you for your continuing interest in the *Exxon Valdez* restoration program. If you have questions about this preliminary recommendation, please call me or Dede Bohn, the DOI-USGS liaison to the Trustee Council.

Sincerely,



Molly McCammon
Executive Director

Enclosure

cc: Dede Bohn, DOI-USGS Liaison

mm/pdb

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY01 Request	FY01 Recom.	FY02 Recom.	Total FY01-02
01423	Patterns and Processes of Population Change in Selected Nearshore Vertebrate Predators	J. Bodkin, D. Esler/USGS-BRD, T. Dean/CRA, Inc.	DOI	Cont'd 3rd yr. 4 yr. project	\$504.7	\$338.8		\$338.8
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Executive Director's Preliminary Recommendation</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. Sea otter work will include aerial surveys of distribution and abundance, estimation of abundance and size of green sea urchins, estimation of age-specific survival rates, and monitoring of CYP1A expression. Harlequin duck field studies will examine the relationship between survival and CYP1A. Captive experiments on both sea otters and harlequin ducks will examine the relationships between oil exposure and CYP1A induction, and metabolic and behavioral consequences of exposure. [NOTE: This project also requested funds (\$250,000) for FY 03.]		This proposal includes some ongoing components and some new components for FY 01. The continuation of the vital harlequin duck work, including both the field and Alaska Sealife Center components, is justified. The increase in the harlequin principal investigator's time is also well justified. Given the important work on population dynamics derived from collection of sea otter carcasses, the shoreline carcass survey is well justified. Since the sea otter population is unlikely to show a large change in FY 01, the aerial population surveys are a lower priority and should not be funded in FY 01. The measurement of biomarkers of oil exposure in sea otter field surveys needs to be carried out as this is the primary indicator of continuing oil exposure. Experimental dosing of sea otters with oil does not appear justified at this point in the restoration program. The sea urchin component should be closed out as planned in FY 01. Fund contingent on receipt and review of revised proposal at reduced funding level incorporating above recommendations.		Fund contingent on (a) submittal and approval of revised Detailed Project Description and budget that delete the sea otter aerial survey and the sea otter captive studies components and (b) submittal of Project 00510 manuscript due April 15, 2000. This project is an important extension of the Nearshore Vertebrate Predator (Project /025) work on two still-injured species, sea otters and harlequin ducks. In FY 01, an objective related to sea otter survival/ CYP1A induction is added and the sea urchin component will conclude with preparation of a final report. No funding for FY 03 is being considered at this time. [NOTE: Alaska SeaLife Center bench fees will need to be added to this project.]				

Exxon Valdez Oil Spill Trustee Council

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



June 13, 2000

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

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

RE: Project 01479 / Effects of Food Stress on Survival and Reproductive
Performance of Seabirds

Dear Dr. Piatt and Dr. Kitaysky:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council fund Project 01479/Effects of Food Stress on Survival and Reproductive Performance of Seabirds contingent on satisfactory resolution of the Chief Scientist's concerns and submittal of the late report (Project 99169) and manuscripts promised under projects 00163, 00169, and 00306. I have enclosed a copy of my preliminary recommendation on this project, along with the Chief Scientist's recommendation on the project's technical merits. This recommendation is made for public review and may be revised before it is provided to the Trustee Council in early August.

Please submit a memorandum addressing the Chief Scientist's concerns to the Restoration Office, Attn: Sandra Schubert, by **July 7, 2000**.

My preliminary recommendations on all proposals for funding in FY 01 have been incorporated into the Draft Work Plan, which will be available for public review on the

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Trustee Council's web page (www.oilspill.state.ak.us) June 15. If you would like a copy of the Draft Work Plan sent to you, please call or e-mail the Restoration Office:

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

Public comments will be accepted on the Draft Work Plan through July 19. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Council. Council action on the Work Plan is scheduled for August 3, 2000.

Thank you for your continuing interest in the *Exxon Valdez* restoration program. If you have questions about this preliminary recommendation, please call me or Dede Bohn, the DOI-USGS liaison to the Trustee Council.

Sincerely,



Molly McCammon
Executive Director

Enclosure

cc: Dede Bohn, DOI-USGS Liaison

mm/pdb

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY01 Request	FY01 Recom.	FY02 Recom.	Total FY01-02
01479	Effects of Food Stress on Survival and Reproductive Performance of Seabirds	J. Piatt/USGS-BRD, A. Kitaysky/Univ. of Washington	DOI	Cont'd 3rd yr. 4 yr. project	\$129.6	\$129.6	\$75.0	\$204.6
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Executive Director's Preliminary Recommendation</u>				
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.		This project is testing using the level of corticosterone, an indicator of physiological stress, as a predictor of productivity and survival in seabirds. The principal investigators are highly qualified as the originators of this method, which is potentially an efficient and cost effective long-term monitoring tool. However, given the problem with banding adult birds (Project 01338), it is unclear if a satisfactory measure of adult survival will be available, and descriptions of methods for the hormone implant and post-fledging survival experiments need expansion. Fund contingent on obtaining additional information from principal investigators that addresses these concerns.		Fund contingent on (a) satisfactory resolution of the Chief Scientist's concerns and (b) submittal of promised report (Project 99169, due April 30, 2000) and manuscripts (four under Project 00163, four under Project 00169, four under Project 00306). This project is exploring the use of corticosterone, a biochemical indicator of stress, as a tool to monitor seabird populations.				

Exxon Valdez Oil Spill Trustee Council

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



June 13, 2000

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

RE: Project 01476 / Effects of Oiled Incubation Substrate on Pink Salmon
Reproduction


Dear Mr. Heintz:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council fund Project 01476/Effects of Oiled Incubation Substrate on Pink Salmon Reproduction contingent on (a) submittal and approval of a slightly reduced budget and (b) submittal of overdue reports (project 99347 and 99476) and the three manuscripts promised in Project 00347. I have enclosed a copy of my preliminary recommendation on this project, along with the Chief Scientist's recommendation on the project's technical merits. This recommendation is made for public review and may be revised before it is provided to the Trustee Council in early August.

