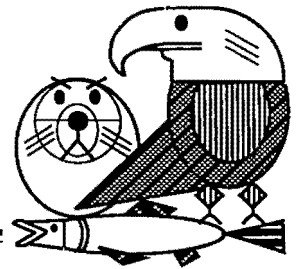


Exxon Valdez Oil Spill Trustee Council

Restoration Office

645 G Street, Suite 401, Anchorage, Alaska 99501-3451

Phone: (907) 278-8012 Fax: (907) 276-7178



June 29, 1995

Steve Ebbert and G. Vernon Byrd
Alaska Maritime National Wildlife Refuge
U.S. Fish and Wildlife Service
2355 Kachemak Bay Drive, Suite 101
Anchorage, Alaska 99603

Dear Messrs. Ebbert and Byrd:

This letter is to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council fund Project 96101, Removal of Introduced Foxes from Islands, only to close out your current project, 95041. Although your proposal was rated highly by the Chief Scientist (see below) and the Trustee Council has previously supported fox removal, my preliminary recommendation is to not fund removal of introduced foxes at Seguam Island in FY 96. The Trustee Council policy, as expressed in the Restoration Plan (November 1994), is to consider limited restoration actions outside the spill zone only "when the most effective restoration actions for an injured population are in a part of its range outside the spill area." Thus, although Project 96101 would address species that were injured by the oil spill, there is limited evidence (at best) indicating that the individuals are from the same populations.

My preliminary recommendation will be incorporated into the Draft FY 96 Work Plan, which will be circulated for public review very soon. The Draft Work Plan has not been reviewed or approved by the Trustee Council. The comment period on the draft closes on August 4. In addition to public comment on the draft, the proposed projects are being reviewed by legal staff to ensure consistency with the requirements of the civil settlement. Following review of any comments received and the Draft Work Plan as a whole, I will make a final recommendation in mid-August for action by the Trustee Council on or about August 25.

Peer Review Comments. The Chief Scientist's draft summary recommendation is as follows:

I have always supported fox removal as a highly effective but low cost restoration technique. One issue is that Seguam Island is far from the spill zone. Target species were injured by the spill, but would have to be justified on replacement/equivalent resource basis. Every opportunity to take concrete measures of program effectiveness should be used.

Trustee Agencies

State of Alaska: Departments of Fish & Game, Law, and Environmental Conservation
United States: National Oceanic and Atmospheric Administration, Departments of Agriculture and Interior

Budget Review Comments. Please submit a revised budget to cover the costs of writing a final report on 94/95041. The amount should be as low as is reasonable, not to exceed \$10,000.

Please submit a revised budget to the Restoration Office, Attn: Sandra Schubert by **July 14, 1995**. Thank you for your continued interest and participation in the *Exxon Valdez* restoration program.

Sincerely,

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

Molly McCammon
Executive Director

cc: Ms. Catherine Berg, USFWS
Dr. Robert Spies, Chief Scientist

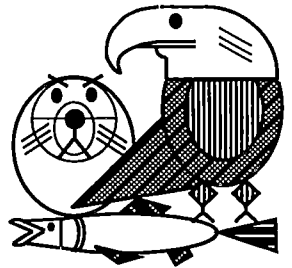
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Exxon Valdez Oil Spill Trustee Council

Restoration Office

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Phone: (907) 278-8012 Fax: (907) 276-7178



June 29, 1995

Steve Riedel
Native Village of Eyak
POB 1005
Cordova, Alaska 99574

Dear Steve:

I am pleased to inform you of my preliminary recommendation that the *Exxon Valdez* Trustee Council approve funding for Project 96220/Eastern Prince William Sound Wildstock Salmon Habitat Restoration.

My preliminary recommendation on Project 96220 will be incorporated into the Draft Work Plan, which will be circulated for public review very soon. The Draft Work Plan has not been reviewed or approved by the Trustee Council. The comment period on the draft closes on August 4, 1995. In addition to public comment on the draft, recommended projects are being reviewed by legal staff to ensure consistency with the requirements of the civil settlement. Following review of any comments received and the Draft Work Plan as a whole, I will make a final recommendation to the Trustee Council in mid-August. The Council is scheduled to make its decision on the Work Plan on or about August 25th.

Peer Review Comments. The Chief Scientist's draft recommendation follows:

Good community involvement. Compatible with Trustee Council guidelines on fish supplementation. Excellent technically.

Budget Review Comments. Please review the following budget review comments. If you believe budget reductions are appropriate, please submit a revised budget to the Restoration Office, Attn: Sandra Schubert by **July 14, 1995**. (An electronic copy of the budget is not needed.) If you believe that no reduction is appropriate, please provide a written explanation by that date.

Personnel Costs. It is unclear why a survey leader is budgeted for six months, when the DPD indicates that the actual surveys are scheduled for two months. Please review this budget item for a possible reduction. An explanation of the responsibilities of the survey leader would be useful.

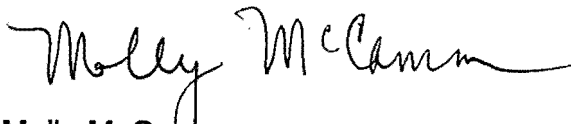
Trustee Agencies

State of Alaska: Departments of Fish & Game, Law, and Environmental Conservation
United States: National Oceanic and Atmospheric Administration, Departments of Agriculture and Interior

Other. Project 96220 was submitted under the Broad Agency Announcement (BAA). However, use of the BAA is limited to monitoring and research projects. Because Project 96220 is a direct restoration project, rather than either monitoring or research, it is not eligible to be funded through the BAA process. The Trustee Council is not able to grant funds directly to non-agency proposers, but rather must channel all funds through one of the six trustee agencies. The trustee agencies are then required to follow state or federal procurement and contracting rules, which generally require that funds to non-agency proposers be awarded through a competitive process. There are exceptions to the requirement for competition, and these are currently being pursued by my staff and the USFS in regard to Project 96220. At this time, I am not able to say whether the funds for this project would come directly to the Native Village of Eyak or not, but I will keep you informed as we work this out.

Thank you for your continuing interest in the *Exxon Valdez* restoration program.

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

cc: Dr. Dave Gibbons, USFS
Dr. Robert Spies, Chief Scientist

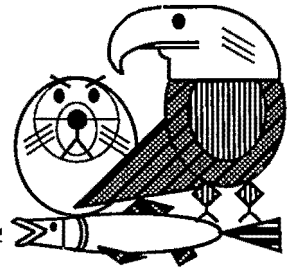
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Exxon Valdez Oil Spill Trustee Council

Restoration Office

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Phone: (907) 278-8012 Fax: (907) 276-7178



June 29, 1995

Christopher Kennedy, Ph. D.
Department of Biological Sciences
Simon Fraser University
Burnaby, BC Canada V5A 1S6

Dear Dr. Kennedy:

The purpose of this letter is to inform you of my preliminary recommendation that the *Exxon Valdez* Trustee Council defer its decision on funding Project 96162/Investigations of Disease Factors Affecting Declines of Pacific Herring Populations in Prince William Sound until a review of the results of the FY 95 field season.

My recommendation will be incorporated into the Draft FY 96 Work Plan, which will be circulated for public review very soon. The Draft Work Plan has not been reviewed or approved by the Trustee Council. The comment period on the draft closes on August 4. Recommended projects are also being reviewed by legal staff to ensure consistency with the requirements of the civil settlement. Following a review of comments received and the Draft Work Plan as a whole, I will make a final recommendation to the Trustee Council in mid-August. The Trustee Council is scheduled to make its decision on the Work Plan on or about August 25. If the Trustee Council supports my recommendation, I expect them to defer until December their decision to fund Project 96162.

Peer Review Comments. The Chief Scientist's draft recommendation on Project 96162 is as follows:

This proposal is quite innovative, but the feasibility of developing disease-free herring is a substantial risk. The underlying rationale that links oil to compromised immuno-competence and then to disease is weakly developed. The proposal also seems to be a significant expansion of the '95 project (95320S). I need to have a clearer sense of what funds are requested to address the original ('95) objectives. I would also need to see the results from the natal habitats and prey-switching components of SEA before considering an expanded project. This project and its role in the overall herring program will benefit from the enhanced leadership and coordination proposed in Project 96164.

Trustee Agencies

State of Alaska: Departments of Fish & Game, Law, and Environmental Conservation
United States: National Oceanic and Atmospheric Administration, Departments of Agriculture and Interior

Budget Considerations. If you believe that some funding will be required to continue the project until December, please prepare a detailed budget justifying an interim budget request.

If you have questions about the peer review or budget review comments, please contact Dr. Joe Sullivan, the ADF&G liaison. If interim funds are required, please submit a detailed budget request to the Restoration Office, Attn. Sandra Schubert, by **July 14, 1995**. An electronic copy of the interim funding request is not needed.

Thank you for your continuing interest in the *Exxon Valdez* restoration program.

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

cc: Dr. Joe Sullivan, ADF&G
Dr. Robert Spies, Chief Scientist

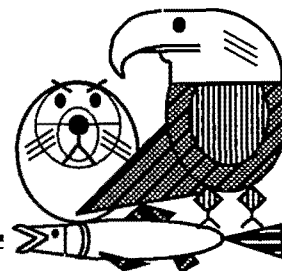
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Exxon Valdez Oil Spill Trustee Council

Restoration Office

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Phone: (907) 278-8012 Fax: (907) 276-7178



June 29, 1995

Marilyn Dahlheim
NMFS-NMML
7600 Sand Point Way N.E., Building 4
Seattle, Washington 98115

Dear *Marilyn* Dr. Dahlheim:

This letter is to inform you of my preliminary recommendation that the *Exxon Valdez* Trustee Council not fund Project 96012B/Impact of Killer Whale Predation on the Recovery of Injured Resources in Prince William Sound. My recommendation is based largely on concerns raised by the Chief Scientist.

The Chief Scientist's draft recommendation on Project 96012B is as follows:

This proposal would determine the trophic linkages between killer whales and their prey using two tracer methods: Stable Isotope Analysis and Free Fatty Acid Ratios. Unpublished results from British Columbia indicate that resident and transitory types of whales can be discriminated easily on the basis of differences in the ratios of two fatty acids. The rate of killer whale predation on various species will not be able to be determined from this approach, as the project title implies. This proposal does not display a familiarity with the methods that convinces the reviewer that the PI can interpret the results. The samples would be collected by the other killer whale project and analyzed by a contracting laboratory. Further, the project is very expensive for the remaining work. There are also discrepancies in sample numbers proposed for '95 and '96 efforts. On these bases, the project is not recommended for funding in 1996.

If you have questions about the peer review comments, please contact Dr. Byron Morris (ph. 789-6600), the liaison for the National Oceanic and Atmospheric Administration, which is the lead trustee agency for this project.

My recommendation will be incorporated into the Draft Work Plan, which will be circulated for public review very soon. The Draft Work Plan has not been reviewed or approved by the Trustee Council. The comment period on the draft closes on August 4. Following a review of comments received and a review of the Draft Work Plan as a

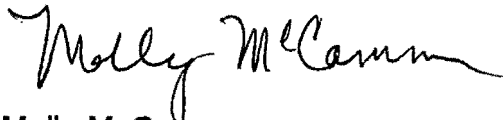
Trustee Agencies

State of Alaska: Departments of Fish & Game, Law, and Environmental Conservation
United States: National Oceanic and Atmospheric Administration, Departments of Agriculture and Interior

whole, I will make a final recommendation to the Trustee Council in mid-August. The Trustee Council is scheduled to make its decision on the Work Plan on or about August 25.

Thank you for your continuing interest in the *Exxon Valdez* restoration program.

Sincerely,

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

Molly McCammon
Executive Director

cc: Dr. Byron Morris, NOAA
Dr. Robert Spies, Chief Scientist

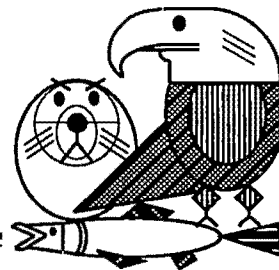
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Exxon Valdez Oil Spill Trustee Council

Restoration Office

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Phone: (907) 278-8012 Fax: (907) 276-7178



June 29, 1995

David Scheel
Prince William Sound Science Center
POB 705
Cordova, Alaska 99574

Dear David:

This letter is to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council defer a decision on funding Project 96009D in FY 96 until the results of the 1995 field season are reviewed. At that time, a decision will be made to fund either close-out or continuation of the project.

My preliminary recommendation will be incorporated into the Draft FY 96 Work Plan, which will be circulated for public review very soon. The Draft Work Plan has not been reviewed or approved by the Trustee Council. The comment period on the draft closes on August 4. In addition to public comment on the draft, the proposed projects are being reviewed by legal staff to ensure consistency with the requirements of the civil settlement. Following review of any comments received and the Draft Work Plan as a whole, I will make a final recommendation in mid-August for action by the Trustee Council on or about August 25.

Peer Review Comments. The Chief Scientist's draft recommendation follows:

Defer decision until results of FY 95 field season available.

Budget Review Comments. The budget will need to be reviewed if there is a decision to recommend funding this project in the fall.

If you have questions about my preliminary recommendation, please contact Stan Senner, Science Coordinator here at the Restoration Office. Thank you for your continued interest in the *Exxon Valdez* restoration program.

Sincerely,

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

Molly McCammon
Executive Director

cc: Dr. Byron Morris, NOAA
Dr. Robert Spies, Chief Scientist
Heidi Sickles, NOAA

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Trustee Agencies

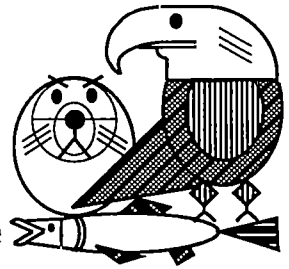
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Exxon Valdez Oil Spill Trustee Council

Restoration Office

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Phone: (907) 278-8012 Fax: (907) 276-7178



June 29, 1995

Robert Hines, Deputy Mayor
City of Port Lions, Administrative Offices
POB 110
Port Lions, Alaska 99550

Dear Mr. Hines:

This letter is to inform you of my preliminary recommendation that the *Exxon Valdez* Trustee Council not fund Project 96202/Port Lions Community Hall. The civil settlement with Exxon Corporation limits uses of restoration funds to "restoring, replacing, enhancing or acquiring the equivalent of natural resources injured as a result of the oil spill or the lost or reduced services provided by such resources." As I read your proposal, I do not see any link between the community hall and the restoration of an injured natural resource. I therefore believe Project 96202 to be ineligible for funding by the Trustee Council.

My preliminary recommendation will be incorporated into the Draft Work Plan, which will be circulated for public review very soon. The Draft Work Plan has not been reviewed or approved by the Trustee Council. The comment period on the draft closes on August 4. Recommended projects are also being reviewed by legal staff to ensure consistency with the requirements of the civil settlement. Following a review of any comments received and the Draft Work Plan as a whole, I will make a final recommendation to the Trustee Council in mid-August. The Trustee Council is scheduled to make its decision on the Work Plan on or about August 25.

If you have any questions about my preliminary recommendation or would like to discuss it further, feel free to contact Stan Senner, Science Coordinator here at the Restoration Office. Thank you for your interest in the *Exxon Valdez* restoration program.

Sincerely,

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

Molly McCammon
Executive Director

cc: Dr. Joe Sullivan, ADF&G
Dr. Robert Spies, Chief Scientist

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Trustee Agencies

State of Alaska: Departments of Fish & Game, Law, and Environmental Conservation

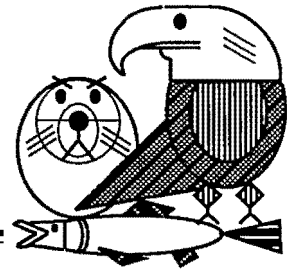
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June 29, 1995

Igor Appel, Senior Scientist
Fairweather Marine Services
POB 103296
Anchorage, Alaska 99510

Dear Igor:

This letter is to inform you of my preliminary recommendation that the *Exxon Valdez* Trustee Council not fund Project 96155/Prince William Sound Information Service, because it would duplicate work already ongoing under another Trustee Council-funded project. In FY 95, the Trustee Council initiated a multi-year effort to develop an interactive, multi-media computer program and geographic database to allow scientists, managers, and the general public access to the information developed through the restoration effort. I expect this data management effort to continue into fiscal year 1996 as part of Project 96100.

My preliminary recommendation will be incorporated into the Draft Work Plan, which will be circulated for public review later this month. The Draft Work Plan has not been reviewed or approved by the Trustee Council. The comment period on the draft closes on August 4. Recommended projects are also being reviewed by legal staff to ensure consistency with the requirements of the civil settlement. I will make a final recommendation to the Trustee Council in mid-August. The Trustee Council is scheduled to make its decision on the Work Plan on or about August 25.

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

Sincerely,

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

Molly McCammon
Executive Director

cc: Dr. Robert Spies, Chief Scientist
Carol Fries, ADNR
Veronica Christman, ADNR

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Trustee Agencies

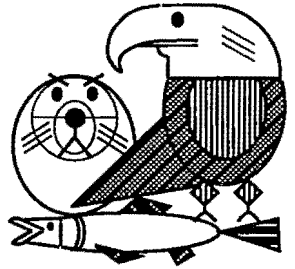
State of Alaska: Departments of Fish & Game, Law, and Environmental Conservation
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June 29, 1995

William A. Alter III, Ph. D.
PES
POB 680488
San Antonio, Texas 78268

Dear Dr. Alter:

This letter is to inform you of my preliminary recommendation that the *Exxon Valdez* Trustee Council not fund Project 96109-BAA/Decontamination and Restoration Process for Oil-Impacted Mussel Beds at this time. The Chief Scientist's draft recommendation on the project is as follows:

Clean-up of oiled mussel beds may or may not be a high priority following completion of Project 96090 [Mussel Bed Restoration and Monitoring]. Once the Trustees have a final report on this project, we can assess the need for further work or alternative approaches.

My preliminary recommendation will be incorporated into the Draft Work Plan, which will be circulated for public review in the next few days. The Draft Work Plan has not been reviewed or approved by the Trustee Council. The comment period on the draft closes on August 4. I will make a final recommendation to the Trustee Council in mid-August. The Trustee Council is scheduled to make its decision on the Work Plan on or about August 25.

If you would like more information on my preliminary recommendation or the Chief Scientist's comments, please feel free to contact Stan Senner, Science Coordinator here at the Restoration Office. Thank you for your interest in the *Exxon Valdez* restoration program.

Sincerely,

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

Molly McCammon
Executive Director

cc: Dr. Byron Morris, NOAA
Dr. Robert Spies, Chief Scientist
Heidi Sickles, NOAA

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Trustee Agencies

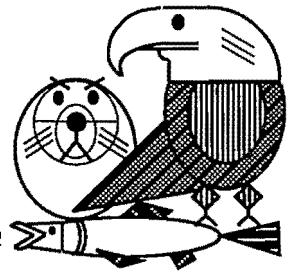
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June 29, 1995

David Werner
POB 1092
Cordova, Alaska 99574

Dear Mr. Werner:

This letter is to inform you of my preliminary recommendation that the *Exxon Valdez* Trustee Council not fund Project 96056/Sea Otter Transplantation and Clam Restoration, based primarily on the scientific peer review of the proposal's technical feasibility. The Chief Scientist's draft recommendation is as follows:

The mobility of sea otters makes the technical approach infeasible. Efforts by the California Department of Fish and Game found that some transplanted sea otters would travel 100 miles in a week to return to their original location.

My preliminary recommendation will be incorporated into the Draft Work Plan, which will be circulated for public review in the next few days. The Draft Work Plan has not been reviewed or approved by the Trustee Council. The comment period on the draft closes on August 4. I will make a final recommendation to the Trustee Council in mid-August. The Trustee Council is scheduled to make its decision on the Work Plan on or about August 25.

If you would like more information on my preliminary recommendation or the Chief Scientist's comments, please feel free to contact Stan Senner, Science Coordinator here at the Restoration Office. Thank you for your interest in the *Exxon Valdez* restoration program.

Sincerely,

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

Molly McCommon
Executive Director

cc: Ms. Catherine Berg, USFWS/DOI
Dr. Robert Spies, Chief Scientist

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Trustee Agencies

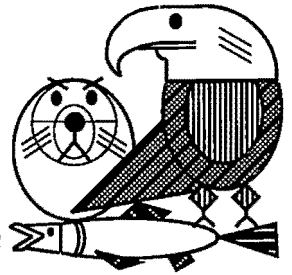
State of Alaska: Departments of Fish & Game, Law, and Environmental Conservation
United States: National Oceanic and Atmospheric Administration, Departments of Agriculture and Interior

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June 29, 1995

Michael Stekoll
School of Fisheries and Ocean Sciences
University of Alaska
11120 Glacier Highway
Juneau, Alaska 99801

Dear Mike:

This letter is to inform you of my preliminary recommendation that the *Exxon Valdez* Trustee Council not fund Project 96088/Fucus as Structure for Other Organisms. Based on the limited amount of funding available each year to the Trustee Council for research and monitoring projects, Project 96088 is considered a lower priority than other coastal habitat work at this time. The Chief Scientist's draft recommendation on the project is as follows:

This project poses many of the same questions that have been asked in the Herring Bay intertidal studies for the previous five years. This upper intertidal system might be appropriate for work in the future with new questions, possibly in response to an RFP.

My preliminary recommendation will be incorporated into the Draft Work Plan, which will be circulated for public review in the next few days. The Draft Work Plan has not been reviewed or approved by the Trustee Council. The comment period on the draft closes on August 4. Recommended projects are also being reviewed by legal staff to ensure consistency with the requirements of the civil settlement. I will make a final recommendation to the Trustee Council in mid-August. The Trustee Council is scheduled to make its decision on the Work Plan on or about August 25.

If you would like more information on my preliminary recommendation or the Chief Scientist's comments, please feel free to contact Stan Senner, Science Coordinator here at the Restoration Office. Thank you for your interest in the *Exxon Valdez* restoration program.

Sincerely,

Molly McCammon
Executive Director

cc: Dr. Joe Sullivan, ADF&G
Dr. Robert Spies, Chief Scientist

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Trustee Agencies

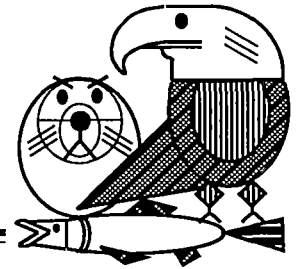
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June 29, 1995

Richard A. Knecht
Alutiiq Museum and Archaeological Repository
215 Mission Road
Kodiak, Alaska 99615

Dear Rick:

This letter is to inform you of my preliminary recommendation that the *Exxon Valdez* Trustee Council not fund Project 96150/Expansion of the Alutiiq Archaeological Repository. The proposal should be addressed through the regional planning effort proposed in Project 96154. My preliminary recommendation on Project 96154 is that representatives of spill-affected communities, museums in the spill area, the University of Alaska, and other affected parties meet to evaluate the need for additional archaeological repositories in the spill area and to develop an approach to a regional planning effort. I hope that you will be able to participate in such a preplanning meeting.