The Restoration Office estimate of the overall budget for Project 01476 is \$94,500, including agency general administration. You should work from this number in developing your revised budget. The revised budget should be prepared on the standard detailed budget forms and submitted to the Restoration Office, Attn: Sandra Schubert, by **July 7, 2000** (please submit three paper copies and an electronic copy). Enclosed is a list of items considered in the review of your budget which may help you prepare a revised budget.

My preliminary recommendations on all proposals for funding in FY 01 have been incorporated into the Draft Work Plan, which will be available for public review on the

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E-mail	sandra_schubert@oilspill.state.ak.us

Public comments will be accepted on the Draft Work Plan through July 19. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Council. Council action on the Work Plan is scheduled for August 3, 2000.

Thank you for your continuing interest in the *Exxon Valdez* restoration program. If you have questions about this preliminary recommendation, please call me or Bruce Wright, the NOAA liaison to the Trustee Council.

Sincerely,



Molly McCammon
Executive Director

Enclosure

cc: Bruce Wright, NOAA Liaison

mm/pdb

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY01 Request	FY01 Recom.	FY02 Recom.	Total FY01-02
01476	Effects of Oiled Incubation Substrate on Pink Salmon Reproduction	R. Heintz/NOAA	NOAA	Cont'd 3rd yr. 3 yr. project	\$97.0	\$94.5	\$39.0	\$133.5

Project Abstract

Populations are maintained through successful reproduction; this project is designed to determine if exposure to oil impairs pink salmon reproduction. Under Part A, the ability of the parental generation (P1) to produce offspring (F1) will be measured. The P1 was exposed when they incubated in 1998; the F1 will incubate in clean water beginning in FY 01. Part B extends Part A by measuring the ability of the F1 to produce viable offspring (F2) in 2002. A diminished ability to produce the F2 generation represents a genetic effect transmitted to unexposed generations.

Corroborating evidence for parental and genetic effects of oil is increasing. This project will demonstrate the extent of these grave and unanticipated effects of oil pollution. [NOTE: This project also requested funds (\$36,000) for FY 03.]

Chief Scientist's Recommendation

This is the third year of a three-year project. An extension has been requested based on recent results from a University of Alaska Fairbanks (UAF) study indicating reductions in survival-to-adult for pink salmon whose grandparents had been exposed to oil. The extension would allow replication of the UAF study results with greater statistical power to distinguish between survival of oiled and unoled groups. Given the substantial prior investment by the Trustee Council in this line of research and the critical nature of the results for interpretation of oil damage, the expansion of this study is justified. The expansion will require funding in FY 02 and FY 03 if the full payoff (genetic effects) is to be realized. Possibility of multi-generational effects is important to clarifying the meaning of recovery in the overall program. Fund.

Executive Director's Preliminary Recommendation

Fund, including new objectives in Part B related to measuring the ability of the first generation of offspring to itself produce viable offspring, contingent on submittal and approval of a slightly reduced budget. 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. [NOTE: Funding of the new objectives will require \$36,000 in Trustee Council support in FY 03.]

ITEMS CONSIDERED IN REVIEW OF FY 01 BUDGETS

1. Level of funding authorized in FY 00 and projection, at that time, of FY 01 budget. Items budgeted for FY 00 but not implemented should not be funded again in FY 01 unless the proposer can verify that he/she will lapse the "unused" FY 00 funds.
2. Direction given by Trustee Council and/or Chief Scientist in FY 00 Final Work Plan or in subsequent review sessions (e.g., transition to agency funding, close out certain components).
3. Change in project's scope per the Chief Scientist's recommendation (i.e., elimination, revision, or addition of objectives). If a pilot project is seeking expansion, note whether there is adequate information to evaluate the pilot's success. Decisions on some projects will need to be deferred pending fall review or completion of work underway in FY 00.
4. Personal Services: Note if number of months has increased significantly over FY 00 or if number of months appears excessive, e.g. 12 mos. for a closeout and no justification provided. Also note if salary appears excessive relative to scope of work and salaries typically paid agency or university employees for the type of work.
5. Project Management: No funds should be budgeted in the individual project budgets. Project management costs will be addressed in Project 01250.
6. Travel: Note if travel has increased significantly over FY 00 and no justification is provided.
7. Annual Workshop: For PI and co-PI only, travel and per diem for up to 3 days -- and only if PI/co-PI not located in Anchorage.
8. Other EVOS Reviews/Workshops: No technical review sessions are scheduled for FY 01.
9. Professional Conferences: One each per PI (and co-PI if appropriate) if the PI will be presenting results of his or her EVOS work or attendance at the workshop is integral to the project -- and only if the DPD identifies the conference and the reason for attending.
10. Manuscript Preparation: Maximum \$1,000 in page costs per project and maximum 1.5 months personnel time per publication -- and only if the DPD indicates that a manuscript will be published (i.e., appear in print) in FY 01 (DPD must also include subject/title of manuscript, name of peer reviewed journal to

which will be submitted, and when it will be submitted). Note number of manuscripts for which funding support is requested.

11. Report Writing: No funding on new projects unless the DPD indicates the report will be completed in FY 01 (or rolled into a non-severable contract in FY 01).
12. Equipment: Note purchases of major new equipment.
13. Indirect Costs: Office supplies, copying, phones, equipment maintenance and repair, vehicle leasing, software, and training are typically indirect costs. Such costs should be budgeted for separately only if they are incurred because of a specific project and documentation of the expense is maintained. The documentation must demonstrate to a financial auditor that the expense was directly attributable to the project, and was necessary and reasonable. Maintenance and operation of space (i.e., lease costs) are always an indirect cost.

By agreement, University of Alaska indirect rate is 25% of all direct costs except subcontract costs in excess of \$25,000 (see p. 61 of *FY 01 Invitation* for more detail).

14. Community Involvement and TEK: Note funds budgeted.
15. Future Years: Note significant changes (from what was projected in the FY 00 Final Work Plan) in FY 2002. No funding decisions for FY 03 and beyond are being made at this time.
- ①6. Other: Note additional, project-specific budget issues that may need to be addressed.