My preliminary recommendation will be incorporated into the Draft Work Plan, which will be circulated for public review very soon. The Draft Work Plan has not been reviewed or approved by the Trustee Council. The comment period on the draft closes on August 4. Recommended projects are also being reviewed by legal staff to ensure consistency with the requirements of the civil settlement. I will make a final recommendation to the Trustee Council in mid-August. The Trustee Council is scheduled to make its decision on the Work Plan on or about August 25.

For your information, the Chief Scientist's draft recommendation on Project 96150 is as follows:

Needs to be considered in regional context before there is justification for expansion of this facility.

Trustee Agencies

State of Alaska: Departments of Fish & Game, Law, and Environmental Conservation
United States: National Oceanic and Atmospheric Administration, Departments of Agriculture and Interior

Thank you for your continuing interest in the *Exxon Valdez* restoration program.

Sincerely,

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

Molly McCammon
Executive Director

cc: Dr. Robert Spies, Chief Scientist
Carol Fries, ADNR
Veronica Christman, ADNR

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Exxon Valdez Oil Spill Trustee Council

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June 29, 1995

Ms. Margaret L. Roberts
President, Kodiak Tribal Council
POB 1974
Kodiak, Alaska 99619

Dr. John S. French
University of Alaska Fairbanks
900 Trident Way
Kodiak, Alaska 99619

Dear Ms. Roberts and Dr. French:

This letter is to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council defer a decision on funding Project 96212/Restoration of Subsistence Shellfish Consumption: PSP Screening Program until the questions raised in the scientific peer review are satisfactorily answered. The Chief Scientist's technical comments and questions are attached. Please provide a written response to the questions directly to Dr. Spies, with a copy to the Restoration Office, Attn: Sandra Schubert, by **July 14, 1995**.

My preliminary recommendation will be incorporated into the Draft FY 96 Work Plan, which will be circulated for public review very soon. The Draft Work Plan has not been reviewed or approved by the Trustee Council. The comment period on the draft closes on August 4. In addition to public comment on the draft, the proposed projects are being reviewed by legal staff to ensure consistency with the requirements of the civil settlement. Following review of any comments received and the Draft Work Plan as a whole, I will make a final recommendation in mid-August for action by the Trustee Council on or about August 25.

Thank you for your continued interest and participation in the *Exxon Valdez* restoration program.

Sincerely,

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

Molly McCammon
Executive Director

cc: Ernie Piper, ADEC
Dr. Robert Spies, Chief Scientist

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Trustee Agencies

State of Alaska: Departments of Fish & Game, Law, and Environmental Conservation
United States: National Oceanic and Atmospheric Administration, Departments of Agriculture and Interior

A P P L I E D

marine

S C I E N C E S
Ms. Margaret L. Roberts
President, Kodiak Tribal Council
PO Box 1974
Kodiak, Alaska 99619

June 20, 1995

Dr. John S. French
University of Alaska Fairbanks
900 Trident Way
Kodiak, Alaska 99619

Dear Ms. Roberts and Dr. French,

Thank you for your proposal "Restoration of subsistence shellfish consumption: A PSP screening program" (96212). A review was recently completed on a revised version (5/22/95) of the proposal.

The technical comments were as follows:

This proposal by the Kodiak Tribal Council, in cooperation with the Fisheries Industrial Technology Center (FITC), would establish a network of trained local residents to sample and ship samples of shellfish to the FITC on Kodiak Island for testing for paralytic shellfish poisoning (PSP) by a new method. The new method would be developed by the FITC during the course of the proposed work. There would be a period of overlap between the standard mouse bioassay and the new bioassay method. Last year a dozen or more people on Kodiak Island were stricken by PSP and one person died from eating contaminated shellfish. Per capita shellfish consumption can approach 30 lb./year on Kodiak Island.

Currently, there is a program of sampling and testing of lots of commercial shellfish at an Alaska Department of Environmental Conservation (DEC) laboratory using a standard bioassay. Samples are shipped to the Palmer laboratory for the mouse bioassay and results are not generally available for a week. If the new method is developed and approved (It is unclear which state or federal regulatory agencies must approve the new assay), then the period from sampling to knowing the test results might be several days in months where PSP is a threat. The authors did a good job of describing the available alternatives for a rapid screening method and settled on a new approach involving a combination of thin layer chromatography and flame ionization detection. Assay development will involve chemical isolation of the saxotoxins (there about a dozen forms) in a rough fraction and adjusting thin-layer chromatography conditions for optimal detection, presumably through the use of standards of the target compounds. This appears to be a good



combination of local scientific expertise and local involvement to solve a significant problem.

However a number of questions were unanswered in the proposal:

1. Are there saxotoxin standards available for all the forms of the saxotoxins ?
2. Assay development is often a difficult process where unknown technical problems cannot necessarily be solved in a predictable time. In addition, if there is a new assay upon which people's lives may depend, there must be some government agency or agencies that must approve the assay. This would seem to imply even more time. In view of the lengthy time it may take to have a workable approved assay, it would seem inefficient to have seven paid volunteers in the field collecting samples that may either not be analyzed by the new assay until after development or may be analyzed only by the Palmer laboratory, in which case time delays that are currently experienced will also occur.
3. There was no indication in the proposal that DEC has agreed to do the extra testing necessary to validate the new assay against the standard PSP mouse assay, or that they would do all the testing of the lots of shellfish the network of local trainees collect before the new assay is approved.
4. The Trustee Council often sponsors new work that has the potential to improve management of resources injured by the spill. Once new results are available that actually can improve management, it is desirable to have some other source of funds for continuing the new management methods. In this case, subsistence use of resources has been affected by the spill and this proposal would help restore confidence in the resources. No agency or group was identified who would commit to support this program at the end of what could only be short-term Trustee Council funding. Do you have any expressions of commitment for long-term funding by a government agency ?

In view of these significant questions I must recommend that we defer any decision on funding this proposal at this time. I hope that you will stay interested in the Oil Spill Restoration Program.

Sincerely,



Robert B. Spies
Chief Scientist

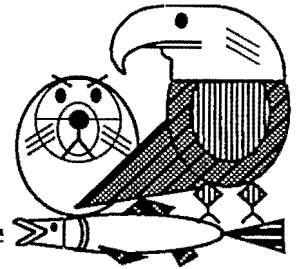
CC: M. McCammon
S. Senner
J. Sullivan

Exxon Valdez Oil Spill Trustee Council

Restoration Office

645 G Street, Suite 401, Anchorage, Alaska 99501-3451

Phone: (907) 278-8012 Fax: (907) 276-7178



June 29, 1995

Dr. Ted Cooney, SEA Lead Scientist
Institute of Marine Science
University of Alaska Fairbanks
Box 757220
Fairbanks, Alaska 99775-7220

Dear Dr. Cooney,

This letter is to inform you of my preliminary recommendation that the Exxon Valdez Trustee Council approve funding for Project 96320/Sound Ecosystem Assessment (SEA) Program, at a continuation level of \$4.6 million for the program in its entirety, inclusive of all agency Program Management and General Administration costs, as well as contractor indirect costs. This is the same level of funding approved in FY 95. For purposes of additional SEA planning, agency-related program management/general administration costs can be estimated at \$300,000, a level that is also comparable to the funds budgeted in FY 95.

Because of the importance of the SEA program and our past discussions about the appropriate level of funding for SEA, I want to put this preliminary recommendation for continuation level funding into the larger restoration program context. In May 1995, the Trustee Council received 122 proposals that totaled almost \$35 million in funding requests for FY 96. After analyzing the entire range of restoration needs for FY 96, taking into account the Trustee Council's commitments to habitat protection and the Restoration Reserve as integral parts of the restoration program, and recognizing the need to budget a sustainable annual work effort, my preliminary recommendation is that approximately \$18 million be budgeted for research, monitoring and general restoration projects in FY 96.

The \$4.6 million level of funding recommended for the SEA program would account for fully one quarter of this recommended FY 96 program effort. The \$4.6 million budget level is also consistent with the estimate of FY 96 funding presented in the *Invitation to Submit Restoration Projects for FY 96* in March 1995. Further, when considered together with other FY 96 project recommendations, pink salmon and herring projects are likely to account for about half of the total recommended FY 96 effort. While \$4.6 million is below

Trustee Agencies

State of Alaska: Departments of Fish & Game, Law, and Environmental Conservation
United States: National Oceanic and Atmospheric Administration, Departments of Agriculture and Interior

the \$4.78 million total (exclusive of agency Program Management/General Administration) proposed by SEA for FY 96, my recommendation reflects strong support for SEA. This recommendation also recognizes the importance of restoring pink salmon and herring resources and the key role they play in the recovery of associated commercial fishing and subsistence services.

Draft FY 96 Work Plan. My preliminary recommendation will be incorporated into the *Draft FY 96 Work Plan* that will be circulated for public review later this month. A copy of that document will be provided to you under separate copy. The draft work plan has not yet been approved by the Trustee Council and a public comment period on the Draft Work Plan will extend until August 4. All projects that have been recommended for funding are also still being reviewed by the Trustee Council's legal counsel to ensure consistency with the requirements of the civil settlement. Following the review of comments received on the Draft Work Plan, I will make a final recommendation in time for final action by the Trustee Council on or about August 25.

Peer Review Comments. As you know, the SEA program has been the subject of a number of technical and scientific peer review sessions over the past two years. The Chief Scientist's overall draft recommendation on Project 96320/SEA Program is as follows:

Project helps provide the larger context of ecosystem structure under which restoration must be considered to be effective, and is likely to contribute valuable information for the management of salmon and herring in Prince William Sound. A review workshop should be held after the first of the year, at which time we would expect a substantial review of the first two years' work.

In addition to this overall review, there were specific peer review comments concerning each of three new sub-projects proposed in FY 96 (i.e., 96320R, 96320Z(1), and 96320Z(2)). Project 96320R is essentially a result of an internal reorganization of work previously performed under 95320J and 95320G. Projects 96320Z(1) and 96320Z(2) are proposals that address issues pertaining to internal SEA program management and communications. The Chief Scientist's draft recommendations on these three sub-projects are as follows:

96320R/Trophodynamic Modeling and Remote Sensing: This reorganization of the SEA program seems logical and effective. This work is central to the development of an understanding of controls of year to year variation in recruitment success of fish in Prince William Sound.

96320Z(1)/*Synthesis and Integration*: Necessary for effective program management, although cost for administrative support seems high.

96320Z(2)/*SEA Coordination and Communications*: The project seems less focused upon incorporating Native knowledge and more on institutional communications about the SEA program for the Prince William Sound Science Center. The Principal Investigator is well qualified and dedicated, but the need to be addressed is best done by the Restoration Office for the entire Restoration Program. (See also the 6/23/95 letter from Spies to Seitz. Attachment A.)

FY 96 SEA Program Funding Recommendation. The \$4.6 million funding recommendation for FY 96 is intended to reflect total SEA program costs, inclusive of Trustee agency Program Management and General Administration as well as contractor Indirect costs (i.e., for the University of Alaska, PWSSC, and PWSAC). This is the same as it was in FY 95.

As was the case last year, contractor Indirect costs (for the University of Alaska, PWSSC, and PWSAC) are to be addressed through the BAA/contract or RSA negotiation process. You should note that an agreement has been reached between the Trustee Council and the University of Alaska on a standard Indirect rate of 25%, as modified by subcontracts and equipment.

- *Agency Program Management/General Administration*: The need to accommodate agency related costs (Program Management and General Administration) within the total SEA budget was recognized prior to the FY 96 SEA submission in your 4/13/95 correspondence to the Restoration Office. ("SEA understands that we will have to dig deeper to cover General Administration and Program Management costs, but for lack of time, we need to do this after the review ...")

For FY 96, based on preliminary review of the 15 SEA subprojects presented in the May submission, an agency-related program Management and General Administration budget of approximately \$300,000 (6.5% of the \$4.6 million budget) has been developed for ADFG, NOAA and USFS. Again, this is also essentially the same as the agency Program Management and General Administration funding level budgeted in FY 95.¹

¹ In FY 95, for the 13 SEA program subprojects, total agency Program Management and General Administration costs were budgeted at \$267,000 (5.8% of SEA program costs). For FY 96, estimated Program Management costs were developed using an estimated cost of approximately \$6,000 per SEA subproject. General Administration costs were estimated using the Trustee Council Financial Operating Procedures (for contractual costs/line 300, 7% of the first \$250,000 and 2% thereafter plus 15% of personnel costs/line 100).

- *Contractor Indirect:* With regard to contractor Indirect (for the University, PWSSC, and PWSAC) these costs are to be negotiated through the BAA/contract or RSA process, although it should be noted that the University of Alaska and the Trustee Council have agreed, in the case of sole source contracts or Reimbursable Service Agreements (RSAs), to use a standard indirect cost rate of 25% of total direct costs (TDC). TDC includes all direct costs except equipment for which ownership resides with the University and subcontract costs in excess of \$25,000. Subcontract costs in excess of \$25,000 but less than \$250,000 shall be subject to an indirect cost charge of 5 percent; subcontract costs in excess of \$250,000 shall be subject to an indirect charge of 2 percent.

It should also be noted that as a result of the proposed change in the funding mechanism for the PWSSC (i.e., from ADF&G RSA to NOAA BAA), it is anticipated that the report writing costs associated with the PWSSC's FY 95 project work will be addressed through an amendment to the existing RSA. This would be done apart from the FY 96 project budget and not affect the \$4.6 million recommendation.

Specific Budget Review Comments. As you know, detailed project budgets for the 15 FY 96 SEA subprojects were prepared when there was limited time available due to field season preparations. One result was to limit the detail provided. As the program is reexamined, I encourage you to review the budgets of all subprojects to satisfy yourself that each represents the most cost-effective use of funds. Comments regarding specific line-item requests for the various SEA subprojects are enclosed. (Attachment B.) Additional information or questions concerning specific budget items can be directed to Joe Sullivan/ADFG (267-2213, on leave until July 11), Dean Hughes/ADFG (267-2207), or Traci Cramer (586-7238, on leave until July 17).


Other Program Review Comments: In the most recent Chief Scientist review memorandum concerning the SEA program, a number of key issues were identified. (Spies to McCammon 5/16/95. Attachment C.) In particular, this review highlighted a concern regarding the hydroacoustics program within SEA (320-N): "... the analysis of the hydroacoustic data is taking longer than anticipated [and that] the hydroacoustic program may be collecting more data than can be processed in a reasonable time. ... [In the first annual] 1994 report for the SEA program... projects 94320-A and 94320-E could not achieve all their objectives because data from 94320-N were not available." The modeling program is also dependent upon receiving information from the hydroacoustics program and, as indicated by the review, if the hydroacoustics data "... lags further and further behind it could adversely impact the entire SEA program." This was a concern highlighted in the hydroacoustics workshop review memo (dated 4/24/95, recommendation #6) and the Chief Scientist is anxious for your analysis of this concern as it relates to on-going modeling efforts as well as to the proposed field season for 1996.

Further SEA Program Planning. As indicated in your recent memo to me dated 6/13/95, a lower SEA budget will require a reassessment of the program effort, perhaps even the elimination of certain elements. Although there will inevitably be conflicts with field commitments, it is important that program and/or budget revisions be developed in the near future. In the case of other FY 96 project proposals, we have asked that revisions to detailed project descriptions and budgets be made by July 14.

I would like to know your thoughts regarding a schedule for further development of the FY 96 program effort. Please know that I appreciate that this is not a simple matter, nor one that can be addressed without the involvement of the various SEA program Principal Investigators. I also urge you to consult with the Chief Scientist and Joe Sullivan as you proceed. I plan to meet with the Chief Scientist and the Restoration Work Force to develop a final FY 96 work plan recommendation on August 10th and will need a revised proposal that can be reviewed prior to that time in order to present a final recommendation to the Trustee Council by August 25.

Finally, please know that I recognize the value of the SEA Program and commend the work that has been conducted to date. The transition from a substantially field-based effort to one focused on modeling, model validation and index site monitoring will be difficult and your leadership on the project has been excellent. I look forward to your continued guidance regarding the best way to manage the SEA program so that it can effectively contribute to the Trustee Council's restoration mission.

Sincerely,



Molly McCammon
Executive Director

attachments

cc: Joe Sullivan
Byron Morris
Dave Gibbons
Bill Hauser
Bruce Wright
Bob Spies
Andy Gunther
Traci Cramer
Stan Senner

A P P L I E D

marine

S C I E N C E S

Attachment A

June 23, 1995

Ms. Jody Seitz
PWS Sound Science Center
PO Box 705
Cordova, Alaska 99501

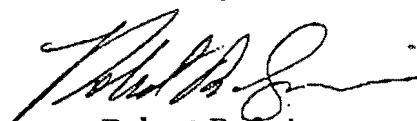
Dear Ms. Seitz,

Thank you for your letter of June 6, 1995 regarding your proposal 96320Z(2). You make many excellent points about the fine service that you have provided and could provide to facilitate direct communications with local area residents, the news media and the scientific programs at the Science Center sponsored by the Trustee Council. You appear to be doing a good job presently in these areas.

The Restoration Office considers public information and relations for the scientific program very important aspects of the Trustee Council effort. The problems with the proposal relate more to how the effort at the Prince William Sound Science Center fits into the overall plan for information exchange between the Restoration Office and local residents and the scope of the information that you provide. The Restoration Office needs to communicate to local residents on a wide variety of issues and programs that go beyond the SEA program at the PWSSC and these interactions will appear to be best facilitated through the community interaction project (96052A). This project will also provide more opportunity to incorporate local knowledge into the broader scientific program. So in an attempt to avoid duplication of effort, the broader scale effort appears to be most appropriate for Trustee Council support. There is also a sense that communications and outreach are needs that each of our participating agencies have, and that the Trustee Council cannot begin to provide such support for multiple institutions. The Science Center of course could choose to fund a public relations effort out of its indirect cost portion of its overhead that would include the SEA program as well as other PWSSC efforts.

Thank you again for your concern and letter

Sincerely,



Robert B. Spies
Chief Scientist

CC: M. McCammon



Project 96320/Sound Ecosystem Assessment Program
FY 96 Budget — Preliminary Review Notes

The following notes have been prepared on the basis of a preliminary review of the budget information presented in the FY 96 detailed budgets submitted on May 1, 1995. In some cases, it was not possible to fully understand the purpose or nature of proposed expenditures. In a number of instances, it appears that line-item expenditures have been budgeted separately that should otherwise be covered by agency General Administration or contractor Indirect (overhead) funds. These budget items have been noted. Additional information to clarify the need for these and other budget items is welcome.

These subproject notes are presented in the sequence of subprojects provided in the May 1 proposal submission.

96320I/Stable Isotopes - Food Webs of Fishes (PWSSC)

- Personnel Costs: Please provide additional information concerning the overtime costs (\$7,450) for this project.
- Travel: Please identify nature and purpose of the "national meeting" and registration fee (combined cost \$2,300). Unless travel is essential to conduct of the project, it should be paid for from other sources.
- Contractual: Audit expenses (\$2,400), photocopying (\$400), and communications (\$800) should be covered by indirect funds and not be budgeted for separately. Also, is the computer lease (\$1,400) for an extraordinary piece of equipment unique to the stable isotope work, or also appropriately budgeted as an indirect expense? Has it been determined that a computer previously purchased by the Trustee Council is not available?
- Commodities: What type of field gear (\$1,000)? Office supplies (\$1,700) should be covered by indirect funds and not be budgeted for separately.

96320J/Information Systems and Model Development (PWSSC)

- Contractual Costs: Audit (\$2,500), telephone/mail/facsimile (\$2,330) and copying (\$1,130) should be covered by indirect funds and not be budgeted for separately.
- Commodities: Bond paper (\$500), toner (\$200) should be covered within indirect expenses.

- Subcontract to RSMAS/Contractual: Computer maintenance, publication costs, telephone/mail/shipping (\$2,100) should be budgeted as RSMAS indirect expense.

The budget detail indicates a commendable effort to obtain complementary non-Trustee Council funding for personnel working on this sub-project.

96320M/Physical Oceanography (PWSSC)

- Personnel Costs: Will the change in the current PI's status/reduced time involvement with the project result in reduced budget requirements presently budgeted at 12 months (\$81,300)?
- Contractual Costs: Phone, fax, copying (\$2,500) should be covered by indirect funds and not be budgeted for separately. Please provide more detail on vessel charter expenses (\$120,000)
- Commodities: Office supplies (\$2,500) and computer supplies (\$1,700) should be covered within indirect. Funding was budgeted in both FY 94 and FY 95 for Analytical software and Statistical software (total FY 96 request is \$5,300). Please clarify the need for additional software purchases. Are these proposed expenditures for upgrades? licences? new software?

96320N/Nekton and Plankton Acoustics (PWSSC)

- Personnel Costs: Personnel costs appear high on a per-month basis; average cost budgeted per person/month > \$7,000. Cost-effectiveness of using large portion of Principal Investigator's time (6 mos.) on project should be considered.
- Travel: Travel costs appear high (2 full months of travel). Additional information concerning purpose of 2 proposed RT Cordova-Bergen trips (\$6,400) should be provided. What are "miscellaneous travel expenses" (\$300) not already covered by per diem or car rental?
- Contractual Costs: Telephone/mail/facsimile (\$2,500), audit (\$5,000), copying (\$985), and office equipment maintenance and repair (\$1,200) should be covered within indirect and not budgeted separately.
- Commodities: Analytical/communications/statistical software (\$1,500) and foul weather gear (\$950) were budgeted for in FY 95. Office supplies (\$1,200) should be covered within indirect.

- New Equipment: Please provide additional information on the proposed "workstation" (\$5,000). Has an effort been made to locate equipment previously purchased by the Trustee Council to address this need? A data storage system was budgeted for in FY 95. Is there a need for an additional data storage system in FY 96 (\$4,900)?

96320Y/Avian Predation on Hatchery Fry (PWSSC)

- Travel: More information should be provided regarding the RT to National conference (\$1,800).
- Contractual: Copying, etc. (\$1,200), telephone/fax/e-mail (\$1,000), and financial audit (\$1,000) should be covered within indirect expenses.
- Commodities: Computer supplies (\$700) should be covered within indirect. Has an effort been made to obtain a set of binoculars previously purchased by the Trustee Council?

96320Z(2)/Coordination and Communication (University of Alaska)

This project was not recommended for funding in FY 96.

96320E/Salmon-Herring Predation (ADFG)

- Personnel: Additional explanation of overtime (sea pay) needed.
- Commodities: Office supplies/paper/toner/disks (\$1,500) and electricity/phone/custodial (\$6,000) should be covered under General Administration and not budgeted for separately. Office lease (\$7,200) should be covered under General Administration and not budgeted for separately.
- General Administration budget (\$73,300) for this project should be examined. Extremely high, since the 15%-of-personnel formula calculation is inflated by large overtime (sea pay) costs that do not appear to result in increased administrative costs.