\$3,000 for miscellaneous supplies not explained

Exxon Valdez Oil Spill Trustee Council

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



June 13, 2000

Mike Castellini, PhD
UAF/IMS
PO Box 757140
Fairbanks, AK 99775-7140

RE: Project Q1341 / Harbor Seal Recovery: Controlled Studies of Health and Diet

Dear Dr. ~~Castellini~~ ^{Mike}:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council fund Project 01341/Harbor Seal Recovery: Controlled Studies of Health and Diet contingent on submittal and approval of (a) a revised Detailed Project Description that reflects complete project closeout in FY 01 (that is, no Council funding in FY 02 and submittal of final report by September 30, 2001) and (b) a reduced budget. I have enclosed a copy of my preliminary recommendation on this project, along with the Chief Scientist's recommendation on the project's technical merits. This recommendation is made for public review and may be revised before it is provided to the Trustee Council in early August.

The Restoration Office estimate of the overall budget for Project 01341 is \$84,200, including agency general administration. You should work from this number in developing your revised budget. The revised budget should be prepared on the standard detailed budget forms and submitted, along with your revised Detailed Project Description, to the Restoration Office, Attn: Sandra Schubert, by **July 7, 2000**. (Please submit three paper copies and an electronic copy of the DPD and budget.) Enclosed is a list of items considered in the review of your budget which may help you prepare a revised budget.

My preliminary recommendations on all proposals for funding in FY 01 have been incorporated into the Draft Work Plan, which will be available for public review on the

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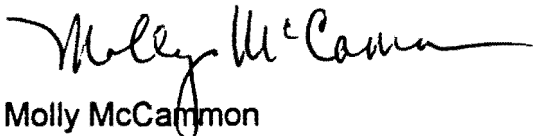
Trustee Council's web page (www.oilspill.state.ak.us) June 15. If you would like a copy of the Draft Work Plan sent to you, please call or e-mail the Restoration Office:

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E-mail	sandra_schubert@oilspill.state.ak.us

Public comments will be accepted on the Draft Work Plan through July 19. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Council. Council action on the Work Plan is scheduled for August 3, 2000.

Thank you for your continuing interest in the *Exxon Valdez* restoration program. If you have questions about this preliminary recommendation, please call me or Claudia Slater, the ADF&G liaison to the Trustee Council.

Sincerely,



Molly McCammon
Executive Director

Enclosure

cc: Claudia Slater, ADF&G Liaison

mm/pdb

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY01 Request	FY01 Recom.	FY02 Recom.	Total FY01-02
01341-CLO	Harbor Seal Recovery: Controlled Studies of Health and Diet	M. Castellini/UAF	ADFG	Cont'd 4th yr. 4 yr. project	\$90.1	\$84.2	\$0.0	\$84.2
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Executive Director's Preliminary Recommendation</u>				
This project will fund the last year of data analysis for a long-term study underway at the Alaska SeaLife Center quantifying the impact of feeding differing fish diets on the health and body condition of harbor seals. Even though health status biomarkers for marine mammals in Prince William Sound were established during field trials (Project /001), this Alaska SeaLife Center component is the critical test of how each marker varies in a seal depending on diet and season. The project will also establish whether specific diets are nutritionally adequate to maintain seal health by monitoring health parameters and measuring assimilation efficiency during feeding trials. While this project focuses on the issue of harbor seal health, the approach is potentially applicable to any of the injured top predators. [NOTE: The principal investigator has indicated that additional closeout funds (no amount specified) may be requested for FY 02.]		A potential reason for population changes in marine mammals in the North Pacific is long-term climate change. This study should provide some very unique and interesting information in this regard. The proposal requests additional time to finish analyses, but there is an inadequate justification for increased costs associated with the additional time. Fund for FY 01 but with no cost increase.		Fund closeout of this project contingent on submittal and approval of a revised Detailed Project Description and budget that (a) reflect completion of the project, including preparation of final report, in FY 01 (i.e., no Trustee Council contribution in FY 02) and (b) resolve several small budget questions. This project is investigating the effect of diet on the health and body condition of harbor seals under controlled conditions at the Alaska SeaLife Center. The results of the study will enable scientists to test the validity of results from field tests. [NOTE: No work will be conducted at the Alaska SeaLife Center in FY 01.]				

ITEMS CONSIDERED IN REVIEW OF FY 01 BUDGETS

1. Level of funding authorized in FY 00 and projection, at that time, of FY 01 budget. Items budgeted for FY 00 but not implemented should not be funded again in FY 01 unless the proposer can verify that he/she will lapse the "unused" FY 00 funds.
2. Direction given by Trustee Council and/or Chief Scientist in FY 00 Final Work Plan or in subsequent review sessions (e.g., transition to agency funding, close out certain components).
3. Change in project's scope per the Chief Scientist's recommendation (i.e., elimination, revision, or addition of objectives). If a pilot project is seeking expansion, note whether there is adequate information to evaluate the pilot's success. Decisions on some projects will need to be deferred pending fall review or completion of work underway in FY 00.
4. Personal Services: Note if number of months has increased significantly over FY 00 or if number of months appears excessive, e.g. 12 mos. for a closeout and no justification provided. Also note if salary appears excessive relative to scope of work and salaries typically paid agency or university employees for the type of work. *Increase for research associate not explained.*
5. Project Management: No funds should be budgeted in the individual project budgets. Project management costs will be addressed in Project 01250.
6. Travel: Note if travel has increased significantly over FY 00 and no justification is provided. *Travel to Cordova & Seward not explained.*
7. Annual Workshop: For PI and co-PI only, travel and per diem for up to 3 days -- and only if PI/co-PI not located in Anchorage.
8. Other EVOS Reviews/Workshops: No technical review sessions are scheduled for FY 01.
9. Professional Conferences: One each per PI (and co-PI if appropriate) if the PI will be presenting results of his or her EVOS work or attendance at the workshop is integral to the project -- and only if the DPD identifies the conference and the reason for attending.
10. Manuscript Preparation: Maximum \$1,000 in page costs per project and maximum 1.5 months personnel time per publication -- and only if the DPD indicates that a manuscript will be published (i.e., appear in print) in FY 01 (DPD must also include subject/title of manuscript, name of peer reviewed journal to

which will be submitted, and when it will be submitted). Note number of manuscripts for which funding support is requested.