96320G/Phytoplankton-Nutrients (University of Alaska)

- Travel: More information needed regarding National meeting (\$1,600).
- Contractual: Publications/Page Charges (\$1,100) and Communications (\$400) should be covered within indirect.
- Commodities: Office supplies (\$900) should be covered within indirect.

Project appears to make quite cost-effective use of graduate students (average cost budgeted per person/month ~ \$2,800).

96320H/Zooplankton (University of Alaska)

- Contractual: Phone/fax/photocopy (\$2,000) should be covered within indirect. Secretarial/clerical @ \$40/hr (\$2,000) should be clarified. Why is this expense not covered under indirect? What is the actual cost of service (is there an indirect charge within the \$40/hr. or is this entirely a direct cost)?

96320R/Trophodynamic Modeling-Remote Sensing (University of Alaska)

- Travel: More information should be provided regarding the National meeting (\$2,100).
- Contractual: Clarification of Publications (\$1,000) needed — is this the cost of producing a Trustee Council report? Page charges? Acquisition of reference materials? Communications (\$900) should be covered within indirect expenses if it refers to phone/fax/mail.
- Commodities: Office supplies (\$500) should be covered within indirect expenses.

Project appears to make cost-effective use of graduate students. Personnel costs among lowest of program (average cost budgeted per person/month ~ \$1,500/month).

96320T/Juvenile Herring (University of Alaska)

- Travel: More information should be provided regarding two round trips for a National meeting (\$3,000).
- Contractual: Has the option of purchase vs. lease regarding the seiner and/or "support vessel" been examined? Clarification of Publications budget (\$4,000) is needed — is this the cost of producing a Trustee Council report? or page charges? or acquisition of reference materials? Communications (\$6,000) should be covered within indirect expenses if it refers to conventional phone/fax/mail costs.
- Commodities: Office supplies (\$3,000) should be covered within indirect expenses.
- Equipment: Computer (\$6,000). Has an effort been made to obtain one of the computers previously purchased with Trustee Council funds?

96320U/Energetics: Herring, Pollock and Pink Salmon (University of Alaska)

- Contractual: Communications (\$500) should be covered within indirect expenses if it refers to conventional phone/fax/mail costs.

96320Z(1)/Synthesis and Integration (University of Alaska)

- Contractual: Secretarial/clerical @ \$40/hr (\$15,600) should be clarified. Why is this expense not covered under indirect? What is the actual cost of service (is there an indirect charge within the \$40/hr. or is this entirely a direct cost)?

96320Q/Avian Predation on Herring Spawn (USFS)

- Travel: More information should be provided regarding two round trips for a National Meeting (\$1,200).
- Commodities: Office supplies (\$200) should be covered within General Administration.

A P P L I E D
marine
S C I E N C E SAttachment C

May 16, 1995

TO: Molly McCammon
Executive Director

FROM: Robert Spies, Chief Scientist *RS*
Andrew Gunther, Asst. Chief Scientist *AG*

CC: R. Ted Cooney, SEA Project Leader
Stan Senner, Scientific Coordinator

RE: Specific comments on the SEA Program

On March 10, 1995, you received a letter from Bob Spies with a recommendation to you regarding the Sound Ecosystem Assessment (SEA) program (projects 95320A-Y). That letter indicated that two additional recommendations would be forthcoming; one for the hydroacoustics program and another that reviews the specific components of the SEA program. Our recommendation on the hydroacoustics program was delivered to you last month. This memo will summarize our concerns regarding the specific components of the SEA program.

In April we requested that Dr. Cooney forward the comments of the peer reviewers to all of the SEA principal investigators for their consideration, and we have enclosed those comments with this memo for your review. Rather than re-hash the comments of Drs. Peterson, Rose, Walters, and Percy, we would like to use this memo to highlight our major concerns with the various components of the SEA program.

Information Systems and Model Development

The reviewers expressed the opinion that the modeling is inadequately integrated with the field sampling. It is essential that field sampling identify the important physical and biological parameters that must be modeled, and early modeling products must identify those parameters to which the models appear the most sensitive for additional field sampling. There also must be adequate progress in model development to allow field data collection to be used to validate the models. Given the projected budgets for the project, it is clear that 1996 will be the last large-scale field season, and it is essential that model development progress to the point that collection of field data in 1996 can be used for model validation.



The importance of integration of modeling and field work, including the development of interim modeling products, was emphasized in the October 1994 review. It is clear that the principal investigators for project 95320J have been responsive to this request. Several interim products are identified in the 1995 DPD for the purposes of hypothesis testing, parameter estimation, model validation, and adaptive sampling. There is inadequate discussion, however, regarding why these products were selected, and how they fit into an overall plan for model development. In addition, given that the hydroacoustic project has been slow to produce information, we are concerned about plans for model development with less data than anticipated. Has the modeling program provided priorities to the field researchers, and vice versa? To explore these issues, Andy Gunther will be traveling to Cordova May 28-30 to meet with the Dr. Patrick and his staff.

Fine-scale Oceanography

In response to previous plans and reviews, the oceanography component of SEA (95320M) will be conducting finer scale oceanographic surveys during 1995. These finer scale surveys will examine phenomena such as fronts, eddies, and shear zones that are likely to play an important role in the local distribution of plankton and their predators. This work is strongly supported by the core reviewers, especially in the light of results from 1994 which suggest nearshore fronts may contribute to providing predation refuge for juvenile salmon.

For this oceanographic work to be effective, however, it must be carefully coordinated with biological measurements in both time and space. The DPD for project 95320M recognizes this fact, but does not describe in adequate detail how coordination will occur. This has led some reviewers to question if the oceanography and biology adequately linked. Andy Gunther will discuss this issue in detail with Dr. Salmon, the principal investigator for the oceanography project, when he visits Cordova at the end of the month.

Hydroacoustics

Our memo to you of April 24, 1995, summarizes our concerns and recommendations regarding the hydroacoustic program (project 94320N). A key point that should be re-emphasized is that the analysis of the hydroacoustic data is taking longer than anticipated. In our previous memo we indicated a concern that the hydroacoustic program may be collecting more data than can be processed in a reasonable time. In the recent 1994 report for the SEA program (April 1995) projects 94320A and 94320E could not achieve all of their objectives because data from 94320N were not available.

The modeling program is also dependent upon receiving information from the hydroacoustics program, and if analysis and reduction of hydroacoustic data lags further and further behind it could adversely impact the schedule of the entire SEA program. Recommendation #6 of our April 24 memo requests that "the SEA Project Leader should provide a

description of the labor resources available for analyzing hydroacoustic data gathered in 1995...timely analysis of these data is essential to properly inform the modeling program and the 1996 field season." Dr. Cooney has been in the field most of the last month, and we look forward to discussing this issue with him upon his return.

Prey Switching Hypothesis

The evidence in support of the concept of "prey-switching" by salmon predators was among the most exciting data collected in the first year of the SEA program. We agree with Dr. Peterson's observation that the program must collect information regarding the absolute rate of predation on juvenile salmon with changes in zooplankton abundance, and not just the proportion of salmon v. zooplankton in predator guts. As zooplankton become more abundant, the proportion of juvenile salmon in predator guts could decrease, but the number of juvenile salmon eaten could stay the same. It is the absolute rate of predation on juvenile salmon that will affect their survival. We believe that the data is being collected to allow absolute predation rates to be estimated, and it is important that these calculations are made to adequately test the prey-switching hypothesis.

Experimental Fry Release

A criticism of this program is that the fry that will be grown to 1.5 g prior to release are also going to be released later than the normal hatchery releases. There is no way for the principal investigators to separate the effect of size and release date as the program is currently designed. Consequently, if these larger fry demonstrate higher survival, it will not be possible to unambiguously attribute this result to their larger size at release.

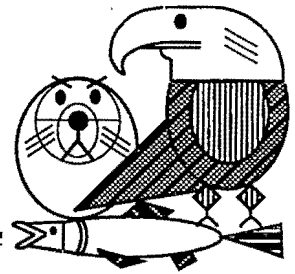
At this time it is not feasible to alter the design of this program. If the larger fry to demonstrate higher survival, further experiments will be needed to verify that it is fry size rather than the late release date that is responsible for the higher survival.

Exxon Valdez Oil Spill Trustee Council

Restoration Office

645 G Street, Suite 401, Anchorage, Alaska 99501-3451

Phone: (907) 278-8012 Fax: (907) 276-7178



June 29, 1995

Graham A.J. Worthy
Physiological Ecology Research Laboratory
Texas A&M University
4700 Avenue U, Building 303
Galveston, Texas 77551

RE: Project 96120-BAA/Proximate Composition and Energetic Content of Selected Forage Fish Species in Prince William Sound

Dear Dr. Worthy:

This letter is to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council not fund Project 96120 at this time, but that the project be considered further during the review of the APEX Seabird/Forage Fish project (95/96163) in November, 1995. If as a result of the November review there is a recommendation to fund 96120-BAA, it would be as part of the APEX project and funds would come from within the amounts allocated for APEX.

My preliminary recommendation will be incorporated into the Draft FY 96 Work Plan, which will be circulated for public review very soon. The Draft Work Plan has not been reviewed or approved by the Trustee Council. The comment period on the draft closes on August 4. In addition to public comment on the draft, the proposed projects are being reviewed by legal staff to ensure consistency with the requirements of the civil settlement. Following review of any comments received and the Draft Work Plan as a whole, I will make a final recommendation in mid-August for action by the Trustee Council on or about August 25.

Peer Review Comments. The Chief Scientist's draft recommendation follows:

While technically sound, this proposal lacks sufficient linkage to a particular model or hypothesis and there is no prioritization of potential sources of samples. The proposal is currently a "service" contract with no clear use for the data. This work should be considered in the future if net-caught forage fish are to be used as an index of prey quality for seabirds.

Budget Review Comments. The budget will need to be reviewed if there is a recommendation in November to proceed with 96120-BAA.

Trustee Agencies

State of Alaska: Departments of Fish & Game, Law, and Environmental Conservation
United States: National Oceanic and Atmospheric Administration, Departments of Agriculture and Interior

Thank you for your continued participation in the *Exxon Valdez* restoration program.

Sincerely,

Rebecca Williams

Molly McCammon ^{for}
Executive Director

cc: Dr. Dave Irons, USFWS/DOI
Ms. Catherine Berg, USFWS/DOI
Dr. Robert Spies, Chief Scientist
Heidi Sickles, NOAA

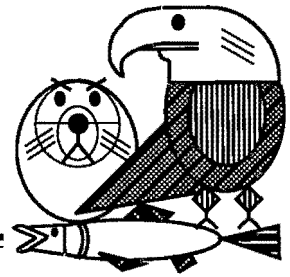
mm/ss/raw

Exxon Valdez Oil Spill Trustee Council

Restoration Office

645 G Street, Suite 401, Anchorage, Alaska 99501-3451

Phone: (907) 278-8012 Fax: (907) 276-7178



MEMORANDUM

To: Restoration Work Force

From: Molly McCammon
Executive Director

Date: June 29, 1995

Subj: Draft 1996 Work Plan

The Draft FY96 Work Plan will be available for pick-up Friday, June 30, at the Anchorage Restoration Office. Copies will be mailed, via DHL, to individual office for those of you in Juneau on Friday, June 30. If you have any questions, please call the Restoration Office.

mm/raw

Trustee Agencies

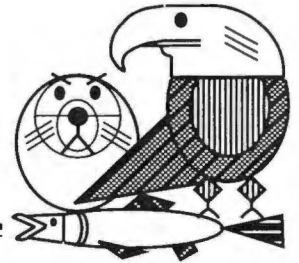
State of Alaska: Departments of Fish & Game, Law, and Environmental Conservation
United States: National Oceanic and Atmospheric Administration, Departments of Agriculture and Interior

Exxon Valdez Oil Spill Trustee Council

Restoration Office

645 G Street, Suite 401, Anchorage, Alaska 99501-3451

Phone: (907) 278-8012 Fax: (907) 276-7178



FAX COVER SHEET

To: Restoration Work Force

From: Molly McCammon Date: June 30, 1995

Comments: Total Pages: 2

Pls distribute to those
listed below. Thank you

Ker:
Read next pg.
you may get
some calls.

RESTORATION WORK FORCE MEMBERS INCLUDE

Bartels, Leslie
Attn: Lisa Thomas
Berg, Catherine
Fries, Carol
Fritts, Ellen
Gibbons, Dave *DHLC*
Miraglia, Rita
Morris, Byron

Piper, Ernie
Rice, Bud
BELT, GINA *will pick up*
Spies, Bob
Sullivan, Joe
Thompson, Ray
Wright, Bruce

Document Sent By: Rebecca

3/29/95

Trustee Agencies

State of Alaska: Departments of Fish & Game, Law, and Environmental Conservation

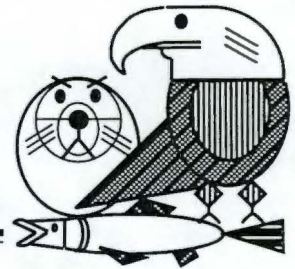
United States: National Oceanic and Atmospheric Administration, Departments of Agriculture and Interior

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To: Restoration Work Force

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Attn: Lisa Thomas

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Fries, Carol

Fritts, Ellen

Gibbons, Dave *DHL*

Miraglia, Rita

Morris, Byron

Piper, Ernie

Rice, Bud

BELT, GINA *will pick up*

Spies, Bob

Sullivan, Joe

Thompson, Ray

Wright, Bruce

Document Sent By: Rebecca

3/29/95

Trustee Agencies

State of Alaska: Departments of Fish & Game, Law, and Environmental Conservation

United States: National Oceanic and Atmospheric Administration, Departments of Agriculture and Interior

**ALASKA DEPARTMENT OF NATURAL RESOURCES (DNR)
PUBLIC NOTICE OF A WRITTEN FINDING TO
MODIFICATION AND RELEASE THE THIRD-PARTY RIGHT OF ENFORCEMENT**

Pursuant to the authority granted to the Commissioner under AS 38.05.020, the Commissioner has made a preliminary written finding under AS 38.05.035(e)(6) in support of the release of the Third-Party Right of Enforcement for the below described interest in lands in order to facilitate an exchange between the United States and the Eyak Corporation (Eyak). Legislative authority extended by AS 34.17.010 allows for the release of a third-party right of enforcement within a statutory conservation easement. The restrictive covenants within the document that granted to the United States certain timber values held by Eyak, qualify the conveyance as a conservation easement under the statute. The acquisition was sponsored by the Exxon Valdez Oil Spill Trustee Council (EVOS). The statutory conservation easement was granted to the United States on January 12, 1995, and recorded January 13, 1995 in Book 68 at page 758 in the Cordova Recording District, Third Judicial District, State of Alaska.

The land to be released is northwest of the City of Cordova and is described as follows: The area encompassed by a boundary beginning at the southeast corner of the NE1/4NE1/4, Sec. 29, T. 14 S., R. 3 W., Copper River Meridian, Alaska; thence west to the southwest corner of the NW1/4NE1/4, Sec. 29, T. 14 S., R. 3 W.; thence southwest to the southwest corner of the NW1/4NE1/4, Sec. 36, T. 14 S., R. 4 W.; thence north to the southwest corner of the NW1/4SE1/4, Sec. 25, T. 14 S., R. 4 W.; thence northeast to the northwest corner of the NE1/4NW1/4, Sec. 29, T. 14 S., R. 3 W.; thence east to the northeast corner of Sec. 29, T. 14 S., R. 3 W.; thence south to the beginning point.

The State will release its third-party right of enforcement on approximately 610 acres of commercial timber rights containing 258 acres of merchantable timber so that the United States Forest Service can effect an exchange for 515 acres of commercial timber rights containing 402 acres of merchantable timber of equal value in the Orca Narrows viewshed. DNR will receive the third-party right of enforcement for the new protected property pursuant to the Conservation Easement Deed. After the exchange, DNR will still hold the third-party right of enforcement as to the residual land, unaffected by the exchange, and to the new protected property in the viewshed property received by the exchange.

The public is invited to comment on the preliminary written finding in support of determination to release the State of Alaska's third-party right of enforcement. Copies of the preliminary written finding and proposed Conservation Easement Deed are available from the Department of Natural Resources, Customer Service Centers listed below. Any comments on the preliminary written finding must be received in writing by the DNR at 3601 C Street, Suite 960, Anchorage, Alaska 99503, by August 1, 1995 in order to ensure consideration. To be eligible to appeal, a person must comment during the comment period. If you have any questions, please contact Carol Shobe at (907) 762-2326.

If public comment in response to this notice indicates the need for significant changes in the decision, the written finding will be amended and additional public notice will be given on or about August 7, 1995. If no significant change is required, the final written finding and decision, including any minor changes, will be issued on August 8, 1995. A copy of the final decision will be sent to any person who comments. Unless a new public notice is issued, the appeal period for this action will end at 4:30 pm, September 7, 1995.

The Department of Natural Resources reserves the right to waive technical defects in this publication.

John T. Shively for: (John T. Shively, Commissioner)
John T. Shively
Date of first publication: (July 2, 1995) *June 23, 1995*

CUSTOMER SERVICE CENTERS:

Anchorage:
3601 C Street, Suite 200
Anchorage, AK 99503-5929
Tel: (907) 762-2261

Juneau:
400 Willoughby Ave.
Juneau, AK 99801
Tel: (907) 465-3400

Fairbanks:
3700 Airport Way
Fairbanks, AK 99709
Tel: (907) 451-2705

ALASKA DEPARTMENT OF NATURAL RESOURCES
ANCHORAGE COMMISSIONER'S OFFICE

Please deliver the following pages to:

Name: Molly McCammon & Rebecca

Location: EVOS

Fax#: 276-7178

Number of pages including transmittal sheet: _____
(If you do not receive all pages please call 1-(907)762-2483.)

From: Carol

3601 C Street, Suite 1210, Anchorage, AK 99503

Telephone: 1-(907)762-2483 Fax#: 1-(907)562-4871

Comments: The following constitutes DNR public
notice - i.e. Here's what happened.
Mailed out of Public Notice to Mailing List - went out.
Advertising in Sunday papers - Anch., Valdez, Cordova.
Post in Valdez, Cordova P.O.
Writer finding available for review @ Public Serv. (He
listed on Public Notice).
All documents etc. reviewed by law prior to release.

☒ HARD COPY TO FOLLOW

☐ NO HARD COPY TO FOLLOW

**ALASKA DEPARTMENT OF NATURAL RESOURCES (DNR)
PUBLIC NOTICE OF A WRITTEN FINDING TO
MODIFICATION AND RELEASE THE THIRD-PARTY RIGHT OF ENFORCEMENT**

Pursuant to the authority granted to the Commissioner under AS 38.05.020, the Commissioner has made a preliminary written finding under AS 38.05.035(e)(6) in support of the release of the Third-Party Right of Enforcement for the below described interest in lands in order to facilitate an exchange between the United States and the Eyak Corporation (Eyak). Legislative authority extended by AS 34.17.010 allows for the release of a third-party right of enforcement within a statutory conservation easement. The restrictive covenants within the document that granted to the United States certain timber values held by Eyak, qualify the conveyance as a conservation easement under the statute. The acquisition was sponsored by the Exxon Valdez Oil Spill Trustee Council (EVOS). The statutory conservation easement was granted to the United States on January 12, 1995, and recorded January 13, 1995 in Book 68 at page 758 in the Cordova Recording District, Third Judicial District, State of Alaska.

The land to be released is northwest of the City of Cordova and is described as follows: The area encompassed by a boundary beginning at the southeast corner of the NE1/4NE1/4, Sec. 29, T. 14 S., R. 3 W., Copper River Meridian, Alaska; thence west to the southwest corner of the NW1/4NE1/4, Sec. 29, T. 14 S., R. 3 W.; thence southwest to the southwest corner of the NW1/4NE1/4, Sec. 36, T. 14 S., R. 4 W.; thence north to the southwest corner of the NW1/4SE1/4, Sec. 25, T. 14 S., R. 4 W.; thence northeast to the northwest corner of the NE1/4NW1/4, Sec. 29, T. 14 S., R. 3 W.; thence east to the northeast corner of Sec. 29, T. 14 S., R. 3 W.; thence south to the beginning point.

The State will release its third-party right of enforcement on approximately 610 acres of commercial timber rights containing 258 acres of merchantable timber so that the United States Forest Service can effect an exchange for 515 acres of commercial timber rights containing 402 acres of merchantable timber of equal value in the Orca Narrows viewshed. DNR will receive the third-party right of enforcement for the new protected property pursuant to the Conservation Easement Deed. After the exchange, DNR will still hold the third-party right of enforcement as to the residual land, unaffected by the exchange, and to the new protected property in the viewshed property received by the exchange.

The public is invited to comment on the preliminary written finding in support of determination to release the State of Alaska's third-party right of enforcement. Copies of the preliminary written finding and proposed Conservation Easement Deed are available from the Department of Natural Resources, Customer Service Centers listed below. Any comments on the preliminary written finding must be received in writing by the DNR at 3601 C Street, Suite 960, Anchorage, Alaska 99503, by August 1, 1995 in order to ensure consideration. To be eligible to appeal, a person must comment during the comment period. If you have any questions, please contact Carol Shobe at (907) 762-2326.

If public comment in response to this notice indicates the need for significant changes in the decision, the written finding will be amended and additional public notice will be given on or about August 7, 1995. If no significant change is required, the final written finding and decision, including any minor changes, will be issued on August 8, 1995. A copy of the final decision will be sent to any person who comments. Unless a new public notice is issued, the appeal period for this action will end at 4:30 pm, September 7, 1995.

The Department of Natural Resources reserves the right to waive technical defects in this publication.

John T. Shively for: (John T. Shively, Commissioner)
Deputy Commissioner
Date of first publication: (July 2, 1995) June 23, 1995

CUSTOMER SERVICE CENTERS:

Anchorage:
3601 C Street, Suite 200
Anchorage, AK 99503-5929
Tel: (907) 762-2261

Juneau:
400 Willoughby Ave.
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Tel: (907) 465-3400

Fairbanks:
3700 Airport Way
Fairbanks, AK 99709
Tel: (907) 451-2705

**WRITTEN FINDING
FOR
MODIFICATION AND RELEASE
OF DNR THIRD-PARTY ENFORCEMENT RIGHT**

Requested Action:

On May 22, 1995, the Department of Natural Resources (DNR) received a verbal request from representatives from the Exxon Valdez Oil Spill Trustee Council (EVOS), representing the United States Forest Service (Forest Service), to modify and release the third-party right of enforcement in order to facilitate a proposed exchange of currently protected land interests for new land interests in the adjacent area. This was followed up with written request from the Forest Service received by DNR on June 22, 1995. The original acquisition was sponsored by the EVOS. EVOS also supports the proposed exchange. The State of Alaska will receive no compensation for this action.