11. Report Writing: No funding on new projects unless the DPD indicates the report will be completed in FY 01 (or rolled into a non-severable contract in FY 01).
12. Equipment: Note purchases of major new equipment.
13. Indirect Costs: Office supplies, copying, phones, equipment maintenance and repair, vehicle leasing, software, and training are typically indirect costs. Such costs should be budgeted for separately only if they are incurred because of a specific project and documentation of the expense is maintained. The documentation must demonstrate to a financial auditor that the expense was directly attributable to the project, and was necessary and reasonable. Maintenance and operation of space (i.e., lease costs) are always an indirect cost.

By agreement, University of Alaska indirect rate is 25% of all direct costs except subcontract costs in excess of \$25,000 (see p. 61 of *FY 01 Invitation* for more detail).

14. Community Involvement and TEK: Note funds budgeted.
15. Future Years: Note significant changes (from what was projected in the FY 00 Final Work Plan) in FY 2002. No funding decisions for FY 03 and beyond are being made at this time.

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

Are sample collection supplies & lab expendables needed in FY 01?

Exxon Valdez Oil Spill Trustee Council

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



June 13, 2000

Edward O. Otis
ADFG
3298 Douglas Place
Homer, AK 99603

RE: Project 01366 / Improved Salmon Escapement Enumeration Using Remote Video and Time-Lapse Recording Technology

Dear Mr. Otis:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council fund Project 01366/Improved Salmon Escapement Enumeration Using Remote Video and Time-Lapse Recording Technology contingent on clarification of the conference and manuscript components and submittal of a slightly reduced budget. I have enclosed a copy of my preliminary recommendation on this project, along with the Chief Scientist's recommendation on the project's technical merits. This recommendation is made for public review and may be revised before it is provided to the Trustee Council in early August.

The Restoration Office estimate of the overall budget for Project 01366 is \$11,700, including agency general administration. You should work from this number in developing your revised budget. Enclosed is a list of items considered in the review of your budget which may help you prepare a revised budget. In addition, the funds requested for attendance at a professional conference (\$1,200) and page costs (\$1,000) should be deleted unless you are certain that these activities will in fact take place in FY 01. Please note that the Chief Scientist feels a publication in the peer reviewed literature is an important part of this innovative project. Also please note that no Trustee Council funding is expected for this project in FY 02.

The revised budget should be prepared on the standard detailed budget forms and submitted to the Restoration Office, Attn: Sandra Schubert, by **July 7, 2000**. Please submit three paper copies and an electronic copy.

My preliminary recommendations on all proposals for funding in FY 01 have been incorporated into the Draft Work Plan, which will be available for public review on the

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Thank you for your continuing interest in the *Exxon Valdez* restoration program. If you have questions about this preliminary recommendation, please call me or Claudia Slater, the ADF&G liaison to the Trustee Council.

Sincerely,



Molly McCammon
Executive Director

Enclosure

cc: Claudia Slater, ADF&G Liaison

mm/pdb

SPREADSHEET B: EXECUTIVE DIRECTOR'S PRELIMINARY RECOMMENDATION / FY 01 DRAFT WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY01 Request	FY01 Recom.	FY02 Recom.	Total FY01-02
01366-CLO	Improved Salmon Escapement Enumeration Using Remote Video and Time-Lapse Recording Technology	E. Otis/ADFG	ADFG	Cont'd 3rd yr. 3 yr. project	\$12.4	\$11.7	\$0.0	\$11.7
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Executive Director's Preliminary Recommendation</u>				
Salmon resources and services within the spill area, and particularly within Prince William Sound, were injured by the oil spill and have not fully recovered. To monitor the recovery of salmon stocks in the spill area and improve escapement information used to set spawning escapement goals, this project will develop remote video and time-lapse recording technology for enumerating salmon escapement. Remote video has the potential to provide accurate, archivable documentation of salmon escapements well beyond the capacity of aerial survey indices, and well below the cost of weir and sonar projects. Videotapes can be retrieved and reviewed weekly to facilitate in-season management of commercial fisheries. Funding in FY 01 is for preparation of a final report and possibly a publication.		This project has demonstrated a cost-effective technology to make escapement data available at a reduced cost, potentially greatly enhancing in-season management of salmon. A small amount of funding is needed for FY 01 to produce a publication from this innovative project. Fund.		Fund closeout of this project contingent on (a) clarification of the principal investigator's intent to present findings at a professional conference and complete a manuscript in FY 01 and (b) submittal and approval of a slightly reduced budget. This project is developing a new technique for estimating spawner abundance that could potentially advance salmon management. The remote video technique was tested on Delight Creek (sockeye escapement in a small stream) in FY 99 and is being tested on Port Dick Creek (pink and chum escapement in a tidally influenced stream) in FY 00.				

ITEMS CONSIDERED IN REVIEW OF FY 01 BUDGETS

1. Level of funding authorized in FY 00 and projection, at that time, of FY 01 budget. Items budgeted for FY 00 but not implemented should not be funded again in FY 01 unless the proposer can verify that he/she will lapse the "unused" FY 00 funds.
2. Direction given by Trustee Council and/or Chief Scientist in FY 00 Final Work Plan or in subsequent review sessions (e.g., transition to agency funding, close out certain components).
3. Change in project's scope per the Chief Scientist's recommendation (i.e., elimination, revision, or addition of objectives). If a pilot project is seeking expansion, note whether there is adequate information to evaluate the pilot's success. Decisions on some projects will need to be deferred pending fall review or completion of work underway in FY 00.
4. Personal Services: Note if number of months has increased significantly over FY 00 or if number of months appears excessive, e.g. 12 mos. for a closeout and no justification provided. Also note if salary appears excessive relative to scope of work and salaries typically paid agency or university employees for the type of work.
5. Project Management: No funds should be budgeted in the individual project budgets. Project management costs will be addressed in Project 01250.
6. Travel: Note if travel has increased significantly over FY 00 and no justification is provided.
7. Annual Workshop: For PI and co-PI only, travel and per diem for up to 3 days -- and only if PI/co-PI not located in Anchorage.
8. Other EVOS Reviews/Workshops: No technical review sessions are scheduled for FY 01.
9. Professional Conferences: One each per PI (and co-PI if appropriate) if the PI will be presenting results of his or her EVOS work or attendance at the workshop is integral to the project -- and only if the DPD identifies the conference and the reason for attending.
10. Manuscript Preparation: Maximum \$1,000 in page costs per project and maximum 1.5 months personnel time per publication -- and only if the DPD indicates that a manuscript will be published (i.e., appear in print) in FY 01 (DPD must also include subject/title of manuscript, name of peer reviewed journal to

which will be submitted, and when it will be submitted). Note number of manuscripts for which funding support is requested.