The restrictive covenants within the "Conveyance of Commercial Timber Rights" granted to the United States by the Eyak Corporation (Eyak), qualified the conveyance as a conservation easement under the AS 34.17. On January 12, 1995, The commercial timber rights were granted to the United States and recorded on January 13, 1995 in Book 68 at page 758 in the Cordova Recording District, Third Judicial District, State of Alaska.

The restrictive covenant is as follows:

The United States hereby covenants, in perpetuity for the benefit of the State of Alaska and Eyak, not to conduct or permit to be conducted any Commercial Timber Harvesting at any time on the Orca Narrows Sub-Parcel. The United States hereby agrees that this restrictive covenant may be enforced either (a) by the State of Alaska, individually or in its capacity as owner of tidelands and submerged lands adjoining or otherwise within ten miles of the Orca Narrows Sub-Parcel, or (b) by Eyak, individually or in its capacity as owner of other land conveyed to Eyak by Interim Conveyance No. 127 within ten miles of the Orca Narrows Sub-Parcel.

Legal Description:

The land to be released is northwest of the City of Cordova and is described as follows: The area encompassed by a boundary beginning at the southeast corner of the NE1/4NE1/4, Sec. 29, T. 14 S., R. 3 W., Copper River Meridian, Alaska; thence west to the southwest corner of the NW1/4NE1/4, Sec. 29, T. 14 S., R. 3 W.; thence southwest

to the southwest corner of the NW1/4NE1/4, Sec. 36, T. 14 S., R. 4 W.; thence north to the southwest corner of the NW1/4SE1/4, Sec. 25, T. 14 S., R. 4 W.; thence northeast to the northwest corner of the NE1/4NW1/4, Sec. 29, T. 14 S., R. 3 W.; thence east to the northeast corner of Sec. 29, T. 14 S., R. 3 W.; thence south to the beginning point, containing 610 acres, more or less.

Legal Authority:

This action is undertaken pursuant to the authority granted to the Commissioner, Department of Natural Resources under AS 38.05.020 and AS 38.05.035(e)(6). By these authorities the Commissioner is authorized to release or modify the third-party right of enforcement within a statutory conservation easement, when it is in the State's best interest.

Background

On March 24, 1989, the tanker *Exxon Valdez* ran aground on Bligh Reef in Prince William Sound, Alaska, causing approximately 11 million gallons of North Slope crude oil to spill. The State of Alaska and the United States brought suit against Exxon. As a result of a court settlement of that litigation, the Exxon Companies agreed to pay the United States and the State of Alaska \$900 million over a period of 10 years. These payments are deposited in the registry of the U. S. District Court for Alaska where they are invested through the Federal Court Registry Investment System. Under the Memorandum of Agreement and Consent Degree (MOA)¹, the governments may use these funds for the purposes of "... restoring, replacing, enhancing, rehabilitating, or acquiring the equivalent of natural resources injured as a result of the Exxon Valdez oil spill and the reduced or lost services provided by such resources." The MOA provides that the six Trustees are responsible for making all decisions regarding funding, injury assessment, and restoration. All such decisions must be unanimous to be implemented. The Commissioner of the Department of Natural Resources is not one of the Trustees.

Habitat protection and acquisition provision reflects an ecosystem approach to restoration. It emphasizes protection of multiple species, ecosystem areas, or areas around critical habitat.

¹ Memorandum of Agreement and Consent Degree (court approved - August 28, 1991 case No. A91-081 Civ.) in United States v. State of Alaska, and State of Alaska v. Exxon et al., United States District Court, District of Alaska, Case No. A91-082 Civ. (United States v. Exxon Corp) and A91-083 Civ. (State of Alaska v. Exxon Corp; October 9, 1991).

"Habitat protection and acquisition may include purchase of private land or interest in land such as conservation easements, mineral rights, or timber rights. Different payment options are possible, including multi-year payment schedules to a landowner. Acquired lands or other actual rights would be managed to protect injured resources and services they provide. In addition, cooperative agreements with private owners to provide increased Habitat Protection are also possible." (*Final Environmental Impact Statement*, September 1994, Chapter 2, page 16)

Utilizing funding and staff support provided by the EVOS, the United States Forest Service (Forest Service) acquired the Commercial Timber Rights as to 2,052.41 acres of land called the "Orca Narrows Sub-unit." The acquisition was made on January 12, 1995 and recorded as indicated above. The lands to be released fall within this area. The land interests that would be received in exchange by the Forest Service are in the view shed of the City of Cordova.

Subsequent to this acquisition the Trustee Council, in an effort to avoid timber harvest in highly visible areas along Orca Narrows/Nelson Bay, identified 610 acres within the "Orca Narrows Sub-unit" on the south side of Simpson Bay for the purpose of making an equal value (timber rights for timber rights) exchange with Eyak for highly visible areas along Orca Narrows otherwise scheduled for harvest. Of the 610 acres of commercial timber rights being offered to Eyak, only 258 acres currently contain merchantable timber that can be evaluated for an equal value exchange. The land to be received was evaluated in the same way - present value of existing merchantable timber. However, the parties agreed to include the cost of constructing a road through the view shed parcel to residual Eyak lands beyond. Therefore, the Forest Service will receive 515 acres of commercial timber rights, which contain 402 acres of merchantable timber.

Finding:

The proposal to modify and release the third-party right of enforcement requires the State to issue a recordable release document. The proposed exchange can not take place without a simultaneous release of rights held by the State of Alaska. The release of the third-party right of enforcement will not become effective until the proposed exchange occurs and the release document is recorded. This goal will be achieved by specific instructions in the escrow closing. The release of the third-party right of enforcement is in the State's best interest to facilitate the proposed exchange, under these conditions.

There is minimal risk associated with the disposal. By granting a release of the third-party right of enforcement, the State is exercising rights it holds under the "Conveyance of Commercial Timber Rights" granted to the United States by Eyak. The proposed release of the third-party right of enforcement will not affect the residual lands acquired January 22, 1995, nor will it enhance or reduce the public's rights in properties that are acquired.

Written Final Finding and Decision:

If public comment in response to this finding does not require any significant change after public notice, then the Written Final Finding and Decision will be issued on August 8, 1995. The case file has been found to be complete and the requirements of all applicable statutes have been satisfied. It is the finding of the Commissioner that it is in the best interest of the State to approve this action under the authority of AS 38.05.035(e).

John T. Shively
Acting Commissioner
John T. Shively, Commissioner
Department of Natural Resources

June 23, 1995
Date

Appeal Rights

A person who meaningfully participated in comment on this decision and who is affected by the decision may request the commissioner's reconsideration, in accordance with AS 38.05.035(i)-(j), to John T. Shively, Commissioner, Department of Natural Resources, 3601 C Street, Suite 1210, Anchorage, Alaska 99503-5921. Please include the appeal code number provided below. Any reconsideration request must be received at the above address, or received by being faxed to 1-907-562-4871, by August 28, 1995, and must comply with AS 38.05.035(j) and 11 AAC 02.030(a)(1)-(2) and (a)(4)-(8). Failure of the commissioner to act on such a request for reconsideration by September 7, 1995, is denial of reconsideration and is a final administrative order and decision that may be appealed to Superior Court within 30 days after that date in accordance with the rules of the court, and to the extent permitted by applicable law. If no reconsideration request is filed by August 28, 1995, this decision then goes into effect.

Appeal Code: #CO06231995LSH387.035

June 28, 1995

DRAFT

Tom Watson
Wavetamer Kayaking
POB 228
Kodiak, Alaska 99615

Dear Mr. Watson:

Thank you for your letter of May 5, 1995, regarding the *Exxon Valdez* Oil Spill Trustee Council's intention to purchase Kodiak Island Borough land on Shuyak Island.

It is my understanding that both the state and federal Trustees share your appreciation for the valuable resources on Shuyak Island. And you are correct that a resolution to purchase this land subject to a fair market value appraisal was adopted by the Council last December.

Since that time, an appraisal to determine the value of these lands has been underway. I am told that it is hoped that an agreement on value can be reached between the Council and the Borough in the near future.

Thank you for your continuing concern and support of the Trustee Council's actions. If there are any other questions about this negotiations, please contact the Council's Executive Director, Molly McCammon at (907) 278-8012.

Sincerely,

DRAFT

Tony Knowles
Governor
State of Alaska

OFFICE OF THE GOVERNOR
STATE OF ALASKA

RECEIVED
JUN 26 1995

EXXON VALDEZ OIL SPILL
TRUSTEE COUNCIL

June 22, 1995

ROUTE TO:
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
ATTN: CTS SECRETARY

Name Code: WATST1 Title: Mr.

First: Tom MI: Last: Watson

Credential: Salutation:

Company: Wavetamber Kayaking Jobtitle:

Address: P.O. Box 228 City: Kodiak
State: AK Zip: 99615

Foreign:

Comment	Tp	DP	Stf	Issue Code	Due	Resp.	CTS #
Shuyak Island	RD	18	JB	1828	07/11/95	/ /	95173002

To: Molly McCammon - EVOS
Exxon Oil Spill Office

~~From Belka~~
Just response
from Gov. Knowles
saying it's ~~my~~ my
understanding
that everything
on track, we
progressing hope to
reach agreement.

Wavetamer Kayaking

KAYAK KODIAK TOURS - KAYAK KATMAI ADVENTURES
FEATHERCRAFT FOLDING KAYAKS - NECKY KAYAKS - ACCESSORIES
POB 228, Kodiak, Alaska 99615 - PH & FAX: 907-486-2604

*Molly McCammon - EVOS -
or
Craig Henry Dept of Law*

Maulyn

cc: Mary

SO

May 5, 1995

The Honorable Tony Knowles, Governor
State of Alaska
POB 110001
Juneau, AK 99811-0001

RECORDED
MAY - 8 1995

GOVERNOR'S OFFICE

Dear Governor Knowles,

I understand the EVOS Trustee Council passed a resolution to purchase the Kodiak Island Borough's property on Shuyak Island - that area adjacent to Shuyak State Park. Unfortunately, I have also learned that there are some delays or hesitations on the State's part to complete this acquisition.

*TO: Molly
McCammon
EVOS Trustee
Council*

Many Alaskans beyond Kodiak are familiar with the resource riches of Shuyak Island. Clearly, as a kayaker, I am well aware of its reputation as one of the nicer kayaking areas in the state. In addition, hunters and fishermen (particularly silver salmon enthusiasts) know of its richness in those resources. It's a wonderful marine/coastal park that would be greatly enhanced through this acquisition. An opportunity to preserve and protect invaluable wildlife habitat is also possible through this requisition.

The Kodiak Island Borough Assembly has enacted an ordinance to establish a facility fund in which the proceeds from the sale of this land are to be deposited. Those funds are earmarked for an addition to the Fishery Industrial Technology Center (FITC). The benefits to the state from such an addition will be lasting.

Thank you for taking time to consider my letter and please help complete this acquisition for the benefit of all Alaskans.

Sincerely,

Tom Watson

Tom Watson, Owner
WAVETAMER KAYAKING

SO P.S. Perhaps if all this comes together you'd like to inspect this park via a kayak!
Let me know. Have a great summer.

June 28, 1995

Tom Watson
Wavetamer Kayaking
POB 228
Kodiak, Alaska 99615

Dear Mr. Watson:

Thank you for your letter of May 5, 1995, regarding the *Exxon Valdez* Oil Spill Trustee Council's intention to purchase Kodiak Island Borough land on Shuyak Island.

still the members of the Trustee Council
It is my understanding that both the ~~state and federal~~ Trustees share your appreciation for the valuable resources on Shuyak Island. And you are correct that a resolution to purchase this land subject to a fair market value appraisal was adopted by the Council last December.

Since that time, an appraisal to determine the value of these lands has been underway. I am told that it is hoped that an agreement on value can be reached between the Council and the Borough in the near future.

Thank you for your continuing concern and support of the Trustee Council's actions. If there are any other questions about this negotiations, please contact the Council's Executive Director, Molly McCammon at (907) 278-8012.

Sincerely,

Tony Knowles
Governor
State of Alaska

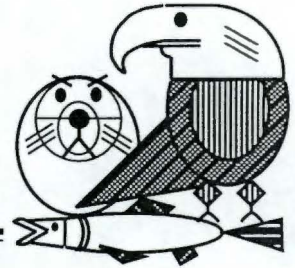
Do I fax this
to someone so
they can print it
on ltr head *back to DEC*
CTB.

Exxon Valdez Oil Spill Trustee Council

Restoration Office

645 G Street, Suite 401, Anchorage, Alaska 99501-3451

Phone: (907) 278-8012 Fax: (907) 276-7178



FAX COVER SHEET

To: Sante Number: _____

From: Molly McCammon Date: June 28, 1995 4:15p.m.

Comments: _____ Total Pages: 2

Thanks Sante!!

R.

Document Sent By: Rebecca

8/8/94

Trustee Agencies

State of Alaska: Departments of Fish & Game, Law, and Environmental Conservation

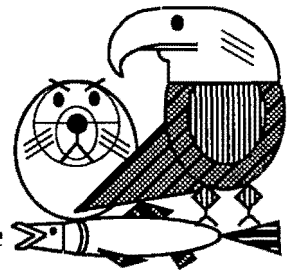
United States: National Oceanic and Atmospheric Administration, Departments of Agriculture and Interior

Exxon Valdez Oil Spill Trustee Council

Restoration Office

645 G Street, Suite 401, Anchorage, Alaska 99501-3451

Phone: (907) 278-8012 Fax: (907) 276-7178



June 28, 1995

Bob Loeffler
EVOS Restoration Office
645 G Street, Suite 401
Anchorage, Alaska 99501

Dear Bob:

This letter is to inform you of my preliminary recommendation that the *Exxon Valdez* Trustee Council approve funding for Project 96115/Sound Waste Management Plan. All projects funded by the Trustee Council are subject to budget and peer review, and funding is contingent upon successfully resolving issues identified in those reviews.

My preliminary recommendation will be incorporated into the Draft Work Plan, which is being circulated for public review in late June. The Draft Work Plan has not been reviewed or approved by the Trustee Council. The comment period on the draft closes on August 4. In addition to public comment on the draft, recommended projects are being reviewed by legal staff to ensure consistency with the requirements of the civil settlement. Following a review of any comments received and the Draft Work Plan as a whole, I will make a final recommendation to the Trustee Council in mid-August. The Council is scheduled to make its decision on the Work Plan on or about August 25th.

Peer Review Comments. The Chief Scientist has indicated that he sees no need for additional peer review beyond that already done prior to development of the Executive Director's preliminary recommendation. The Chief Scientist's draft recommendation on Project 96115 is as follows:

Prior work won't come to fruition if these final funds are not supplied in FY 96. In theory, this project could speed recovery of injured species but those linkages are not clear. Future funding requests need close scrutiny.

Budget Review Comments. The budget review resulted in the following comment:

Contractual and Commodity Costs. Telecommunications, fax, mail, courier, copying, printing, consumable office supplies, and computer supplies are the type of routine expenses General Administration is designed to cover, and should not

Trustee Agencies

State of Alaska: Departments of Fish & Game, Law, and Environmental Conservation
United States: National Oceanic and Atmospheric Administration, Departments of Agriculture and Interior

be budgeted for separately. Thus, the overall budget should be reduced by \$1,200.

If you have questions about the peer review or budget review comments, please contact the Alaska Department of Environmental Conservation (ADEC) liaison, Ernie Piper. Submit a revised budget to the Restoration Office, Attn: Sandra Schubert by **July 14, 1995**. An electronic copy of the budget is not needed.

Thank you for your continuing interest in the *Exxon Valdez* restoration program.

Sincerely,

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

Molly McCammon
Executive Director

cc: Ernie Piper, ADEC
Dr. Robert Spies, Chief Scientist

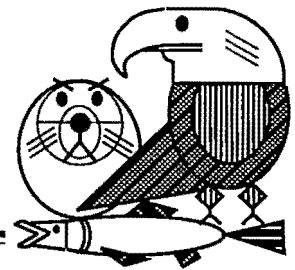
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Exxon Valdez Oil Spill Trustee Council

Restoration Office

645 G Street, Suite 401, Anchorage, Alaska 99501-3451

Phone: (907) 278-8012 Fax: (907) 276-7178



June 28, 1995

Dana Schmidt
Alaska Department of Fish and Game
34828 Kalifonsky Beach Road
Soldotna, Alaska 99669

Dear Dana:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Trustee Council approve funding the closeout of the Kenai/Skilak portion of Project 96258A/Sockeye Salmon Overescapement, approve funding the continuation of the Kodiak monitoring portion, and defer their decision on continuing the Kenai/Skilak field work until fall 1996, pending review of the 1995 Kenai/Skilak sockeye return. This recommendation is contingent on successful resolution of the budget issues identified below.

My preliminary recommendation will be incorporated into the Draft Work Plan, which is being circulated for public review in late June. The Draft Work Plan has not been reviewed or approved by the Trustee Council. The comment period on the draft closes on August 4. In addition to public comment on the draft, recommended projects are being reviewed by legal staff for consistency with the requirements of the civil settlement. Following review of any comments received and the Draft Work Plan as a whole, I will make a final recommendation to the Trustee Council in mid-August. The Council is scheduled to make its decision on the Work Plan on or about August 25th.

Peer Review Comments. The Chief Scientist's draft recommendation is as follows:

This is an excellent program of glacial sockeye salmon lakes conducted by outstanding scientists. However, the link to damage is increasingly unclear due to the problems with smolt enumeration. The fry weight data and observations on vertical migration of zooplankton might reflect the overescapement in 1987-89. Return-per-spawner data have not been put forward and analyzed comprehensively in the context of a stock assessment model, so the arguments in support of an oil spill impact are weak and the application of the limnological work to management is not clear. Of the amount requested, \$527,400 is for closeout expenses in FY 96. This amount seems high and needs additional justification, as well as further description of

Trustee Agencies

State of Alaska: Departments of Fish & Game, Law, and Environmental Conservation
United States: National Oceanic and Atmospheric Administration, Departments of Agriculture and Interior

the analyses to be conducted on 1995 data. I cannot recommend gathering new data in 1996 (\$380,400), except possibly for Red and Akalura lakes.

Budget Review. The budget review resulted in the following comments:

Personnel Costs. With respect to the Kenai/Skilak portion of the project, the personnel cost for writing a report without continuing field work seems significantly higher than required. It totals 56.9 months of time (almost five years of work), and involves twenty-two full or part-time positions. Please review the budget, make appropriate reductions, and provide additional justification for the staff required. Please note that it is necessary to resolve the Chief Scientist's question regarding analyses to be conducted on 1995 data before costs associated with that work will be approved.

Regarding program management costs, in consultation with the trustee agencies we have developed a policy of not funding program management costs in excess of one month per project unless unusual circumstances warrant additional time. Your budget includes 3.1 months of program management costs. Please reduce the personnel time or provide an explanation.

Travel Costs. Please reduce workshop-related travel to two trips to the Anchorage Restoration workshop, and one trip to another workshop. Eleven trips seems in excess of what is needed.

Contractual Costs. All basic office costs should be paid for out of General Administration funding, and should not be budgeted for separately. Costs that should be eliminated include: line 2 (telephone is GA, but printing is an appropriate cost); line 4, computer equipment and repair; line 5, software maintenance and upgrade; line 6, postage and messenger service.

Some of the costs identified as closeout should be moved from Option 1 (closeout) to Option 2 (Kenai/Skilak field work). Specifically, the DOT vehicle lease does not seem appropriate if no samples are to be transported. In addition, a portion of the photo processing is likely to be related to Kenai/Skilak fieldwork, as is some of the radio repair and scientific equipment repair.

Commodities Costs. As with the contractual line, some of the costs are covered in General Administration and should not be budgeted for separately: specifically line 1, office supplies; and line 5, stationery.

The amount of scientific supplies, glassware, and photographic supplies should be reduced to reflect closeout needs only.

If you have questions about the peer review or budget review comments, please contact the ADF&G liaison, Dr. Joe Sullivan. Please submit a revised Detailed Project Description (DPD) reflecting my recommendation (closeout of the Kenai/Skilak portion of the project and continuation of Kodiak monitoring) and a revised budget addressing the concerns noted above to the Restoration Office, Attn: Sandra Schubert by **July 14, 1995**. Please also submit an electronic copy of the revised DPD; an electronic copy of the budget is not needed.

Thank you for your continuing interest in the *Exxon Valdez* restoration program.

Sincerely,



Molly McCammon
Executive Director

cc: Dr. Joe Sullivan, ADF&G
Dr. Robert Spies, Chief Scientist

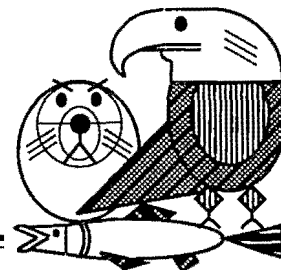
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Exxon Valdez Oil Spill Trustee Council

Restoration Office

645 G Street, Suite 401, Anchorage, Alaska 99501-3451

Phone: (907) 278-8012 Fax: (907) 276-7178



June 28, 1995

Malin Babcock
NOAA/NMFS Auke Bay Laboratory
11305 Glacier Highway
Juneau, Alaska 99801

Dear Malin:

This letter is to inform you of my preliminary recommendation that the *Exxon Valdez* Trustee Council approve funding to close out Project 96090/Mussel Bed Restoration and Monitoring. However, my recommendation is contingent on a successful resolution of several budget issues, with the goal of reducing project costs to a maximum of \$150,000.

My preliminary recommendation on Project 96090 will be incorporated into the Draft Work Plan, which will be circulated for public review in late June. The Draft Work Plan has not been reviewed or approved by the Trustee Council. The comment period on the draft closes on August 4, 1995. In addition to public comment on the draft, recommended projects are being reviewed by legal staff to ensure consistency with the requirements of the civil settlement. Following review of any comments received and the Draft Work Plan as a whole, I will make a final recommendation to the Trustee Council. The Council is scheduled to make its decision on the Work Plan on or about August 25th.

Peer Review Comments. The Chief Scientist's draft recommendation follows:

It is essential to complete this close-out project but the budget appears to be very high. The labor for the report writing is very high, given the donation of time by NOAA (which is recognized and appreciated). There also needs to be a better accounting of the numbers of samples for chemical analysis.

Budget Review Comments. I have forwarded copies of Jeep Rice's June 16, 1995 letter regarding the budget for this project to Bob Spies, Chief Scientist, Stan Senner, Science Coordinator, and Traci Cramer, Budget Officer. We have not had time to thoroughly review and consider Jeep's comments, but will certainly rely on them as we continue to evaluate this project.

Trustee Agencies

State of Alaska: Departments of Fish & Game, Law, and Environmental Conservation
United States: National Oceanic and Atmospheric Administration, Departments of Agriculture and Interior

In addition, please review the following budget comments raised by Ms. Cramer, and submit any additional justification that you would like us to consider. If you believe any budget reductions are appropriate, please submit a revised budget to the Restoration Office, Attn: Sandra Schubert by **July 14, 1995**. (An electronic copy of the budget is not needed.) If you believe that no reduction is appropriate, please provide your additional justification by that date.