11. Report Writing: No funding on new projects unless the DPD indicates the report will be completed in FY 01 (or rolled into a non-severable contract in FY 01).
12. Equipment: Note purchases of major new equipment.
13. Indirect Costs: Office supplies, copying, phones, equipment maintenance and repair, vehicle leasing, software, and training are typically indirect costs. Such costs should be budgeted for separately only if they are incurred because of a specific project and documentation of the expense is maintained. The documentation must demonstrate to a financial auditor that the expense was directly attributable to the project, and was necessary and reasonable. Maintenance and operation of space (i.e., lease costs) are always an indirect cost.

By agreement, University of Alaska indirect rate is 25% of all direct costs except subcontract costs in excess of \$25,000 (see p. 61 of *FY 01 Invitation* for more detail).

14. Community Involvement and TEK: Note funds budgeted.
15. Future Years: Note significant changes (from what was projected in the FY 00 Final Work Plan) in FY 2002. No funding decisions for FY 03 and beyond are being made at this time.
16. Other: Note additional, project-specific budget issues that may need to be addressed.

Exxon Valdez Oil Spill Trustee Council

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



June 13, 2000

Donald Schell, PhD
UAF/IMS
PO Box 757220
Fairbanks, AK 99775-7220

RE: Project 01371-CLO / Effects of Harbor Seal Metabolism on Stable Isotope Ratio Tracers


Dear Dr. Schell:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council fund Project 01371/Effects of Harbor Seal Metabolism on Stable Isotope Ratio Tracers. I have enclosed a copy of my preliminary recommendation on this project, along with the Chief Scientist's recommendation on the project's technical merits. This recommendation is made for public review and may be revised before it is provided to the Trustee Council in early August. Please note that no Trustee Council funding is expected for this project in FY 02 and that all closeout activities (including final report) should be completed by September 30, 2001.

My preliminary recommendations on all proposals for funding in FY 01 have been incorporated into the Draft Work Plan, which will be available for public review on the Trustee Council's web page (www.oilspill.state.ak.us) June 15. If you would like a copy of the Draft Work Plan sent to you, please call or e-mail the Restoration Office:

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

Public comments will be accepted on the Draft Work Plan through July 19. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Council. Council action on the Work Plan is scheduled for August 3, 2000.

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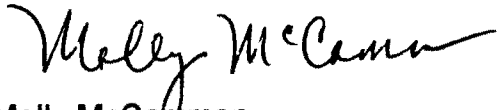
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Thank you for your continuing interest in the *Exxon Valdez* restoration program. If you have any questions about this preliminary recommendation, please call me or Claudia Slater, the ADF&G liaison to the Trustee Council.

Sincerely,

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

Molly McCammon
Executive Director

Enclosure

cc: Claudia Slater, ADF&G Liaison

mm/pdb

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY01 Request	FY01 Recom.	FY02 Recom.	Total FY01-02
01371-CLO	Effects of Harbor Seal Metabolism on Stable Isotope Ratio Tracers	D. Schell/UAF	ADFG	Cont'd 3rd yr. 3 yr. project	\$92.9	\$92.9	\$0.0	\$92.9
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Executive Director's Preliminary Recommendation</u>				
A major concern when using stable isotope tracers in ecosystem studies is the fidelity with which isotope ratios are transferred up food chains. Use of specific habitats or prey cannot be assessed because geographic gradients in isotope ratios confound trophic effects and/or prey switching. To remove these problems, this project developed complex analytical protocols to isolate amino acids from harbor seals which were pulse-labeled with ¹⁵ N-amino acids. Subsequent samples of blood plasma and red blood cells over time allowed for estimation of nitrogen incorporation rates. The goals of the final year are to identify pathways of rapid versus slower turnover and to investigate determination of habitat biomarkers. [NOTE: The principal investigator has indicated that additional closeout funds (no amount specified) may be requested for FY 02.]		FY 01 is to be the closeout year for this project, although the principal investigator has proposed completing the project in FY 02. The total closeout budget over the two years should remain the same as originally proposed for FY 01. Fund.		Fund closeout of this project, including completion of final report. No FY 02 funding for this project will be provided. This study will shed light on the effect of nutrition on the recovery of harbor seals. [NOTE: No work will be conducted at the Alaska SeaLife Center in FY 01.]				

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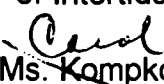



June 13, 2000

Carol Kompkoff
Chenega Bay Village IRA Council
PO Box 8079
Chenega Bay, AK 99579-8079

Paul Panamarioff
Ouzinkie Tribal Council
PO Box 130
Ouzinkie, AK 99644-0130

RE: Project 01481 / Documentary Film on the Oil Spill Impacts on Subsistence Use of Intertidal Resources

 
Dear Ms. Kompkoff and Mr. Panamarioff:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council fund Project 01481/Documentary Film on the Oil Spill Impacts on Subsistence Use of Intertidal Resources. I have enclosed a copy of my preliminary recommendation on this project, along with the Chief Scientist's recommendation on the project's technical merits. This recommendation is made for public review and may be revised before it is provided to the Trustee Council in early August.

My preliminary recommendations on all proposals for funding in FY 01 have been incorporated into the Draft Work Plan, which will be available for public review on the Trustee Council's web page (www.oilspill.state.ak.us) June 15. If you would like a copy of the Draft Work Plan sent to you, please call or e-mail the Restoration Office:

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

Public comments will be accepted on the Draft Work Plan through July 19. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final

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Alaska Department of Law

recommendation to the Council. Council action on the Work Plan is scheduled for August 3, 2000.

Thank you for your continuing interest in the *Exxon Valdez* restoration program. If you have any questions about this preliminary recommendation, please call me or Claudia Slater, the ADF&G liaison to the Trustee Council.

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: Claudia Slater, ADF&G Liaison

mm/pdb

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY01 Request	FY01 Recom.	FY02 Recom.	Total FY01-02
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	Cont'd 2nd yr. 2 yr. project	\$111.8	\$111.8	\$0.0	\$111.8
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Executive Director's Preliminary Recommendation</u>				
This project will produce a 28 minute documentary film on the impacts of the oil spill on the subsistence use of intertidal resources, including mussels, clams, chitons, and octopus, by residents of two predominantly Alaska Native communities: Chenega Bay in Prince William Sound and Ouzinkie on Kodiak Island. This project will build on two previous subsistence documentaries (projects 96214 and 98274) and will focus on the use of resources in the intertidal, the area hardest hit by oil, and broaden the discussion by bringing in the perspective of the residents of Chenega Bay, the first community directly in the path of the spilled oil, and Ouzinkie, the first Kodiak-area community to see the oil arrive. The documentary will compare the impact the spill has had on the use of intertidal resources in each community as well as the ongoing EVOS restoration efforts to help residents mitigate these impacts.		The Trustee Council has funded two videos on subsistence at another locality (Tatitlek). A similar video would be appropriate for Chenega Bay, where subsistence activities apparently have not recovered and which was the first community directly in the path of the spilled oil. The addition of Ouzinkie on Kodiak Island and comparing/contrasting community spill impacts will address a range of impact responses. Furthermore, use of intertidal resources is central to Aluutiq culture. Linkages to restoration are plausible. However, this project should receive lower priority than projects with stronger linkages to restoration objectives. Fund, lower priority.		Fund. This project, which is patterned after two previous video projects funded by the Trustee Council (96214/Harbor Seals and 98274/Herring), is designed to contribute to the restoration of intertidal resources and subsistence uses by transmitting local knowledge about these resources to the scientific community and others. A small amount of start-up funding was provided in FY 00 for preproduction activities. Actual production of the video will take place in FY 01.				

Exxon Valdez Oil Spill Trustee Council

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June 13, 2000

Richard Lanctot
USGS Alaska Biological Science Center
1011 E Tudor Rd
Anchorage, AK 99503

RE: Project 01555 / Can Stress Hormones be Used as an Indication of Food Availability and Reproductive Performance? An Experimental Approach

Dear Mr. Lanctot:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council fund Project 01555/Can Stress Hormones be Used as an Indication of Food Availability and Reproductive Performance? An Experimental Approach. I have enclosed a copy of my preliminary recommendation on this project, along with the Chief Scientist's recommendation on the project's technical merits. This recommendation is made for public review and may be revised before it is provided to the Trustee Council in early August.

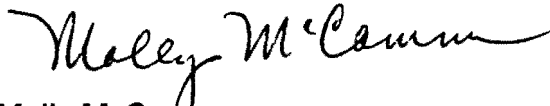
My preliminary recommendations on all proposals for funding in FY 01 have been incorporated into the Draft Work Plan, which will be available for public review on the Trustee Council's web page (www.oilspill.state.ak.us) June 15. If you would like a copy of the Draft Work Plan sent to you, please call or e-mail the Restoration Office:

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

Public comments will be accepted on the Draft Work Plan through July 19. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Council. Council action on the Work Plan is scheduled for August 3, 2000.

Thank you for your continuing interest in the *Exxon Valdez* restoration program. If you have any questions about this preliminary recommendation, please call me or Dede Bohn, the DOI-USGS liaison to the Trustee Council.

Sincerely,

A handwritten signature in black ink, reading "Molly McCardmon". The signature is fluid and cursive, with the first name "Molly" and last name "McCardmon" clearly distinguishable.

Molly McCardmon
Executive Director

Enclosure

cc: Dede Bohn, DOI-USGS Liaison

mm/pdb

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY01 Request	FY01 Recom.	FY02 Recom.	Total FY01-02
01555	Can Stress Hormones be Used as an Indication of Food Availability and Reproductive Performance? An Experimental Approach	R. Lanctot/USGS	DOI	New 1st yr. 1 yr. project	\$18.9	\$18.9	\$0.0	\$18.9
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Executive Director's Preliminary Recommendation</u>				
This project will complement and enhance Project /479, which is investigating how stress hormone levels (i.e., corticosterone) in adult seabirds relate to local food conditions and indicate the future reproductive health of a colony. This project will (a) test for differences in corticosterone levels between supplementally fed and unfed black-legged kittiwakes that are nesting at one colony, thereby removing any inherent environmental differences present when birds from two colonies are compared, (b) measure changes in corticosterone level in adults throughout the breeding season, (c) explore the effects of adult gender on corticosterone levels, and (d) evaluate how corticosterone levels relate to an individual's reproductive success and survival, as well as overall productivity of the colony. Funding will support analysis of plasma samples collected in 2000 and preparation of manuscripts.		This is an exciting new area of research that seeks to identify relationships between diet, physiological condition, and the productivity and abundance of various marine birds and mammals. Most of this work to date has been done in the field without controls. Thus, a project that can experimentally compare hormone titers between treatment groups with different food supplies will be useful. If the technique is validated, it will be a valuable tool to assess long-term monitoring strategies of marine birds (and mammals). Fund.		Fund. This project will complement ongoing Trustee Council work (Project /479) by investigating in more detail how baseline levels of corticosterone vary with food availability and breeding state, and whether corticosterone levels are predictive of future reproduction and overwinter survival.				

Exxon Valdez Oil Spill Trustee Council

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



June 13, 2000

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

RE: Project 01552 / Exchange Between Prince William Sound and the Gulf of Alaska

Dear ^{Shari} Dr. Vaughan:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council fund Project 01552/Exchange Between Prince William Sound and the Gulf of Alaska contingent on a revised Detailed Project Description and budget that (a) address the Chief Scientist's concerns, (b) reflect the elimination of the third cruise, and (c) provide the status of the manuscript promised in FY 00. I have enclosed a copy of my preliminary recommendation on this project, along with the Chief Scientist's recommendation on the project's technical merits. This recommendation is made for public review and may be revised before it is provided to the Trustee Council in early August.