Personnel Costs. 32.8 months of personnel time appears high for this project, which is data analysis/report writing only. This is particularly true in light of the donation by NOAA of 10 months of the project leader's time, 1 month of a program manager's time, and .5 months of a chemist's time. In addition, neither the DPD nor the budget explains DOI's involvement in this project.

Travel Costs. I question the need for the Trustee Council to fund travel to professional meetings out of state. Please review this proposed expenditure.

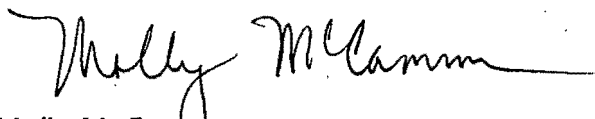
General Administration. Computer maintenance and software, like other routine office expenses, are to be purchased out of "general administration" funds and should not be budgeted for separately.

Other. Please correct your budget to reflect ADEC's FY 95 costs on this project.

In regard to monitoring of mussel beds in future years, I do not intend to recommend funding for future monitoring at this time. Rather, I would expect that a project proposal would be submitted during the FY 97 funding cycle, and that a decision on future years' monitoring would be made at that time.

Thank you for your continuing interest in the *Exxon Valdez* restoration program.

Sincerely,



Molly McCammon
Executive Director

cc: Byron Morris, NOAA
Dr. Robert Spies, Chief Scientist

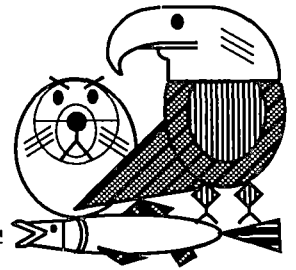
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Exxon Valdez Oil Spill Trustee Council

Restoration Office

645 G Street, Suite 401, Anchorage, Alaska 99501-3451

Phone: (907) 278-8012 Fax: (907) 276-7178



June 28, 1995

Mark Willette
Alaska Department of Fish and Game
POB 669
Cordova, Alaska 99574


Dear ~~Mr.~~ Willette:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Trustee Council approve funding for Project 96188, Otolith Thermal Mass Marking of Hatchery Reared Pink Salmon in Prince William Sound. In addition, I am recommending that the Trustee Council consider funding two years of overlap with coded wire tagging, as the Detailed Project Description (DPD) recommends.

My preliminary recommendation will be incorporated into the Draft Work Plan, which will be circulated for public review later this month. The Draft Work Plan has not been reviewed or approved by the Trustee Council. The comment period on the draft closes on August 4. In addition to public comment on the draft, recommended projects are being reviewed by legal staff to ensure consistency with the requirements of the civil settlement. Following review of any comments received and the Draft Work Plan as a whole, I will make a final recommendation to the Trustee Council in mid-August. The Council is scheduled to make its decision on the Work Plan on or about August 25th.

Peer Review Comments. The Chief Scientist's draft recommendation on Project 96188 is as follows:

This is the continuation of a previously approved program. It is innovative, cost effective, and probably one of the best things that can be done to improve pink salmon management.

Budget Review Comments. The budget review resulted in the following comments:

Personnel. It is unclear that three months is needed for a biometrician for this project along with the five months requested in Project 96186. Please review the two projects together and reduce costs appropriately.

Trustee Agencies

State of Alaska: Departments of Fish & Game, Law, and Environmental Conservation
United States: National Oceanic and Atmospheric Administration, Departments of Agriculture and Interior

Program management costs. In consultation with the trustee agencies, we have developed a policy of not funding program management costs in excess of one month per project unless unusual circumstances warrant additional time. Your budget includes 1.3 months of program management costs. Please reduce the personnel time or provide a justification.

If you have questions about the peer review or budget review comments, please contact ADF&G's agency liaison, Dr. Joe Sullivan. Please submit either a revised budget or a written budget justification to the Restoration Office, Attn: Sandra Schubert by **July 14, 1995**. An electronic copy of the budget is not needed.

Thank you for your continuing interest in the *Exxon Valdez* restoration program. We value your contributions.

Sincerely,


Molly McCammon
Executive Director

cc: Dr. Joe Sullivan, ADF&G
Dr. Robert Spies, Chief Scientist

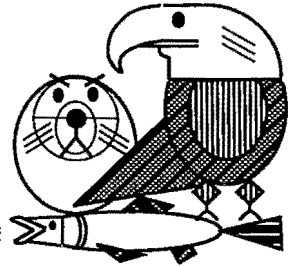
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Exxon Valdez Oil Spill Trustee Council

Restoration Office

645 G Street, Suite 401, Anchorage, Alaska 99501-3451

Phone: (907) 278-8012 Fax: (907) 276-7178



June 28, 1995

Gregory T. Ruggerone
Natural Resources Consultants
4055 21st Avenue West
Seattle, Washington 98199

Dear Dr. Ruggerone:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Trustee Council approve funding for Project 96048-BAA/Historical Analysis of Sockeye Salmon Growth Among Populations Affected by Overescapement in 1989, contingent on successful resolution of the peer review and budget review questions identified below.

All projects funded by the Trustee Council receive funding through one of the six trustee agencies. I am recommending that project 96048 be funded through the National Oceanic and Atmospheric Administration (NOAA) as part of their Broad Agency Announcement (BAA). In addition, I am recommending that your FY 97 project costs be added to your FY 96 costs so that the project can proceed from start to finish under a single contract.

My preliminary recommendation on Project 96048 will be incorporated into the Draft Work Plan, which will be circulated for public review later this month. The Draft Work Plan has not been reviewed or approved by the Trustee Council. The comment period on the draft closes on August 4. In addition to public comment on the draft, recommended projects are being reviewed by legal staff to ensure consistency with the requirements of the civil settlement. Following a review of any comments received and the draft Work Plan as a whole, I will make a final recommendation to the Trustee Council in mid-August. The Council is scheduled to make its decision on the Work Plan on or about August 25th.

Scientific Review. Peer review comments are attached. Please submit a written response to the comments to the Restoration Office, Attn. Sandra Schubert by **July 14, 1995.**

Budget Review. The budget review produced only one comment -- that the indirect rate proposed appears to be high. By my calculation it is 56% of personnel, travel, and commodities costs. If the project is funded in August, I will ask that the Trustee

Trustee Agencies

State of Alaska: Departments of Fish & Game, Law, and Environmental Conservation
United States: National Oceanic and Atmospheric Administration, Departments of Agriculture and Interior

Council direct the contracting agency (NOAA) to focus on the indirect rate during contract negotiations, and that the rate either be reduced or justified.

In addition, NOAA will add program management costs to your budget before the Trustee Council acts; thus, the budget presented to the Trustee Council in August will be somewhat higher than you proposed.

If you have questions about the peer review or budget comments, please contact Byron Morris, the NOAA liaison to the Trustee Council. It is not necessary to respond to the budget review comment prior to contract negotiations. However, if you wish to do so you may do so through Dr. Morris.

Dr. Byron Morris
National Oceanic and Atmospheric Administration
11305 Glacier
Auke Bay, AK 99821
(907) 789-6608

Thank you for your continuing interest in the *Exxon Valdez* restoration program.

Sincerely,



Molly McCammon
Executive Director

Enclosure

cc: Dr. Byron Morris, NOAA
Heidi Sickles, NOAA
Dr. Robert Spies, Chief Scientist

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marine

S C Dr. Gregory T. Ruggerone
 Natural Resources Consultants, Inc.
 4055 21st Avenue West
 Seattle, Washington 98199

RECEIVED
 JUN 26 1995

June 19, 1995

EXXON VALDEZ OIL SPILL
 TRUSTEE COUNCIL

Dear Dr. Ruggerone,

Thank you for the submission of your proposal "Historical analysis of sockeye salmon growth among populations affected by overescapement in 1989" (96048) to the *Exxon Valdez* Trustee Council. The preliminary review has been completed on your proposal.

The technical comments on your proposal were as follows:

This is a technically excellent proposal that will help synthesize existing information on sockeye salmon overescapement using a new approach. It will supply information not previously available from the current sockeye overescapement programs. Specifically, it is proposed to use the scales of adult sockeye salmon to reconstruct their growth rates as smolts before during and after the spill in 1989. Reduced smolt growth in the affected systems following the overescapement events in the late 1980s would confirm an effect on the fish.

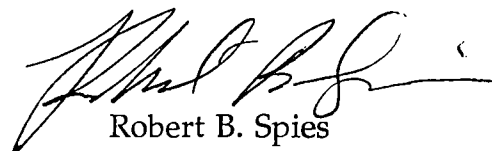
There were several related technical issues for which I would like to have responses from you before a final recommendation to the Executive Director can be developed.

1. What is the power of the proposed statistical methods to distinguish among differences in growth as measured by scales from the affected areas? What magnitude of differences in growth can be detected with what probability given the proposed sample sizes of 100 scales? On what basis was the number of scales to be measured from each oil-affected area chosen?
2. How many of these measurements have already been made and how many scales will be digitized in the course of the study? A table by locality would be helpful.
3. Please provide a table of the affected areas and the years for which growth measurements will be taken, including stocks by locality, if any.
4. Please provide a table of statistical comparisons to be made, such as within years among localities, and between years, and indicate the procedures to be employed.



If you could provide a response to this letter by July 8, 1995 it would assist us greatly in our evaluation of the 1996 work plan proposals.

Sincerely,

A handwritten signature in black ink, appearing to read 'Robert B. Spies', with a stylized flourish at the end.

Robert B. Spies
Chief Scientist

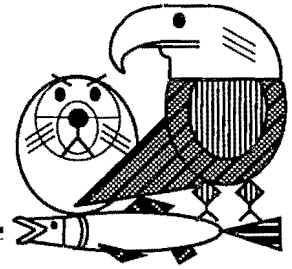
CC: M. McCammon
J. Sullivan
S. Senner

Exxon Valdez Oil Spill Trustee Council

Restoration Office

645 G Street, Suite 401, Anchorage, Alaska 99501-3451

Phone: (907) 278-8012 Fax: (907) 276-7178



June 28, 1995

Dr. Joe Sullivan
Alaska Department of Fish and Game
333 Raspberry Road
Anchorage, Alaska 99518

Dear Joe:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Trustee Council approve funding for Project 96186/Coded Wire Tag Recoveries from Pink Salmon in Prince William Sound. In addition, I am recommending that the Trustee Council consider funding two years of overlap with otolith thermal mass marking, as the Detailed Project Description (DPD) recommends.

My preliminary recommendation will be incorporated into the Draft Work Plan, which will be circulated for public review later this month. The Draft Work Plan has not been reviewed or approved by the Trustee Council. The comment period on the draft closes on August 4. In addition to public comment on the draft, recommended projects are being reviewed by legal staff for consistency with the requirements of the civil settlement. Following review of any comments received and the draft Work Plan as a whole, I will make a final recommendation to the Trustee Council in mid-August. The Council is scheduled to make its decision on the Work Plan on or about August 25th.

Peer Review Comments. The Chief Scientist's draft recommendation on Project 96186 is as follows:

This project is necessary to support the transition to otolith thermal mass marking. This project should be discontinued only after feasibility of thermal mass marking is demonstrated.

Budget Review Comments. The budget review resulted in the following comments:

Personnel Costs. It is unclear why this level of personnel costs is required, when tag reading is accomplished at the Tag Lab and installation is performed by the hatchery operators. Specifically, it is unclear why FTII positions are needed in Kodiak, Kenai, or Anchorage for a project that occurs in Prince William Sound and

Trustee Agencies

State of Alaska: Departments of Fish & Game, Law, and Environmental Conservation
United States: National Oceanic and Atmospheric Administration, Departments of Agriculture and Interior

Juneau. In addition, it is unclear, given this well-established program, whether five months of a biometrician's time are needed. Please review this portion of the budget and revise it appropriately or provide a justification.

Regarding program management costs, in consultation with the trustee agencies we have developed a policy of not funding program management costs in excess of one month per project unless unusual circumstances warrant additional time. Your budget includes 1.3 months of program management costs. Please reduce the personnel time or provide a justification.

Travel Costs. It is unclear why 21 trips are needed for this project. Specifically, additional justification is needed for supervisory trips to Seward, Kodiak or Kenai. In addition, given that no personnel appear to be stationed at Whittier, it is unclear why trips are needed to that location. Please review this portion of the budget and revise it appropriately or provide a justification.

Contractual Costs. "Office costs" should not be budgeted for separately. They are included in General Administration and should be covered by the \$24,500 charged for that purpose.

Please submit a revised budget and any additional budget justification to the Restoration Office, Attn: Sandra Schubert by **July 14, 1995**. An electronic copy of the budget is not needed.

Thank you for your continuing interest in the *Exxon Valdez* restoration program. We value your contributions.

Sincerely,

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

Molly McCammon
Executive Director

cc: Dr. Robert Spies, Chief Scientist

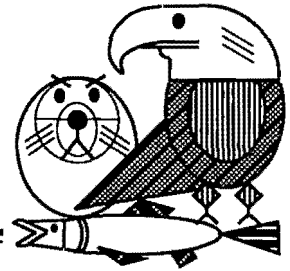
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Exxon Valdez Oil Spill Trustee Council

Restoration Office

645 G Street, Suite 401, Anchorage, Alaska 99501-3451

Phone: (907) 278-8012 Fax: (907) 276-7178



June 28, 1995

Mark Carls
NOAA/NMFS
Auke Bay Laboratory
11305 Glacier Highway
Juneau, Alaska 99801

Dear Mr. Carls:

This letter is to inform you of my preliminary recommendation that the *Exxon Valdez* Trustee Council approve partial funding for Project 96074/Herring Reproductive Impairment. Specifically, I recommend close-out of the oil-exposure laboratory portion of the project in FY 96, and continuation of the field portion.

My preliminary recommendation will be incorporated into the Draft Work Plan, which will be circulated for public comment later this month. The Draft Work Plan has not been reviewed or approved by the Trustee Council. The comment period on the draft closes on August 4. Recommended projects are also being reviewed by legal staff to ensure consistency with the requirements of the civil settlement. Following a review of any comments received and the Draft Work Plan as a whole, I will make a final recommendation to the Trustee Council in mid-August. The Trustee Council is scheduled to make its decision on the Work Plan on or about August 25.

Peer Review Comments. The Chief Scientist's draft recommendation on Project 96074 is as follows:

Most of the major objectives of the work have been accomplished in 1994 and 1995. The remaining work in 1996 is costly relative to what it will add to our knowledge of toxicity of oil to herring reproduction. I therefore recommend close-out funding for this project with no support for additional field or laboratory work.

Although the Chief Scientist recommends closing out the entire project, a persuasive argument was made at the Restoration Work Force meeting for continuing the field portion. Consequently, my preliminary recommendation is to recommend close-out of the oil-exposure laboratory portion of Project 95074, and continuation of the field portion. The Draft Work Plan will show a placeholder budget of \$200,000. Please revise the Detailed Project Description (DPD) accordingly and include a realistic cost

Trustee Agencies

State of Alaska: Departments of Fish & Game, Law, and Environmental Conservation
United States: National Oceanic and Atmospheric Administration, Departments of Agriculture and Interior

estimate. The revised DPD will be subject to independent scientific review.

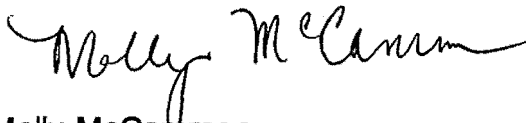
If you have questions about the peer review comments, please contact NOAA's liaison, Dr. Byron Morris.

Budget Review Comments. Please revise the project budget to correspond to the revised DPD. The revised budget will be subject to thorough review.

Please submit the revised DPD and budget to the Restoration Office, Attn. Sandra Schubert, by **July 14, 1995**. Please also submit an electronic copy of the DPD; an electronic copy of the revised budget is not needed.

Thank you for your continuing interest in the *Exxon Valdez* restoration program.

Sincerely,

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

Molly McCammon
Executive Director

cc: Dr. Byron Morris, NOAA
Dr. Robert Spies, Chief Scientist

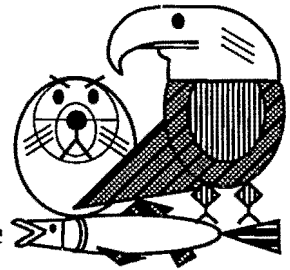
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Exxon Valdez Oil Spill Trustee Council

Restoration Office

645 G Street, Suite 401, Anchorage, Alaska 99501-3451

Phone: (907) 278-8012 Fax: (907) 276-7178



June 28, 1995

Dr. Jim Seeb
Alaska Department of Fish and Game
333 Raspberry Road
Anchorage, Alaska 99518

Dear Dr. Seeb:

This letter is to inform you of my preliminary recommendation that the *Exxon Valdez* Trustee Council approve funding for Project 96165/Genetic Discrimination of Prince William Sound Herring Populations. My recommendation will be incorporated into the Draft Work Plan, which will be circulated for public review later this month. The Draft Work Plan has not been reviewed or approved by the Trustee Council. The comment period on the draft closes on August 4. Recommended projects are also being reviewed by legal staff to ensure consistency with the requirements of the civil settlement. Following a review of any comments received and the Draft Work Plan as a whole, I will make a final recommendation to the Trustee Council in mid-August. The Trustee Council is scheduled to make its decision on the Work Plan on or about August 25.

Peer Review Comments. The Chief Scientist's draft recommendation on Project 96165 is as follows:

This is a continuing project that will directly affect issues of importance for managing Prince William Sound herring. The investigators have performed admirably on past projects, and I recommend further support for the project in 1996.

Budget Review Comments. Please revise the budget to reflect at least the following item:

Program Management. Consistent with the discussions of the Restoration Work Force at its recent meeting, agency program management on this project should be limited to one month.

In addition, please consider the following concerns about specific line item requests, and provide the justification requested.

Trustee Agencies

State of Alaska: Departments of Fish & Game, Law, and Environmental Conservation
United States: National Oceanic and Atmospheric Administration, Departments of Agriculture and Interior

Contractual Costs. The largest single line item is \$70,000 for a DNA contract. Please describe the basis for the estimate and indicate the most likely procurement method (e.g., RFP or RSA).

If you have questions about the peer review or budget review comments, please contact Dr. Joe Sullivan (ph. 267-2213), the liaison for ADF&G. Please submit a revised budget and line item justification, if any, to the Restoration Office, Attn. Sandra Schubert, by **July 14, 1995**. An electronic copy is not needed.

Thank you for your continuing interest in the *Exxon Valdez* restoration program. We value your contributions.

Sincerely,

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

Molly McCammon
Executive Director

cc: Dr. Joe Sullivan, ADF&G
Dr. Robert Spies, Chief Scientist

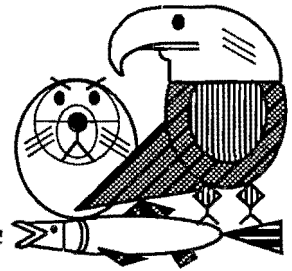
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Exxon Valdez Oil Spill Trustee Council

Restoration Office

645 G Street, Suite 401, Anchorage, Alaska 99501-3451

Phone: (907) 278-8012 Fax: (907) 276-7178



June 28, 1995

Dr. Lisa Seeb
Alaska Department of Fish and Game
333 Raspberry Road
Anchorage, Alaska 99518

Dear Dr. Seeb:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Trustee Council approve funding for the closeout portion of Project 96255/Kenai River Sockeye Salmon, and defer their decision on continuing field work until fall, pending review of the 1995 Kenai/Skilak sockeye return. My recommendation for funding the closeout portion is contingent upon successful resolution of the budget issues identified below.

My preliminary recommendation will be incorporated into the Draft Work Plan, which will be circulated for public review later this month. The Draft Work Plan has not been reviewed or approved by the Trustee Council. The comment period on the draft closes on August 4. In addition to public comment on the draft, recommended projects are being reviewed by legal staff for consistency with the requirements of the civil settlement. Following a review of any comments received and the Draft Work Plan as a whole, I will make a final recommendation to the Trustee Council in mid-August. The Council is scheduled to make its decision on the Work Plan on or about August 25th.

Peer Review Comments. The Chief Scientist's draft recommendation is as follows:

This has been an excellent program, producing landmark results in '94 and '95. It has achieved its objectives by providing management tools for the Upper Cook Inlet fishery. Closeout funds are requested for FY 96, but the amount seems high. This budget needs additional justification.

Budget Review Comments. The review of the closeout portion of the budget resulted in the following comments:

Personnel Costs. The majority of the costs for this project are personnel costs. I am not able to independently determine what portion of the personnel costs might be in excess of those needed, but 45.8 months (3.8 FTEs) appear to be more

Trustee Agencies

State of Alaska: Departments of Fish & Game, Law, and Environmental Conservation
United States: National Oceanic and Atmospheric Administration, Departments of Agriculture and Interior

than needed to accomplish closeout objectives without additional field work. For example, as there is no field work, are the three fish and wildlife technicians needed? Please review the personnel budget with an eye to reducing expenses, and provide a justification for your personnel needs.

Program management costs. In consultation with the trustee agencies, we have developed a policy of not funding program management costs in excess of one month per project unless unusual circumstances warrant additional time. Your budget includes 1.8 months of program management costs. Please reduce the program management time or provide a justification.

Travel Costs. Why are nine round trips needed between Kenai and Anchorage? Please revise the budget or provide additional justification.

If you have questions about the peer review or budget review comments, please contact the ADF&G liaison, Dr. Joe Sullivan. Please submit a revised budget or a written justification of the budget to the Restoration Office, Attn: Sandra Schubert by **July 14, 1995**. An electronic copy of the budget is not needed.

Thank you for your continuing interest in the *Exxon Valdez* restoration program. We value your contributions.

Sincerely,



Molly McCammon
Executive Director

cc: Dr. Joe Sullivan, ADF&G
Dr. Robert Spies, Chief Scientist

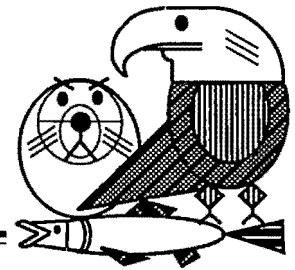
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Exxon Valdez Oil Spill Trustee Council

Restoration Office

645 G Street, Suite 401, Anchorage, Alaska 99501-3451

Phone: (907) 278-8012 Fax: (907) 276-7178



June 28, 1995

Dr. Mary Anne Bishop
Copper River Delta Institute
U.S. Forest Service
POB 1460
Cordova, Alaska 99574

Dear Mary Anne:

This letter is to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council consider Project 96104, Avian Predation on Blue Mussels in Prince William Sound, as a lower priority for funding in FY 1996. Although your proposal was rated highly by the scientific peer reviewers, the substantial financial commitment needed to continue on-going projects means that there is limited opportunity to start new projects in FY 96. However, I have asked the Chief Scientist to take another look at 96104 in relation to the Nearshore Vertebrate Predator project (96025). The NVP project is scheduled for a scientific review session following the 1995 field season; I will make a recommendation on FY 96 funding for NVP in November or December 1995.