The Restoration Office estimate of the overall budget for Project 01552 is \$100,600, including agency general administration. This number reflects deletion of the funds for the third cruise (\$14,500), consistent with the Detailed Project Description. The revised budget should be prepared on the standard detailed budget forms and submitted, along with the revised Detailed Project Description, to the Restoration Office, Attn: Sandra Schubert, by **July 7, 2000**. (Please submit three paper copies and an electronic copy of the DPD and budget.)

My preliminary recommendations on all proposals for funding in FY 01 have been incorporated into the Draft Work Plan, which will be available for public review on the

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Trustee Council's web page (www.oilspill.state.ak.us) June 15. If you would like a copy of the Draft Work Plan sent to you, please call or e-mail the Restoration Office:

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

Public comments will be accepted on the Draft Work Plan through July 19. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Council. Council action on the Work Plan is scheduled for August 3, 2000.

Thank you for your continuing interest in the *Exxon Valdez* restoration program. If you have questions about this preliminary recommendation, please call me or Bruce Wright, the NOAA liaison to the Trustee Council.

Sincerely,



Molly McCammon
Executive Director

Enclosure

cc: Bruce Wright, NOAA Liaison
Sharon Kent, NOAA Contracting

mm/pdb

SPREADSHEET B: EXECUTIVE DIRECTOR'S PRELIMINARY RECOMMENDATION / FY 01 DRAFT WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY01 Request	FY01 Recom.	FY02 Recom.	Total FY01-02
01552-BAA	Exchange Between Prince William Sound and the Gulf of Alaska	S. Vaughn/PWSSC	NOAA	Cont'd 2nd yr. 3 yr. project	\$115.1	\$100.6	\$100.6	\$201.2
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Executive Director's Preliminary Recommendation</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 Prince William Sound and the adjacent northern Gulf of Alaska at Hinchinbrook Entrance, and identify mechanisms governing this exchange. The project will deploy an upward looking ADCP mooring in Hinchinbrook Entrance to create time series of velocities spanning three years. The mooring will be equipped with a CTD to create a time series of deep temperature and salinity. To identify the dominant factors that govern Prince William Sound/Gulf of Alaska exchange, the mooring velocity and deep temperature/salinity time series will be combined with meteorological and physical data collected under other research programs already in progress.		This project is important to understanding the factors controlling the water circulation in Prince William Sound. It is well positioned to take advantage of the Gulf of Alaska GLOBEC programs if they are funded. The project does not propose to deploy the mooring until September. However, August might be the most important time for the exchange of deep water between the sound and the Gulf of Alaska. In addition, the principal investigator needs to report progress on identifying funding for a second mooring in Hinchinbrook Entrance. A storage site for data and the availability of data need to be clarified. Fund contingent on addressing above items.		Fund contingent on submittal and approval of a revised Detailed Project Description and budget that (a) address the Chief Scientist's concerns (timing of mooring deployment, status of second mooring, and storage and availability of data), (b) reflect the elimination of the third cruise, and (c) clarify the status of the manuscript promised in FY 00. This project continues data gathering and analysis from the Hinchinbrook Entrance buoy. This information is important to the Trustee Council's long-term research and monitoring program (GEM, Gulf Ecosystem Monitoring).				

Exxon Valdez Oil Spill Trustee Council

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June 13, 2000

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

RE: Project 01543 / Evaluation of Oil Remaining in the Intertidal from EVOS

Dear Mr. ~~Short~~

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council fund Phase 1 of Project 01543/Evaluation of Oil Remaining in the Intertidal from EVOS contingent on submittal of the Project 99195 report and the Project 00598 manuscript. I have enclosed a copy of my preliminary recommendation on this project, along with the Chief Scientist's recommendation on the project's technical merits. This recommendation is made for public review and may be revised before it is provided to the Trustee Council in early August.

Please note that funding for Phase 2 will be considered by the Council in December 2000 following satisfactory review of the sampling design developed in Phase 1. Also note that surveys outside of Prince William Sound are not anticipated.

My preliminary recommendations on all proposals for funding in FY 01 have been incorporated into the Draft Work Plan, which will be available for public review on the Trustee Council's web page (www.oilspill.state.ak.us) June 15. If you would like a copy of the Draft Work Plan sent to you, please call or e-mail the Restoration Office:

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

Public comments will be accepted on the Draft Work Plan through July 19. Following a review of the public comments, as well as comments from the Trustee Council's Public

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Alaska Department of Law

Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Council. Council action on the Work Plan is scheduled for August 3, 2000.

Thank you for your continuing interest in the *Exxon Valdez* restoration program. If you have questions about this preliminary recommendation, please call me or Bruce Wright, the NOAA liaison to the Trustee Council.

Sincerely,

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

Molly McCammon
Executive Director

Enclosure

cc: Bruce Wright, NOAA Liaison
Dede Bohn, DOI-USGS Liaison
Ken Holbrook, USFS Liaison
Carol Fries, ADNR Liaison
Marianne See, ADEC Liaison
Claudia Slater, ADF&G Liaison