At this time, I would like you to respond to the Chief Scientist's comment noted below regarding Knight Island -- whether you think including Knight Island is possible and desirable, and how it might be done and at what cost-- as well as to the peer reviewer comments which are enclosed (a memo is fine; you do not need to revise the DPD). Please submit your response to the Restoration Office, Attn: Sandra Schubert by **July 14, 1995**. I have also noted a series of budget concerns raised during our budget review, but am not asking you to respond to them now.

Peer Review Comments. The Chief Scientist's draft summary recommendation is as follows:

Very responsive to discussion in January workshop. This is a study that would help us interpret the results of the NVP (96025) project. The project needs to add a study site on Knight Island. I recommend one year of funding and integration with the NVP program.

Trustee Agencies

State of Alaska: Departments of Fish & Game, Law, and Environmental Conservation
United States: National Oceanic and Atmospheric Administration, Departments of Agriculture and Interior

In addition, I have attached specific comments from three different reviewers who read your proposal.

Budget Review Comments. As mentioned, you do not need to respond to these budget concerns now. However, should Project 96104 be recommended for funding at a later date, these concerns will need to be addressed.

Out-year Funding. The amounts requested on page 1 of the proposal seem to be the amounts requested for the Forest Service only, and not the Fish and Wildlife Service. Need to add \$8,000, \$9,000, and \$50,000 to fiscal years 1997, 1998, and 1999, respectively.

Personnel. Apparently no program management costs have been included for the Forest Service. A maximum of one month of time should be included for that purpose.

Travel. Two round trips to Fairbanks to meet with contractors on a \$20,000 contract seems unnecessary.

Contractual. It is not clear what indirect rate, if any, was applied to the \$20,000 contract with the University of Alaska Fairbanks. The indirect rate recently agreed to by the University and the Trustee Council is 25% of total direct costs, and the budget should be revised to reflect this. In addition, communications costs (long distance telephone and fax) are to be funded through General Administration funds and should not be budgeted for separately.

Commodities. Similarly, such items as office supplies and software upgrades should be funded through General Administration funds and should not be budgeted for separately.

My preliminary recommendation on Project 96104 will be incorporated into the Draft FY 96 Work Plan, which will be circulated for public review the end of June. The Draft Work Plan has not been reviewed or approved by the Trustee Council. The comment period on the draft closes on August 4. In addition to public comment on the draft, the proposed projects are being reviewed by legal staff to ensure consistency with the requirements of the civil settlement. Following review of any comments received and the Draft Work Plan as a whole, I will make a final recommendation in mid-August for action by the Trustee Council on or about August 25.

Thank you for submitting this proposal, and for your continued interest in the *Exxon Valdez* restoration program.

Sincerely,

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

Molly McCammon
Executive Director

Enclosures (3)

cc: Jim Sedell, USFS Corvallis
Ray Thompson, USFS
Dr. Dave Gibbons, USFS
Dr. Robert Spies, Chief Scientist

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FY 96 Peer Reviewer Evaluation Form
Technical Evaluation Criteria

Project No. 96104

Reviewer Name. HANEY

Project Title "Avian predation on blue mussels (*Mytilus edulis*) in Prince William Sound"

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

1. The overall scientific (research) merits of the proposal as demonstrated through (1) understanding of the problem, (2) soundness of the technical approach, (3) innovation and uniqueness of the project, and (4) feasibility.

Score 3.8 Comments?
Hypothesizes that availability of and competition for blue mussel prey could be constraining recovery of nearshore vertebrate predators, thus need to document impact of mobile avian predators on mussel populations. Geographic scope of project limited. Good background/justification based on literature. Abundance and distribution of avian predators easiest to document; mussel consumption and dependence by foraging birds could be problematic. Energy calculations feasible but subject to considerable variation depending on formulae and/or values employed. I rank understanding of the problem as above average, soundness of the technical approach as average, innovation and uniqueness as average to slightly below average, and feasibility as unknown. I question whether a four year funding commitment is really necessary.

2. The potential contribution of the proposal to the identified needs. For research proposals, this should reflect the priority given to the research need to which the proposal is addressed. In other words, to what extent the proposal will help achieve the restoration objectives identified for that resource. (The objectives are listed in the Invitation and also in the Restoration Plan).

Score 3.5 Comments?

Has adequate potential to contribute to restoration goals in FY 96 and beyond, particularly relevant to the NVPP. Not quite clear yet, however, why this project is needed at the present. Rather narrow scope.

REVIEW COMMENTS ON AVIAN PREDATION ON BULE MUSSELS - 96104

This proposal has great potential but requires much refinement to realize that potential. The PI argues correctly in my opinion that the Nearshore Vertebrate Predator Program has ignored the impacts of bird predation on mussels and that this may jeopardize the PI's ability to connect a delay in recovery of certain mussel consumers (sea otters and harlequin ducks) to prey (mussel) abundance. Despite the wisdom of the PI's argument for assessing the effects of shorebird and gull predation on mussels as part of the Nearshore Vertebrate Predator Program, this proposal does not show sufficient integration into that broader program. Much additional work is required, and in my judgement should be encouraged and supported. For example, to feed adequately into that other ecosystem program, the bird feeding studies would need to be done on both Montague and Knight Islands, and at the very study sites used as control and treatment sites in that study. This proposal covers only a portion of what is needed. In addition, much more careful attention needs to be given to exactly how that larger program will be interpreting its mussel data and how that interpretation is improved by knowledge of bird foraging to be provided in this study. The importance of this project is great enough that I would suggest that this additional work on methods be done and that this be integrated with and added to the Nearshore Vertebrate Predator Program.

Bishop has excellent credentials as an ornithologist and works effectively in remote field conditions. I would urge only that she include as a consultant with an on-site visit someone like Chris Marsh who has extensive experience in designing observational and caging studies to estimate impacts of shorebird predation on rocky intertidal invertebrates. I suspect that he would be available and willing.

I also personally endorse the importance of studying the significance of herring roe to the energetics of surfbirds prior to their migration. That is a question of sufficient importance and relevance to EVOS damages (to herring) to justify that component of this study on separate grounds. The analogy with the importance of horseshoe crab eggs to the population of red knots that use the Delaare Bay for critical refueling is compelling.

CHECKLIST: STAFF REVIEW OF FY 96 PROPOSALS

nearshore
96104
~~# 9615321-BAA~~

Project Title: 96104--AVIAN PREDATION ON BLUE MUSSELS IN PWS

Staff Person Reviewing : SENNER

A. Threshold Questions

1. Does the project meet the terms of the settlement? YES

Cite relevant restoration objectives and strategies from Restoration Plan (include page number):

-RESTORATION OBJECTIVE IS RECOVERY OF NEARSHORE SPECIES/ECOSYSTEM TO PRESPILL LEVELS OR AT LEAST TO POINT WHERE THERE IS NO DIFFERENCE BETWEEN OILED AND UNOILED AREAS (P. 65+, RESTORATION PLAN).

-STRATEGY IS MONITORING AND RESEARCH TO DETERMINE WHY RECOVERY HAS NOT YET OCCURRED. ADDITIONALLY, MAY BE NEED TO CLEAN ADDITIONAL OILED MUSSEL BEDS OR, POSSIBLY, ENHANCE MUSSEL POPULATIONS(?).

Note any inconsistencies with Restoration Plan policies: NONE

Note any additional legal or policy questions: POSSIBLE COLLECTION OF BIRD SPECIMENS, DEPENDING ON RESULTS OF CURRENT 95320Q

2. Is the proposal responsive to the BAA (i.e., research or monitoring)? N/A
3. Does the proposal have sufficient detail for evaluation? YES

B. Administrative Issues

1. Does the proposer have a late report from a previous year? NO
2. Is the proposer's FY 95 DPD still not approved? IT IS APPROVED
3. Coding (provide 2-5 only if noted in DPD):
- | | |
|--------------------|------|
| 1) R M GR HP A RR: | R |
| 2) RFP RSA BAA: | |
| 3) A F: | A |
| 4) CE EA EIS DONE: | CE |
| 5) NOAA DOI USFS: | USFS |

CHECKLIST: STAFF REVIEW OF FY 96 PROPOSALS

9615321-BAA

C. Additional Issues

1. Identification of measurable project tasks: YES
2. Articulation of objectives, and milestones/endpoints for each objective: YES
- 2A. For research projects: how will the information be used for restoration or management?
 - MONITOR HEALTH OF NEARSHORE ECOSYSTEM
 - HELP DETERMINE WHETHER NECESSARY TO CLEAN ADDITIONAL MUSSEL BEDS OR ATTEMPT TO AUGMENT MUSSEL POPULATIONS
3. Incorporation of previous policy recommendations from Restoration Workshop, Spies memos, etc. (note budget differences from Invitation): N/A
4. Description of community involvement efforts: POSSIBILITY OF LOCAL HIRES FOR FIELD ASSISTANTS
5. Coordination with other projects (note any similar projects that appear to duplicate or conflict with this project):
 - IF APPROVED, THIS PROJECT NEEDS TO BE FULLY INTEGRATED INTO NVP PROJECT (95025). SURVEYS OF HERRING SPAWN DEPEND ON 95166. LINKAGE TO AND POSSIBLE OVERLAP WITH 96072.
6. Budget issues:
 - QUESTION THE NEED FOR 3.0 MO OF A STATISTICIAN'S TIME.

D. Summary Comments

1. Questions for peer reviewers:
 - THERE IS AN ALTERNATIVE TO HYPOTHESIS 3 -- I.E., MUSSEL ABUNDANCE INCREASES WHEN HERRING SPAWN OCCURS ON MONTAGUE, BECAUSE THE BIRDS SWITCH TO THE MORE EASILY OBTAINED HERRING EGGS.
 - I DON'T UNDERSTAND HYPOTHESIS 4.
 - IN REGARD TO THE ENERGETIC VALUE OF *MYTILUS* VERSUS HERRING ROE, THE ISSUE IS NOT SIMPLY WHICH HAS HIGHER ENERGY CONTENT. SINCE EGGS ARE EASILY OBTAINED (70/MIN) AND DIGESTED COMPARED TO MUSSELS (1/MIN), THE EQUATION MUST INCLUDE ENERGETIC COST OF OBTAINING. FURTHER, IN THE CASE OF SURFBIRDS,

WHICH SWALLOW MUSSELS WHOLE, THERE IS AN ENERGETIC COST TO DIGESTION, WHICH INCLUDES THE COST OF THE GIZZARD SMASHING THE SHELL. HERRING EGGS, ON THE OTHER HAND, VIRTUALLY MELT IN THEIR MOUTH.

-ON P. 8 THE PI SAYS THAT OYSTERCATCHERS WILL BE OBSERVED IN AREAS FREQUENTED, WHETHER OR NOT THAT AREA WAS PREVIOUSLY SAMPLED FOR MUSSELS BY 95025. CAN WE BE CONFIDENT THAT THE SAMPLED MUSSEL BEDS WILL BE REPRESENTATIVE? SHOULD THERE BE SOME SAMPLING WHEREVER THE OYSTERCATCHERS ARE TO TEST FOR DIFFERENCES IN THE BEDS SAMPLED BY 95025? WHAT IF OYSTERCATCHERS ARE NEVER IN BEDS SAMPLED BY 95025? HOW DOES THE SAMPLING PROPOSED HERE RELATE TO THAT PROPOSED ON P. 8 OF 96072?

-ON P. 9 THE PI SAYS THAT CONTROL ENCLOSURES WILL BE PAIRED 2 M PERPENDICULAR TO THE TIDE LINE. THAT MEANS THAT CONTROLS WILL BE AT DIFFERENT TIDE ELEVATIONS ABOVE OR BELOW THE EXPERIMENTAL ENCLOSURE. SHOULDN'T THE CONTROLS BE LOCATED PARALLEL TO THE TIDE LINE, AT THE SAME ELEVATION AS THE EXPERIMENTAL ENCLOSURES?

--BEFORE MORE COLLECTIONS OF SURFBIRDS CAN BE JUSTIFIED, I WOULD WANT TO SEE THE RESULTS OF THE SPRING 1995 COLLECTIONS (95320Q), BUT ALSO CAREFULLY REVIEW THE UNPUBL. DATA ON SURFBIRDS COLLECTED IN PWS PLUS THOSE COLLECTED IN OREGON BY MARSH (1984), NAVARRO ET AL. (1989) IN CHILE, AND PERHAPS OTHERS (E.G., CONNORS IN CA?). AT LEAST TWO OF THESE STUDIES REPORT ON SIZES AND NUMBERS OF MUSSELS TAKEN IN ABSENCE OF HERRING ROE.

-IN REGARD TO COLOR-MARKING, IT SURE CAN BE TOUGH TO SPOT COLOR BANDS ON LEGS, ESPECIALLY FLOCKS OFTEN ARE FLUSHING AWAY FROM BOATS. HOW ABOUT USING PICRIC ACID AND OTHER DYES ON THE SURFBIRDS BIG WHITE TAIL/UPPER RUMP PATCH?

-ON P. 10, I DON'T KNOW HOW MUCH TIME NEEDS TO BE SPENT DEVELOPING A LENGTH-WEIGHT REGRESSION ON MUSSELS. THEY ARE SO WELL STUDIED, THERE MUST BE LOTS OF VALUES IN THE LITERATURE? MAYBE NOT?

2. Other:

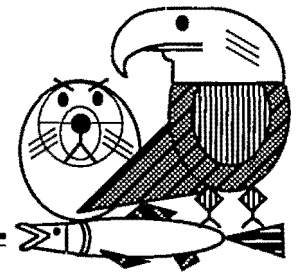
-I HAVE LOTS OF METHODOLOGICAL QUESTIONS ABOUT THIS PROJECT, BUT NONE OF THEM FATAL. THIS PROJECT COULD SUPPLY SOME KEY INGREDIENTS MISSING FROM NVP PROJECT, ESPECIALLY IN TANDEM WITH 96072.

Exxon Valdez Oil Spill Trustee Council

Restoration Office

645 G Street, Suite 401, Anchorage, Alaska 99501-3451

Phone: (907) 278-8012 Fax: (907) 276-7178



June 28, 1995

Nick Dudiak
Alaska Department of Fish and Game
3298 Douglas Street
Homer, Alaska 99603

Dear ~~Mr. Dudiak~~ *Nick*:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Trustee Council approve funding for Project 96139A2/Spawning Channel Construction Project Port Dick Creek, Lower Cook Inlet. However, my recommendation is dependent upon incorporating the objectives of project 96139D into your project, and upon completion of the Environmental Assessment as required by federal law. I have received your letter dated June 22, 1995 regarding Project 96139D, and have asked the Chief Scientist to comment on it.

My preliminary recommendation will be incorporated into the Draft Work Plan, which will be circulated for public review in late June. The Draft Work Plan has not been reviewed or approved by the Trustee Council. The comment period on the draft closes on August 4. In addition to public comment on the draft, recommended projects are being reviewed by legal staff to ensure consistency with the requirements of the civil settlement. Following a review of any comments received and the Draft Work Plan as a whole, I will make a final recommendation to the Trustee Council in mid-August. The Council is scheduled to make its decision on the Work Plan on or about August 25th.

Peer Review Comments. The Chief Scientist's draft recommendation is as follows:

Implementation of this proposal will likely enhance pink salmon production. The proposal includes plans to monitor performance of the modified channel. The project has been previously approved in FY 95.

Budget Review Comments. Please consider the following concerns raised by the budget review, and either revise the budget accordingly or provide additional justification:

Travel Costs. Given that, presumably, the Fish and Game technicians are based in Homer, are five trips needed from Anchorage to Homer? Also, please budget

Trustee Agencies

State of Alaska: Departments of Fish & Game, Law, and Environmental Conservation

United States: National Oceanic and Atmospheric Administration, Departments of Agriculture and Interior

one trip for the PI to attend the Restoration Workshop in Anchorage. Please assume that the workshop will last a week.

Contractual Costs. Please review the helicopter trips to determine whether some can be combined with the float plane trips, which are somewhat less expensive.

Commodity Costs. The budget indicates food for three people for 30 days. Are all three non-management personnel on this project, including the civil engineer, planning to spend 30 days in the field? Please review this portion of the budget, and revise it if three people are not appropriate.

New Equipment. General Administration, which is \$18,300 for this project, typically covers the cost of maintaining an office. Thus, unless the requested computer is above and beyond the usual office complement of equipment, it is not allowable under Trustee Council operating procedures. Please review this portion of the budget and eliminate this cost, if appropriate.

If you have questions about the peer review or budget review comments, please contact the ADF&G liaison, Dr. Joe Sullivan. If you revise the Detailed Project Description (DPD) to include the objectives of 96139D, please submit a paper copy and an electronic copy of the revised DPD to the Restoration Office, Attn: Sandra Schubert by **July 14, 1995**. A revised budget, or additional budget justification, should also be submitted by this date. (An electronic copy of the budget is not needed.)

Thank you for your continuing interest in the *Exxon Valdez* restoration program.

Sincerely,



Molly McCammon
Executive Director

cc: Dr. Joe Sullivan, ADF&G
Dr. Robert Spies, Chief Scientist

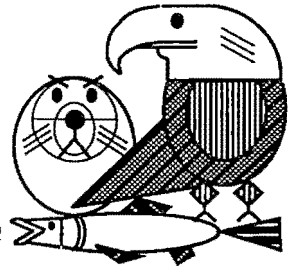
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Exxon Valdez Oil Spill Trustee Council

Restoration Office

645 G Street, Suite 401, Anchorage, Alaska 99501-3451

Phone: (907) 278-8012 Fax: (907) 276-7178



June 28, 1995

Craig Matkin
North Gulf Oceanic Society
POB 15244
Homer, Alaska 99603

Dear Craig:

This letter is to inform you of my preliminary recommendation that the *Exxon Valdez* Trustee Council approve close-out funding for Project 96012A/Comprehensive Killer Whale Investigation in Prince William Sound (PWS), Alaska.

My preliminary recommendation will be incorporated into the Draft Work Plan, which will be circulated for public review later this month. The Draft Work Plan has not been reviewed or approved by the Trustee Council. The comment period on the draft closes on August 4. Recommended projects are also being reviewed by legal staff to ensure consistency with the requirements of the civil settlement. Following a review of comments received and the Draft Work Plan as a whole, I will make a final recommendation to the Trustee Council in mid-August. The Trustee Council is scheduled to make its decision on the Work Plan on or about August 25.

Peer Review Comments. The Chief Scientist's draft recommendation on Project 96012A is as follows:

This is a very good proposal that will monitor killer whales in PWS to track their recovery. The project will collect biopsy samples that will be used for genetic and trophic analysis (free fatty acids and stable isotopes). The inclusion of remote hydrophones is innovative and should result in a longer-term and greater year-round coverage of killer whale use of PWS. More consideration of possible winter-time observations is suggested. The proposal is generally very cost-effective. If killer whales are to be effectively monitored the absolute minimum frequency is once every two years.

Although the quality of your work and your proposal is very good, my preliminary recommendation is to close out Project 95012; the Draft Work Plan will contain a placeholder budget of \$50,000 to complete this work. The preliminary monitoring schedule in the Draft FY 95 Work Plan indicates that killer whales may be monitored every other year, and the killer whale recovery objective also needs to be reassessed.

Trustee Agencies

State of Alaska: Departments of Fish & Game, Law, and Environmental Conservation

United States: National Oceanic and Atmospheric Administration, Departments of Agriculture and Interior

Furthermore, as stated in the *Invitation*, "By Spring 1996, there is expected to be enough data and analysis to reevaluate the killer whale predation hypothesis and determine if further research is warranted." The final report for Project 95012, together with results from Project 95064, should provide the information needed to reevaluate the killer whale predation hypothesis.

Thus, my recommendation is to not fund additional field work in FY 96. Please revise the DPD to reflect the work you propose for closing out Project 95012, and its cost. The revised DPD will be subject to independent scientific review and budget review.

Budget Review Comments. Please revise the project budget to correspond to the revised DPD. Once you have completed Forms 4A and B, please work with NOAA to complete Forms 3A and B. These forms reflect program management and general administration costs. Consistent with recently adopted guidelines, agency program management costs should be limited to one month of a program manager's time.

If you have questions about the peer review comments or budget comments, please contact Byron Morris (ph. 789-6600), the liaison for the National Oceanic and Atmospheric Administration (NOAA), which is the lead trustee agency for this project. Please submit the revised DPD and the revised budget to the Restoration Office, Attn. Sandra Schubert, by **July 14, 1995**. Please also submit an electronic copy of the DPD; an electronic copy of the revised budget is not needed.

Thank you for your continuing interest in the *Exxon Valdez* restoration program.

Sincerely,



Molly McCammon
Executive Director

cc: Dr. Byron Morris, NOAA
Ms. Heide Sickles, NOAA
Dr. Robert Spies, Chief Scientist

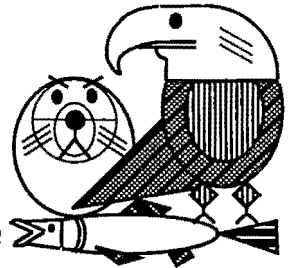
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Exxon Valdez Oil Spill Trustee Council

Restoration Office

645 G Street, Suite 401, Anchorage, Alaska 99501-3451

Phone: (907) 278-8012 Fax: (907) 276-7178



June 28, 1995

Bill Hauser
Alaska Department of Fish and Game
333 Raspberry Road
Anchorage, Alaska 99518

Dear Bill:

The purpose of this letter is to inform you of my preliminary recommendation that the *Exxon Valdez* Trustee Council fund Project 96164/Pacific Herring Projects Coordination contingent on revision of the project description and budget to provide scientific leadership, not just project coordination for herring research. Provision of scientific leadership is of paramount importance for the success of the herring research program.

My preliminary recommendation will be incorporated into the Draft Work Plan, which will be circulated for public review later this month. The Draft Work Plan has not been reviewed or approved by the Trustee Council. The comment period on the draft closes on August 4. Recommended projects are also being reviewed by legal staff to ensure consistency with the requirements of the civil settlement. Following review of any comments received and the Draft Work Plan as a whole, I will make a final recommendation to the Trustee Council in mid-August. The Trustee Council is scheduled to make its decision on the Work Plan on or about August 25.

Peer Review Comments. The Chief Scientist's draft recommendation on Project 96164 is as follows:

As proposed, this project does not fully address the need for program direction/intellectual leadership. A revised proposal which fulfills that objective would be appropriate and more favorably received.

Dr. Spies has elaborated on his concerns in his letter of June 12, 1995, which is enclosed. Please revise the Detailed Project Description (DPD) to address Dr. Spies' concerns.

I know that you and Joe Sullivan have had several teleconferences with Bob Spies, Stan Senner, and others about how to proceed. One promising option may be to combine herring program leadership in Project 96164 with the new herring PI needed

Trustee Agencies

State of Alaska: Departments of Fish & Game, Law, and Environmental Conservation
United States: National Oceanic and Atmospheric Administration, Departments of Agriculture and Interior

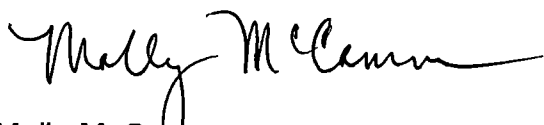
for Project 96166.

Budget Considerations. Please revise the project budget to correspond to the revised project description. The revised budget will be subject to a thorough review.

Please submit the revised DPD and the revised budget to the Restoration Office, Attn. Sandra Schubert, by **July 14, 1995**. Please also submit an electronic copy of the DPD; an electronic copy of the revised budget is not needed.

Thank you for your continuing interest in the *Exxon Valdez* restoration program.

Sincerely,



Molly McCammon
Executive Director

Enclosure

cc: Dr. Joe Sullivan, ADF&G
Dr. Robert Spies, Chief Scientist

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A P P L I E D
marine
S C I E N C E S

June 12, 1995

Mr. William Hauser
Alaska Department of Fish and Game
Habitat and Restoration Division
333 Raspberry Rd.
Anchorage, Alaska 99518-1599

Dear Bill,

I am anxious to resolve the question of the leadership of the Trustee Council-sponsored herring projects within the Alaska Department of Fish and Game including the related SEA program. This is relevant to the assurances given last year by the Department at the time of the funding of the 1995 work plan, and the current ADF&G proposal for funding a herring coordinator (96164). Both the principal peer reviewer and I strongly support the notion of a senior herring biologist that can lead the entire effort for the Department and for the Trustee Council. Having the experience with herring biology, and the intellectual leadership to evaluate all the current aspects of the program, knowing the current program, and being able to make insightful recommendations for future studies, are all key attributes of such a leader. In short, the leader should be fully responsible for knowing and evaluating all aspects of Prince William Sound Herring:

1. The current problem--depressed stock, possible poor reproduction, involvement of disease, possible overwintering survival problems, the need for better management, etc.
2. The programs underway to address the problems--disease, reproductive evaluation, genetic stock evaluation, natal habitat evaluation, trophic work in the SEA plan, etc.
3. The synthesis of program data--how many stocks are there in PWS?, What are the most likely explanations for the current depressed state of the stock(s)?, Responsibility for evaluation of the various management tools available--spawn deposition, 0+ age class surveys, hydroacoustic surveys, interpretation of the SEA program data for management actions in the future.
4. Recommendations for the future of herring research, including designing a plan for transition of the herring program to normal agency management funding.

The Department had suggested a coordinator position, which we think fulfills some, but not all, of the needs of the Trustee Council. As framed in



JUN-12-1995 14:40 ATTENDED MARINE SCIENCES 010 010 1034 7.23/83
the detailed project description, however, I am of the opinion that we need leadership beyond project coordination.

A suggestion was also made that a half-time peer reviewer be hired to take on these responsibilities. I have several concerns with this idea. First, the budget for the peer review process cannot presently absorb such a cost. Second, it is unclear what authority this person would have within ADF&G. Third, this would set up a conflict between project performance and its evaluation in the review process.

If further discussion is needed I am available to meet in the near future in order to resolve this issue. As it stands now, my recommendation to the Executive Director is that the funding for all 1996 herring projects is contingent upon finding a scientific leader.

Sincerely,



Robert B. Spies

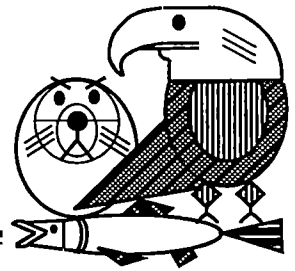
CC: M. McCammon
J. Sullivan
R. Loeffler
S. Senner

Exxon Valdez Oil Spill Trustee Council

Restoration Office

645 G Street, Suite 401, Anchorage, Alaska 99501-3451

Phone: (907) 278-8012 Fax: (907) 276-7178



June 28, 1995

Jeff Short
NOAA/NMFS
Auke Bay Laboratory
11305 Glacier Highway
Juneau, Alaska 99801

Dear Jeff:

This letter is to inform you of my preliminary recommendation that the *Exxon Valdez* Trustee Council approve funding for Project 96290/Hydrocarbon Data Analysis, Interpretation, and Database Management. However, my recommendation is contingent on receiving a status report indicating that the current hydrocarbon backlog is being addressed.

My preliminary recommendation on Project 96290 will be incorporated into the Draft Work Plan, which will be circulated for public review in late June. The Draft Work Plan has not been reviewed or approved by the Trustee Council. The comment period on the draft closes on August 4, 1995. In addition to public comment on the draft, recommended projects are being reviewed by legal staff to ensure consistency with the requirements of the civil settlement. Following review of any comments received and the Draft Work Plan as a whole, I will make a final recommendation to the Trustee Council. The Council is scheduled to make its decision on the Work Plan on or about August 25th.

Peer Review Comments. The Chief Scientist's draft recommendation on Project 96290 follows:

This is an excellent proposal. The work is necessary to support the many projects, both past and present, that continue to face the task of obtaining and correctly interpreting environmental hydrocarbon data.

Budget Review Comments. Please consider the following concerns about specific line item requests, and either revise the budget accordingly or provide additional justification.

Trustee Agencies

State of Alaska: Departments of Fish & Game, Law, and Environmental Conservation
United States: National Oceanic and Atmospheric Administration, Departments of Agriculture and Interior

Travel Costs. The budget instructions in the *Invitation* called for including funds for two trips to Anchorage for each principal investigator to attend workshops. Your budget contains funds for four trips.

General Administration. Computer maintenance and repairs, like other routine office expenses, are to be purchased out of "general administration" funds and should not be budgeted for separately.

Please submit a revised budget or written justification to the Restoration Office, Attn: Sandra Schubert by **July 14, 1995**. (An electronic copy of the budget is not needed.) A memorandum detailing your plan for addressing the hydrocarbon analysis backlog should also be submitted by that date.

Thank you for your continuing interest in the *Exxon Valdez* restoration program.

Sincerely,

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

Molly McCammon
Executive Director

cc: Byron Morris, NOAA
Dr. Robert Spies, Chief Scientist

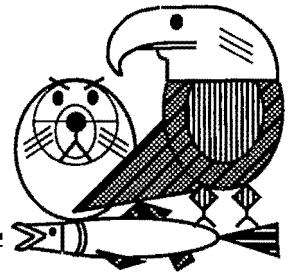
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Exxon Valdez Oil Spill Trustee Council

Restoration Office

645 G Street, Suite 401, Anchorage, Alaska 99501-3451

Phone: (907) 278-8012 Fax: (907) 276-7178



June 28, 1995

Graham Worthy, Ph. D.
Marine Mammal Research Program
4700 Avenue U, Building 303
Galveston, Texas 77551

Dear Dr. Worthy:

This letter is to inform you of my preliminary recommendation that the *Exxon Valdez* Trustee Council not fund Project 96121/Stable Isotope Ratios and Fatty Acid Signatures of Selected Forage Fish Species in Prince William Sound. In my opinion, this project would be appropriate only if Project 96012A and 96012B were recommended for funding. These two projects propose to investigate the hypothesis that killer whale predation on harbor seals is a factor limiting the recovery of killer whales. I do not recommend funding for Project 96012B and I recommend closing out Project 95012A in FY 96. The final report for Project 95012, together with results from Project 95064 (Monitoring, Habitat Use, and Trophic Interactions of Harbor Seals in Prince William Sound), should provide the information needed to reevaluate the killer whale predation hypothesis and determine if further research is warranted.

My preliminary recommendation will be incorporated into the Draft Work Plan, which will be distributed for public review in late June. The Draft Work Plan has not been reviewed or approved by the Trustee Council. The public comment period on the draft closes on August 4. Following review of any comments received and the Draft Work Plan as a whole, I will make a final recommendation to the Trustee Council in mid-August. The Trustee Council is scheduled to make its decision on the Work Plan on or about August 25.

Thank you for your continuing interest in the *Exxon Valdez* restoration program. If you would like more information on my recommendation on Project 96121, please contact Stan Senner, the Science Coordinator here at the Restoration Office.

Sincerely,

Molly McCammon
Executive Director

cc: Dr. Byron Morris, NOAA Dr. Robert Spies, Chief Scientist
Ms. Heide Sickles, NOAA

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Trustee Agencies

State of Alaska: Departments of Fish & Game, Law, and Environmental Conservation

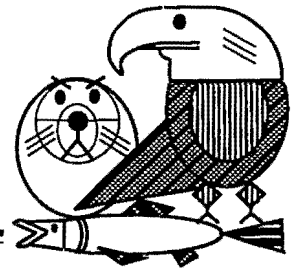
United States: National Oceanic and Atmospheric Administration, Departments of Agriculture and Interior

Exxon Valdez Oil Spill Trustee Council

Restoration Office

645 G Street, Suite 401, Anchorage, Alaska 99501-3451

Phone: (907) 278-8012 Fax: (907) 276-7178



June 28, 1995

Eleanor McMullen, Chief
Port Graham IRA Council
POB 5543
Port Graham, Alaska 99603

Eleanor
Dear Ms. McMullen:-

This letter is to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council defer a decision on funding Project 96225, Port Graham Pink Salmon Subsistence, in Fiscal Year 1996 until a revised Detailed Project Description (DPD) answering a number of important questions can be prepared. These questions are described below under the heading of Peer Review Comments.

My preliminary recommendation will be incorporated into the Draft FY 96 Work Plan, which will be circulated for public review very soon. The Draft Work Plan has not been reviewed or approved by the Trustee Council. The comment period on the draft closes on August 4. In addition to public comment on the draft, the proposed projects are being reviewed by legal staff to ensure consistency with the requirements of the civil settlement. Following review of any comments received and the Draft Work Plan as a whole, I will make a final recommendation in mid-August for action by the Trustee Council on or about August 25.

Peer Review Comments. The Chief Scientist's draft recommendation follows:

Potentially worthwhile project but lacks details on how objectives will be accomplished. Therefore, at this time it is not possible to assess how this proposal would fit with supplementation criteria and how effective it might be.

Thus, we need additional details about how the project objectives will be accomplished and how they fit with the supplementation criteria, which were described in the *Invitation to Submit Restoration Projects for FY 96* (copy of criteria enclosed). In addition, the following specific questions should be addressed in the revised DPD:

- What is the source of the pink salmon brood stock?
- Where will the juveniles be released from the hatchery?
- Have the State of Alaska statutes and regulations governing salmon

Trustee Agencies

State of Alaska: Departments of Fish & Game, Law, and Environmental Conservation
United States: National Oceanic and Atmospheric Administration, Departments of Agriculture and Interior

- aquaculture been considered and satisfied?
- How long will Trustee Council funding support be required for this project?
- Where does this project fit in the larger oil spill restoration program as outlined in the November 1994 *Exxon Valdez Oil Spill Restoration Plan*?


Budget Review Comments. We will need to review the budget more closely once you submit a revised DPD. The personnel for agency program management on this project should be limited to one month.

In addition, I'd like to remind you that the Trustee Council is not able to grant funds directly to non-agency proposers, but rather must channel all funds through one of the six trustee agencies. The trustee agencies are then required to follow state or federal procurement and contracting rules, which generally require that funds to non-agency proposers be awarded through a competitive process. There are exceptions to the requirement for competition, and these are currently being pursued by my staff and ADF&G in regard to Project 96225. At this time, I am not able to say whether the funds for this project would come directly to the Port Graham IRA Council or not, but I will keep you informed as we work this out.

We are eager to have a revised DPD, and ask that you submit it to the Restoration Office, Attn. Sandra Schubert by **July 14, 1995**. I recommend working closely with the Trustee Council liaison at the Alaska Department of Fish and Game, Dr. Joe Sullivan, in revising the DPD. If you have questions about my recommendation or the peer or budget review comments, or if we can assist you in any other way in the preparation of a revised DPD, please also call Sandra Schubert.

Thank you for your continuing interest in the *Exxon Valdez* Oil Spill restoration program.

Sincerely,



Molly McCammon
Executive Director

Enclosure

cc: Dr. Joe Sullivan, ADF&G
Dave Daisy, Chugach Regional Resources Corporation
Dr. Robert Spies, Chief Scientist

Supplementation Criteria

(Extract from *Invitation to Submit Restoration Projects for Federal Fiscal Year 1996 and Draft Restoration Program: FY 96 and Beyond*, March 1995, pages 34-35.)

Discussion

Supplementation describes artificial techniques that provide on-site survival benefits to natural fish populations. By this definition, supplementation must provide benefits to natural populations in the localities where they complete their life cycle. Examples of supplementation include constructing spawning channels to increase spawning habitat, using rearing pens to increase marine survival, or providing remote-release salmon runs for the purpose of drawing fishing pressure away from injured wild stocks.

The Trustee Council recognizes that supplementation techniques are important tools for restoration of certain fish stocks. However, supplementation also has the potential to injure stocks of fish. Because of this potential, each supplementation proposal must show that they do not carry unacceptable risks:

SUPPLEMENTATION CRITERIA. To explore the opportunities and potential risks of supplementation, the Trustee Council sponsored a workshop on the subject in January 1995. The criteria and guidelines developed in the workshop will be used by the Trustee Council when considering supplementation projects for possible Trustee Council funding. They are summarized below.

Benefits of Supplementation. To be considered for Trustee Council funding, a supplementation proposal must demonstrate that its benefits outweigh its risks. Examples of benefits are rehabilitating of wild populations, providing additional population for harvest, or protecting subpopulations that may be in danger of extinction.

Genetic Risk. Genetic risk involves risk to the natural stocks being targeted, or to other non-targeted stocks. Genetic risk operates through the forces of natural selection, genetic drift, gene flow and mutation. The risks may have the effect of decreasing the adaptation of natural populations to their environment, or making them more vulnerable to natural and human changes. The risks include: loss of genetic variation within natural breeding populations; changes in genetic composition of the population through natural selection; or hybridization of the natural stock with supplemental stock of a different genetic character. All of these can lead to poor survival in future generations and loss of production. They can also make a local population less able to rebound from a change such as a year of overharvest, or a year of poor survival at sea. If a population or subpopulation has not been reduced from historic population levels, and is not in danger of extinction, supplementation proposals that involve significant genetic risk are not likely to be funded by the Trustee Council.

Mixed-stock Fisheries. Supplementation proposals must not create or exacerbate problems in

mixed-stock fisheries. Mixed-stock fisheries, like those of Prince William Sound, create the potential for additional risk and benefits. In some circumstances, the pressure for additional harvest that accompanies successful supplementation may cause overharvest of an unsupplemented stock. For example, pink salmon returns to the Coghill District of Prince William Sound have not always met escapement goals. Fish returning to this district must "run the gauntlet" of fishing vessels in the southwest and western parts of Prince William Sound at the time when the fleet is focused on the large hatchery return in these areas. Thus, supplementation that increases the concentration of fishing vessels in this district has the potential to exacerbate this problem. Conversely, supplementation efforts, including techniques such as establishing alternative remote-release runs, which draw the fleet from these areas, may have the effect of allowing the Coghill District stocks to more regularly meet escapement goals.

Monitoring and Evaluation. Because of the potential for significant risk an evaluation program is necessary to assess the likelihood of success and potential for risk. Once a proposal is implemented, monitoring is necessary to assess whether the program succeeded and whether significant harm was avoided. The degree of evaluation and monitoring should be dependent upon the level of risk. Those proposing higher risk projects should be willing to incur higher monitoring and evaluation costs than those proposing projects with lesser potential risk.

Economic Criteria. To the extent it is available, information regarding the economic costs and benefits of a project must be provided for the Trustee Council to evaluate a project. However, quantifiable economic data may not capture intangible values, such as the value of preventing the extinction of a subpopulation of a resource, and the Trustee Council may elect to approve a project with a quantified benefit/cost ratio of less than one after considering these non-quantified values.

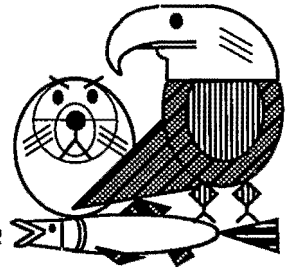
Procedural Criteria. The State of Alaska requires permits for some types of supplementation: for example, a fish transport permit, or approval by the Regional (Salmon) Planning Team. These permits bring the substantial expertise of Alaska fisheries managers to the evaluation of supplementation projects. Proposals for Trustee Council funding should have cleared these requirements *before* the Council is asked to approve a project. Federal law requires an evaluation of potential environmental effects according to the standards of the National Environmental Policy Act. Because of the potential for risk, the analysis may require significant cost or time, but it must be completed before a final decision is made concerning funding a supplementation project.

Exxon Valdez Oil Spill Trustee Council

Restoration Office

645 G Street, Suite 401, Anchorage, Alaska 99501-3451

Phone: (907) 278-8012 Fax: (907) 276-7178



June 28, 1995

Peter Selanoff
Chenega Bay IRA Council
General Delivery
Chenega Bay, Alaska 99574

Dear Mr. Selanoff:

This letter is to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council fund Project 96222, Chenega Bay Salmon Restoration, contingent on submission of a more complete Detailed Project Description (DPD) and resolution of questions about program management costs for the involved government agencies.

In regard to the need for a more complete DPD, specifically what is needed is more information on the methods to be used, measurable project tasks and milestones proposed for FY 96, and a clear schedule. I recommend working with the Alaska Department of Fish and Game and the U.S. Forest Service to supply this information and would be happy to set up a meeting for that purpose if that would be helpful.

My preliminary recommendation will be incorporated into the Draft FY 96 Work Plan, which will be circulated for public review later this month. The Draft Work Plan has not been reviewed or approved by the Trustee Council. The comment period on the draft closes on August 4. In addition to public comment on the draft, the proposed projects are being reviewed by legal staff to ensure consistency with the requirements of the civil settlement. Following review of any comments received and the Draft Work Plan as a whole, I will make a final recommendation in mid-August for action by the Trustee Council on or about August 25.

Peer Review Comments. The Chief Scientist's draft recommendation follows:

Excellent replacement project involving habitat alteration. Enhancement consists primarily of habitat improvement and appears to be relatively benign biologically. Recommend assessment of resident fish population upstream of barrier. Fiscally, question ADF&G management costs in this project (USFS is lead agency).

In regard to resident species, there is a need to address the possible effects of interspecific competition as a result of increased salmon production.

Trustee Agencies

State of Alaska: Departments of Fish & Game, Law, and Environmental Conservation
United States: National Oceanic and Atmospheric Administration, Departments of Agriculture and Interior

Budget Review Comments. The main budget issue concerns the government agencies rather than the Chenega Bay IRA Council. The agencies (ADF&G and USFS) need to address which agency is doing what and assign program management costs accordingly. A revised budget which accurately reflects the agency program management costs and explains the role of each agency in the project should be submitted to the Restoration Office along with the revised DPD.

In addition, I'd like to remind you that the Trustee Council is not able to grant funds directly to non-agency proposers, but rather must channel all funds through one of the six trustee agencies. The trustee agencies are then required to follow state or federal procurement and contracting rules, which generally require that funds to non-agency proposers be awarded through a competitive process. There are exceptions to the requirement for competition, and these are currently being pursued by my staff and the USFS in regard to Project 96222. At this time, I am not able to say whether the funds for this project would come directly to the Chenega Bay IRA Council or not, but I will keep you informed as we work this out.

If you have any questions about my initial recommendation or the peer and budget review comments, or would like assistance in setting up a meeting with the ADF&G or USFS, please contact Stan Senner, Science Coordinator, here at the Restoration Office. A revised DPD, and a budget with corrected agency program management costs, must be submitted to the Restoration Office, Attn. Sandra Schubert, by **July 14, 1995**. (An electronic copy of the new DPD is required; an electronic copy of the new budget is not required.)

Thank you for your continuing interest in the *Exxon Valdez* Oil Spill restoration program.

Sincerely,



Molly McCammon
Executive Director

cc: Dr. Joe Sullivan, ADF&G
Mr. Ray Thompson, USFS
Dr. Robert Spies, Chief Scientist

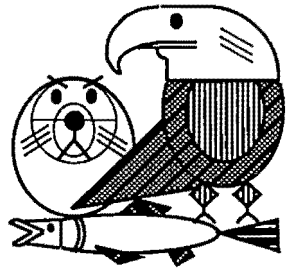
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Exxon Valdez Oil Spill Trustee Council

Restoration Office

645 G Street, Suite 401, Anchorage, Alaska 99501-3451

Phone: (907) 278-8012 Fax: (907) 276-7178



June 28, 1995

Gary Kompkoff, President
Tatitlek IRA Council
POB 171
Tatitlek, Alaska 99677

Joe Sullivan
Alaska Department of Fish and Game
333 Raspberry Road
Anchorage, Alaska 99518

Dear Gary and Joe:

This letter is to inform you of my preliminary recommendation that the *Exxon Valdez* Trustee Council approve funding for Project 96214/Documentary on Subsistence Harbor Seal Hunting in Prince William Sound. The Chief Scientist's comment on Project 96214 is as follows: "Project is an excellent idea. Will directly serve the interests of the communities, and will assist restoration of harbor seals by allowing subsistence users to make better decisions about the resource."

As you know, the Trustee Council is not able to grant funds directly to non-agency proposers, but rather must channel all funds through one of the six trustee agencies. The trustee agencies are then required to follow state or federal procurement and contracting rules, which generally require that funds to non-agency proposers be awarded through a competitive process. There are exceptions to the requirement for competition, and these are currently being pursued by my staff and ADF&G in regard to Project 96214. At this time, I am not able to say whether the funds for this project would come directly to the Tatitlek IRA Council or not, but I will keep you informed as we work this out.

Although I support this project proposal, I do have concerns about the program management and related costs included in the budget for ADF&G, the lead agency on this project. Joe, please review the following budget review comments. If you believe budget reductions are appropriate, submit a revised budget to the Restoration Office, Attn: Sandra Schubert by **July 14, 1995**. (An electronic copy of the budget is not needed.) If you believe that no reduction is appropriate, please provide a written justification by that date.

Trustee Agencies

State of Alaska: Departments of Fish & Game, Law, and Environmental Conservation
United States: National Oceanic and Atmospheric Administration, Departments of Agriculture and Interior

Personnel Costs. Because this project is being conducted entirely under contract, it is not clear why three months of agency personnel time is needed. Consistent with the discussions of the Restoration Work Force at our June 20, 1995 meeting, the personnel for agency oversight on this project should be reduced to one month.


Travel Costs. Again, because this project is being conducted under a contract, I question the need for ADF&G personnel to make two trips to Tatitlek and Chenega Bay. Please review this proposed expenditure.

In regard to production of videos in future years on subsistence hunting of other injured species, I do not intend to recommend funding for future videos at this time. Rather, I would expect that a project proposal would be submitted during the FY 97 funding cycle, and that a decision on future years' activities would be made at that time.