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Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY01 Request	FY01 Recom.	FY02 Recom.	Total FY01-02
01543	Evaluation of Oil Remaining in the Intertidal from the <i>Exxon Valdez</i> Oil Spill	J. Short/NOAA	NOAA	New 1st yr. 2 yr. project	\$523.0	\$523.0	\$0.0	\$523.0
<u>Project Abstract</u>		<u>Chief Scientist's Recommendation</u>		<u>Executive Director's Preliminary Recommendation</u>				
This project will assess the amount of oil remaining from the oil spill on shorelines within (FY 01) and outside (FY 02) Prince William Sound. FY 01 funding will be requested in two phases. Phase 1 (\$23,000) will produce a final sampling design to be implemented in the spring of 2001 (Phase 2, \$500,000). Phase 2 will be presented for Trustee Council approval in December 2000. [NOTE: This project also requested funds (\$22,000) for FY 03.]		This is an extremely well reasoned proposal that addresses an important indicator of recovery from the oil spill. It is structured to provide the Trustee Council with an opportunity to carefully review the sampling plan prior to committing the large budget for sampling and analysis. Anadromous stream deltas should be considered as a fourth category for sampling. Careful consideration will need to be given to how precise an estimate of remaining oil is required, as the cost of sampling is directly related to the level of precision. Fund Phase 1 (\$23,000). Decision to proceed and level of funding for Phase 2 is dependent on satisfactory review of sampling design. Funding in the future for surveys outside of Prince William Sound is unlikely.		Fund Phase 1 (\$23,000), development of sampling design, for Prince William Sound only, contingent on submittal of Project 99195 report (due June 1, 2000). Defer decision on funding for Phase 2, shoreline survey and analysis/closeout costs, pending satisfactory review of the sampling design. The sampling design is to be submitted for Trustee Council approval in December 2000. Level of funding for Phase 2 will be determined at that time; the \$500,000 shown above is a placeholder. This project will conduct the Council's final assesment of the location, state, and amount of <i>Exxon Valdez</i> oil remaining on the shorelines of Prince William Sound. Sample site selection should consider the interests of local residents, take into account lingering injury, include sites previously found to have significant residual oil, and weigh cost effectiveness. 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



MEMORANDUM

TO: Community Involvement Facilitators

FROM: Molly McCammon
Executive Director

RE: Draft Work Plan for Fiscal Year 2001

DATE: June 13, 2000

Please find enclosed a copy of the Draft Work Plan for Fiscal Year 2001. The plan contains my preliminary recommendations on which projects should be funded next year to restore the resources and services injured by the oil spill. On August 3, the Trustee Council will decide which projects to fund. Their decision will be based on my recommendations, as well as on comments received on my recommendations.

For FY 2001, the Trustee Council set a target of \$6 million for the Work Plan. The target is lower than in FY 2000 and will decline again in FY 2002 when funding for the restoration program will rely solely on the Restoration Reserve. The Council received 113 proposals totaling more than \$13 million, so it will not be possible to fund all projects proposed. (Page 4 of the Draft Work Plan shows the funding targets for FY 1996 and on into the future.)

A list of projects designed to restore subsistence begins on page A-4 of the Draft Work Plan. In all, I am recommending that the Trustee Council fund, or further consider funding, 10 subsistence projects in FY 2001, which together amount to 12% of the proposed FY 2001 work plan (\$726,800 of the \$6 million recommended).

A public hearing on the Draft Work Plan will be held at 7:00 p.m. Wednesday, July 19. Please contact Paula Banks here at the Restoration Office (1-800-478-7745) if you would like to participate by teleconference. You can also mail or e-mail comments, or call me directly at any time. (The inside cover of the Draft Work Plan contains the necessary phone numbers and addresses.) The Restoration Office will accept public comments up until the Trustee Council meeting on August 3, but your comments will be most useful if they are received by July 19.

cc: Patty Brown-Schwalenberg, Chugach Regional Resources Commission

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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



June 12, 2000

Richard Delorenzo
Chugach School District
9312 Vanguard Dr, #100
Anchorage, Ak 99507

RE: Project 01210 / Youth Area Watch

Dear Mr. DeLorenzo:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council fund Project 01210/Youth Area Watch contingent on submittal and approval of a revised Detailed Project Description that provides more information on (a) the local projects underway in FY 00, (b) the EVOS projects that will be involved in FY 01, and (c) the web site. I have enclosed a copy of my preliminary recommendation on this project, along with the Chief Scientist's recommendation on the project's technical merits. This recommendation is made for public review and may be revised before it is provided to the Trustee Council in early August.

The revised Detailed Project Description should be submitted to the Restoration Office, Attn: Sandra Schubert, by **July 7, 2000**. Please submit three paper copies and an electronic copy.

My preliminary recommendations on all proposals for funding in FY 01 have been incorporated into the Draft Work Plan, which will be available for public review on the Trustee Council's web page (www.oilspill.state.ak.us) June 15. If you would like a copy of the Draft Work Plan sent to you, please call or e-mail the Restoration Office:

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

Public comments will be accepted on the Draft Work Plan through July 19. Following a review of the public comments, as well as comments from the Trustee Council's Public

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

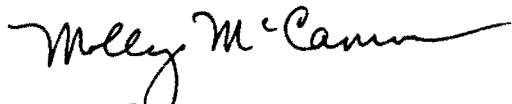
State Trustees

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

Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Council. Council action on the Work Plan is scheduled for August 3, 2000.

Thank you for your continuing interest in the *Exxon Valdez* restoration program. If you have questions about this preliminary recommendation, please call me or Claudia Slater, the Alaska Department of Fish and Game liaison to the Trustee Council.

Sincerely,

A handwritten signature in cursive script, reading "Molly McCammon".

Molly McCammon
Executive Director

Enclosure

cc: Claudia Slater, ADFG Liaison

mm/pdb

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY01 Request	FY01 Recom.	FY02 Recom.	Total FY01-02
01210	Youth Area Watch	R. DeLorenzo/Chugach School District	ADFG	Cont'd 6th yr. 7 yr. project	\$107.0	\$107.0	\$96.3	\$203.3

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 01 will be Tatitlek, Chenega Bay, Cordova, Nanwalek, Port Graham, Seldovia, Seward, Valdez, and Whittier.

Chief Scientist's Recommendation

This has been a model program in the past for involvement of local youth in the restoration program, and they have interacted well with the overall scientific program. There is a need, however, to review which projects will be involved with this program in FY 01. Fund contingent on revision of proposal to reflect progress to date, especially which local projects are underway in each community in FY 00 and documentation of the outcome of the student web site (including the web address), and an updated list of which restoration projects will be involved in FY 01.

Executive Director's Preliminary Recommendation

Fund contingent on submittal and approval of a revised Detailed Project Description that addresses the Chief Scientist's concerns (information on local projects, EVOS projects, and web site). This project involves local youth in restoration projects. In FY 01, youth in Chenega Bay, Cordova, Nanwalek, Port Graham, Seldovia, Seward, Tatitlek, Valdez, and Whittier will participate.