My preliminary recommendation on Project 96214 will be incorporated into the Draft FY 96 Work Plan, which will be circulated for public review very soon. The Draft Work Plan has not been reviewed or approved by the Trustee Council. The comment period on the Draft closes on August 4, 1995. In addition to public comment on the Draft, recommended projects are being reviewed by legal staff to ensure consistency with the requirements of the civil settlement. Following review of any comments received and the Draft Work Plan as a whole, I will make a final recommendation to the Trustee Council in mid-August. The Council is scheduled to make its decision on the Work Plan on or about August 25th.

Thank you for your continuing interest in the *Exxon Valdez* restoration program.

Sincerely,

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

Molly McCammon
Executive Director

cc: Dr. Robert Spies, Chief Scientist

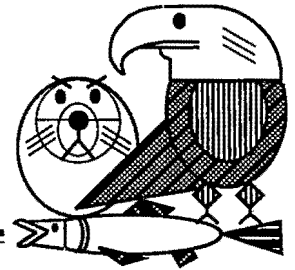
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Exxon Valdez Oil Spill Trustee Council

Restoration Office

645 G Street, Suite 401, Anchorage, Alaska 99501-3451

Phone: (907) 278-8012 Fax: (907) 276-7178



June 28, 1995

Beverly Agler
Office of Migratory Bird Management
U.S. Fish and Wildlife Service
1011 E. Tudor Road
Anchorage, Alaska 99503

Dear Ms. Agler:

This letter is to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council fund Project 96159, Surveys to Monitor Marine Bird Abundance in Prince William Sound During Winter and Summer 1996, in FY 96. Although the Fish and Wildlife Service has proposed repeating these boat surveys every other year, future proposals will be evaluated when submitted. I am not prepared at this time to recommend the future years' funding that you have requested, other than the report writing costs in FY 97.

My preliminary recommendation will be incorporated into the Draft FY 96 Work Plan, which will be circulated for public review very soon. The Draft Work Plan has not been reviewed or approved by the Trustee Council. The comment period on the draft closes on August 4. In addition to public comment on the draft, the proposed projects are being reviewed by legal staff to ensure consistency with the requirements of the civil settlement. Following review of any comments received and the Draft Work Plan as a whole, I will make a final recommendation in mid-August for action by the Trustee Council on or about August 25.

Peer Review Comments. I have enclosed a letter from the Chief Scientist containing his recommendation and several comments and questions raised in the peer review of this project. Although it is not necessary to submit a revised Detailed Project Description, please respond in writing to Dr. Spies (with a copy to the Restoration Office, Attn: Sandra Schubert) by **July 14, 1995**.

Budget Review Comments. The budget review raised a number of questions:

Personnel. In general, personnel costs are high. It is not evident that logistical arrangements, field work, and data analysis for this project require 20 months full-time of a Project Leader and Assistant Project Leader's time, especially since costs for preparation of a final report are deferred until FY 1997. In addition,

Trustee Agencies

State of Alaska: Departments of Fish & Game, Law, and Environmental Conservation
United States: National Oceanic and Atmospheric Administration, Departments of Agriculture and Interior

please provide a clearer description of how many staff members are required for each survey and how many months of their time are required. I appreciate the contribution by the USFWS of four permanent staff members for conducting the March survey (p. 10 in your DPD) but am unclear about what additional staff are being hired for that time.

Travel. The number of days requiring the camp-rate per diem is a bit confusing. If the winter and spring surveys are three weeks each, do you need 30 days per diem in camp for each survey?

Contractual and Commodities. Such items as computer maintenance, telephone services, office supplies, software updates, and duplication costs are to be covered through General Administration and should not be budgeted for separately.

Please consider these budget comments and submit either a revised budget or additional justification for your budget to the Restoration Office, Attn: Sandra Schubert by **July 14, 1995.**

Thank you for your continued interest in the *Exxon Valdez* restoration program.

Sincerely,



Molly McCammon
Executive Director

Enclosure: (1)

cc: Dr. Dave Irons, USFWS
Ms. Catherine Berg, USFWS
Dr. Robert Spies, Chief Scientist

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A P P L I E D

marine

June 20, 1995

S C I E N C E S
Ms. Beverly Agler
Migratory Bird Management
US Fish and Wildlife Service
1011 E. Tudor Road
Anchorage, Alaska 99503

Dear Ms. Agler,

Thank you for your proposal "Surveys to monitor marine bird abundance in Prince William Sound during winter and summer of 1996" (96159).

The technical comments were as follows:

This proposal by the USFWS intends to use standardized small boat surveys to continue monitoring recovery of seabirds and sea otters in Prince William Sound. It relies mainly on post-spill comparisons of animal abundance to pre-spill counts that employed similar sampling techniques.

It is one of few studies that continues to track population levels in order to detect recovery. The ability to detect injury/recovery for many species has been low due to greatly restricted power in assessing annual changes, and the limited pre-spill data. The power analyses here are a big plus, and this project could provide potentially valuable insights into damage in populations not heretofore detected. It should also be considered a high priority due to what will already be a 3-year lag since the last survey.

There is a certain amount of unavoidable limitation on what can be changed due to a need for continuity. Nevertheless might the PI get more out of the data already collected by attempting some analyses in addition to those already employed? In other words, I suggest looking at something besides rate differences and overall trends. The suggestion of using route regression is good: be sure and follow the developing literature on its use. One approach (not without statistical pitfalls) would be to consider your 1989-1994 data as representing a "population" of animal abundances representing the post-spill era in Prince William Sound. Then, you could compare individual years of animal abundances from the pre-spill era (either 1970s or 1980s) using the normal deviate z (after appropriate transformations of these enumerated data). Perhaps this has been tried already and I am just not familiar with the reports, but each time I examine this work, it occurs to me that it might be worth an exploratory look.



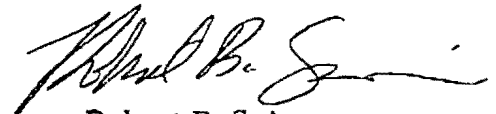
Another alternative for some exploratory analyses would be to look at whether community-level differences were apparent between pre- and post-spill seabirds. My understanding is that Exxon-funded work (Murphy et al.) did something like this, but you need not be restricted to either their community parameters or statistical approaches. There is no end to possible community parameters one could derive from the data.

Comments below originated from the text of the proposal, and are referred to by page and paragraph number.

- 1) P. 6, ¶ 1. Presumably, objectives 1, 3 and 4 could be accomplished in this funding cycle, but objective 2 will take decades worth of data?
- 2) P. 7, ¶ 1. Are new (different) transects chosen randomly each year? (From the text, it appears not, but I wasn't sure). If they are, greater variability may be interjected into the analyses from location, whereas if transects were initially chosen at random, but then resampled systematically each year thereafter, one could control for this potential confounding effect.
- 3) P. 7, ¶ 4. Statistical analyses (see above). It is probably too late to contemplate adaptive cluster sampling, but it is likely that it could provide far more precise estimates of abundance. (It may be that the very high CV's in your data are as great an obstacle to power to detect trends as are the number of surveys).

I would appreciate a reply to these comments by July 14. I will be able to make a final recommendation to the Executive Director soon after receiving your reply.

Sincerely,



Robert B. Spies
Chief Scientist

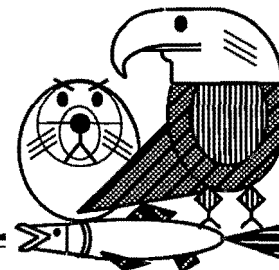
CC: M. McCammon
S. Senner
C. Berg

Exxon Valdez Oil Spill Trustee Council

Restoration Office

645 G Street, Suite 401, Anchorage, Alaska 99501-3451

Phone: (907) 278-8012 Fax: (907) 276-7178



MEMORANDUM

TO: Alex Swiderski
Assistant Attorney General

John Harmening
U.S. Forest Service

FROM: Molly McCammon, Executive Director

DATE: June 27, 1995

SUBJ: Tatilek Lands Appraisal Authorization

The purpose of this memorandum is to authorize the appraisal of Tatilek Native Corporation lands identified in the Trustee Council Resolution of December 2, 1994 and additional lands at Baidarka Point, Landlocked Bay and Fish Bay if they become available.

cc: Dave Gibbons

Trustee Agencies

State of Alaska: Departments of Fish & Game, Law, and Environmental Conservation
United States: National Oceanic and Atmospheric Administration, Departments of Agriculture and Interior



P.O. Box 650, Cordova, Alaska 99574 • Phone (907) 424-3777 • Fax (907) 424-3773



June 28, 1995

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

Dear Ms. McCammon:

The purpose of this letter is to authorize the Exxon Valdez Oil Spill (EVOS) Trustee Council to have its appraisers enter upon certain lands identified below and owned by The Tatitlek Corporation for the purpose of performing appraisals in connection with consideration of the Tatitlek Wildlife Habitat Conservation and Acquisition Proposal.

The lands to which this authorization is applicable are those referenced generally in the Resolution approved by the EVOS Trustee Council on December 2, 1994, as well as the lands comprising Bidarka Point and Landlocked Bay on which merchantable timber is growing and which are currently subject to a timber harvest contract with Citifor.

Sincerely,

Carroll Kompkoff

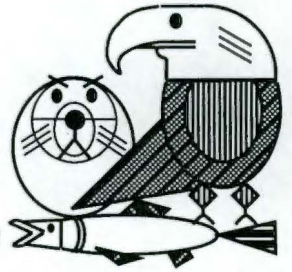
Carroll Kompkoff
President

Exxon Valdez Oil Spill Trustee Council

Restoration Office

645 G Street, Suite 401, Anchorage, Alaska 99501-3451

Phone: (907) 278-8012 Fax: (907) 276-7178



Dave Gibbons **FAX COVER SHEET**
John Harmening

To: Alex Swiderski Number: _____

From: Eric / Molly Date: June 29, 1995 11:02 a.m.

Comments: _____ Total Pages: 3

Following is a memo from Molly and
authorization from Tatitlek.

Please NOTE: In Tatitlek's
authorization no mention is made
of Fish Bay.

Document Sent By: Rebecca

2/15/95

Trustee Agencies

State of Alaska: Departments of Fish & Game, Law, and Environmental Conservation

United States: National Oceanic and Atmospheric Administration, Departments of Agriculture and Interior

*** ACTIVITY REPORT ***

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*** ACTIVITY REPORT ***

TRANSMISSION OK

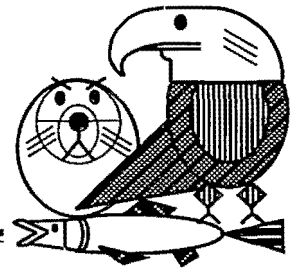
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RESULT	OK	

Exxon Valdez Oil Spill Trustee Council

Restoration Office

645 G Street, Suite 401, Anchorage, Alaska 99501-3451

Phone: (907) 278-8012 Fax: (907) 276-7178



June 26, 1995

Dr. Doug Reger
Alaska Department of Natural Resources
Office of History and Archaeology
3301 C Street, Suite 1278
Anchorage, Alaska 99503

Dear Dr. Reger:

This letter is to inform you of my preliminary recommendation that the *Exxon Valdez* Trustee Council approve funding for Project 96149/Archaeological Site Stewardship contingent on transition to agency or private management after three years.

My preliminary recommendation will be incorporated into the Draft Work Plan, which will be circulated for public review later this month. The Draft Work Plan has not been reviewed or approved by the Trustee Council. The comment period on the draft closes on August 4. Recommended projects are also being reviewed by legal staff to ensure consistency with the requirements of the civil settlement. Following review of any comments received and the Draft Work Plan as a whole, I will make a final recommendation to the Trustee Council in mid-August. The Trustee Council is scheduled to make its decision on the Work Plan on or about August 25.

Peer Review Comments. The Chief Scientist's draft recommendation on Project 96149 is as follows:

The concept was favorably reviewed.

Budget Review Comments. Please revise the budget to show no cost to the Trustee Council for this program after FY 98. The original budget showed costs in FY 99 and FY 2000. Also, under "Comments" on Form 3A, please describe how you intend to transition to agency or private management after FY 98.

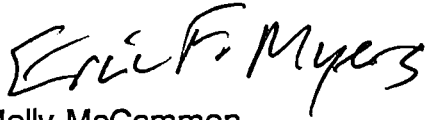
If you have questions about peer review or budget review comments, please contact ADNR's liaison, Veronica Christman. Please submit the revised budget to the Restoration Office, Attn. Sandra Schubert, by **July 14, 1995**. An electronic copy of the budget is not needed.

Trustee Agencies

State of Alaska: Departments of Fish & Game, Law, and Environmental Conservation
United States: National Oceanic and Atmospheric Administration, Departments of Agriculture and Interior

Thank you for your continuing interest in the *Exxon Valdez* restoration program.

Sincerely,

A handwritten signature in black ink that reads "Eric F. Myers". The signature is written in a cursive, flowing style.

Molly McCammon
Executive Director

cc: Judy Bittner, ADNR
Veronica Christman, ADNR
Dr. Robert Spies, Chief Scientist

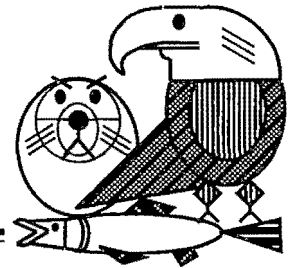
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Exxon Valdez Oil Spill Trustee Council

Restoration Office

645 G Street, Suite 401, Anchorage, Alaska 99501-3451

Phone: (907) 278-8012 Fax: (907) 276-7178



June 26, 1995

Ken Holbrook
Chugach National Forest
3301 C Street, Suite 300
Anchorage, Alaska 99503

Dear Ken:

This letter is to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council defer a decision on funding Project 96176, Restoration of Essential Wetland Habitat at San Juan Bay on Montague Island, until questions about this project's link to resources and services injured by the oil spill are satisfactorily resolved. There also is need for additional information about what actions are proposed and the probable costs and commitments for the Trustee Council.

My current recommendation will be incorporated into the Draft FY 96 Work Plan, which will be circulated for public review later this month. The Draft Work Plan has not been reviewed nor approved by the Trustee Council. The comment period on the draft closes on August 4, and, in addition to public comment on the draft, the proposed projects are being reviewed by legal staff to ensure consistency with the requirements of the civil settlement. Following review of any comments received and the draft work plan as a whole, I will make a final recommendation in mid-August for action by the Trustee Council on or about August 25.

Peer Review Comments. The Chief Scientist's draft recommendation follows:

This is a feasibility study to restore freshwater wetlands on Montague Island that were altered by the 1964 earthquake. Although this project is proposed as a replacement for wetlands injured by the oil spill, the link to specific injured resources is not clear. I need additional justification about the link to injury, as well as more information about what methods, degree of manipulation, and cost might be required to restore these wetlands.

Some of these concerns are amplified on the enclosed peer reviewer evaluation form. These issues should be addressed through a revised Detailed Project Description (DPD).

Trustee Agencies

State of Alaska: Departments of Fish & Game, Law, and Environmental Conservation

United States: National Oceanic and Atmospheric Administration, Departments of Agriculture and Interior


Budget Review Comments. We will review the budget again once a revised DPD is submitted. However, there are several items to mention now:

Personnel. Need clearer justification for this level of personnel in relation to project tasks, endpoints, and schedule.

Contractual. Will the aerial photo contract be put out to bid? The \$2,000 requested for the report publication/printing seems high. Will this report have lots of pages and a distribution of hundreds? Please explain.

If you have questions about my initial recommendation or the peer and budget review comments, please contact Ray Thompson, and he will contact the appropriate Trustee Council staff member. Please submit a revised DPD and a written response to the budget comments noted above to the Restoration Office, Attn: Sandra Schubert no later than **July 14, 1995**. Pending submission and review of a revised DPD, I will reconsider my preliminary recommendation to the Trustee Council.

Sincerely,


Molly McCammon *for*
Executive Director

Enclosure

cc: Dr. Dave Gibbons, USFS
Mr. Ray Thompson, USFS
Dr. Robert Spies, Chief Scientist

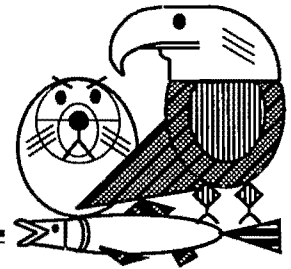
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Exxon Valdez Oil Spill Trustee Council

Restoration Office

645 G Street, Suite 401, Anchorage, Alaska 99501-3451

Phone: (907) 278-8012 Fax: (907) 276-7178



June 26, 1995

Dr. Douglas Reger
Alaska Department of Natural Resources
Office of History and Archaeology
3301 C Street, Suite 1278
Anchorage, Alaska 99503

Dear Dr. Reger:

This letter is to inform you of my preliminary recommendation that the *Exxon Valdez* Trustee Council approve funding for Project 96007A/Archaeological Index Site Monitoring.

My preliminary recommendation will be incorporated into the Draft Work Plan, which will be circulated for public review later this month. The Draft Work Plan has not been reviewed or approved by the Trustee Council. The comment period on the draft closes on August 4. Recommended projects are also being reviewed by legal staff to ensure consistency with the requirements of the civil settlement. Following review of any comments received and the Draft Work Plan as a whole, I will make a final recommendation to the Trustee Council in mid-August. The Trustee Council is scheduled to make its decision on the Work Plan on or about August 25.

Peer Review Comments. The Chief Scientist's draft recommendation on Project 96007A is as follows:

This is an excellent proposal that represents the minimum that can be done in archaeological site monitoring. There is a need to continue consultations with native groups.

Budget Review Comments. Please consider the following concerns about specific line item requests, and either provide the justification requested or submit a revised budget if necessary.

Personnel Costs. Please explain why ADNR requires 7.0 staff-months, whereas USFS and FWS require only 2.5 and 2.0 staff-months, respectively.

Also, please review the personnel costs for USFS participation in this project. Project 96007B indicates monthly costs for the USFS archaeologist of \$4,213;

Trustee Agencies

State of Alaska: Departments of Fish & Game, Law, and Environmental Conservation
United States: National Oceanic and Atmospheric Administration, Departments of Agriculture and Interior

this project indicates monthly costs of \$6,600.

Travel Costs. Please justify the number of round trips requested by each of the three agencies. The number appears high. For example, will the USFWS archaeologist travel to Kodiak six times or will several people travel to Kodiak fewer times? How many sites will the USFWS monitor? Can these trips be combined?

Contractual Costs. Please explain and justify the request for \$5,000 for curation costs. Will this be a fee to the University for curation of artifacts collected during FY 95?

If you have questions about peer review or budget review comments, please contact ADNR's liaison, Veronica Christman. Please submit the requested line item justifications and, if applicable, a revised budget to the Restoration Office, Attn. Sandra Schubert, by **July 14, 1995**. (An electronic copy is not needed.)

Thank you for your continuing interest in the *Exxon Valdez* restoration program. We value your contributions.

Sincerely,



Molly McCammon
Executive Director

cc: Judy Bittner, ADNR
Veronica Christman, ADNR
Dr. Robert Spies, Chief Scientist

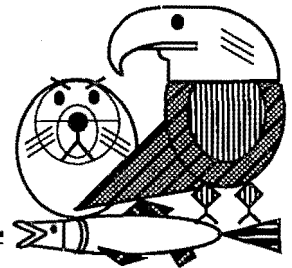
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Exxon Valdez Oil Spill Trustee Council

Restoration Office

645 G Street, Suite 401, Anchorage, Alaska 99501-3451

Phone: (907) 278-8012 Fax: (907) 276-7178



June 26, 1995

Linda Finn Yarborough
USFS Chugach National Forest
3301 C Street
Anchorage, Alaska 99503

Dear Ms. Yarborough:

This letter is to inform you of my preliminary recommendation that the *Exxon Valdez* Trustee Council approve funding for Project 96007B\Site-Specific Archaeological Restoration contingent on approval of the Detailed Project Description (DPD) for 95007B. The DPD for 95007B was received by the Restoration Office on June 22, 1995, well beyond the deadline for submittal of FY 95 DPDs, and has not yet been peer reviewed.

My preliminary recommendation will be incorporated into the Draft Work Plan, which will be circulated for public review later this month. The Draft Work Plan has not been reviewed or approved by the Trustee Council. The comment period on the draft closes on August 4. Recommended projects are also being reviewed by legal staff to ensure consistency with the requirements of the civil settlement. Following review of any comments received and the Draft Work Plan as a whole, I will make a final recommendation to the Trustee Council in mid-August. The Trustee Council is scheduled to make its decision on the Work Plan on or about August 25.

Peer Review Comments. The Chief Scientist's draft recommendation on Project 96007B is as follows:

This is a close-out of a previously funded project. The budget appears reasonable, though the rate for the PI is not consistent with 96007A. Continued consultations with Native groups are required by federal law.

I have enclosed additional peer review comments on Project 96007B. If the Trustee Council funds this project, please consider these comments in the project's implementation. However, it is not necessary to revise the DPD at this time.

Budget Review Comments. Please revise the budget to address the following two items:

Trustee Agencies

State of Alaska: Departments of Fish & Game, Law, and Environmental Conservation
United States: National Oceanic and Atmospheric Administration, Departments of Agriculture and Interior

Personnel Costs. Be consistent in the monthly cost for the principal investigator. Is it \$4,213 as indicated in the budget for 96007B or \$6,600 as indicated in the budget for 96007A?

Authorized FFY 1995 Cost. \$116,000 was authorized in FY 95, but is not shown on Form 3A. Please correct this form.

If you have questions about the peer review or budget review comments, please contact the USFS liaison, Dave Gibbons. Please submit the revised budget to the Restoration Office, Attn. Sandra Schubert, by **July 14, 1995**. An electronic copy of the budget is not needed.

Thank you for your continuing interest in the *Exxon Valdez* restoration program.

Sincerely,


Molly McCammon *for*
Executive Director

Enclosure

cc: Dave Gibbons, USFS
Dr. Robert Spies, Chief Scientist

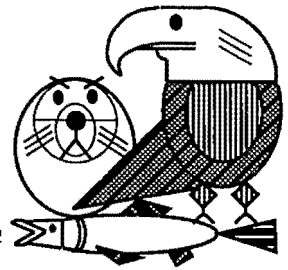
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Exxon Valdez Oil Spill Trustee Council

Restoration Office

645 G Street, Suite 401, Anchorage, Alaska 99501-3451

Phone: (907) 278-8012 Fax: (907) 276-7178



June 26, 1995

Donald M. Schell
University of Alaska Fairbanks
POB 757220
Fairbanks, Alaska 99775

Dear Dr. Schell:

This letter is to inform you of my preliminary recommendation that the *Exxon Valdez* Trustee Council approve funding for Project 96170/Isotope Ratio Studies of Marine Mammals in Prince William Sound.

My preliminary recommendation will be incorporated into the Draft Work Plan, which will be circulated for public review later this month. The Draft Work Plan has not been reviewed or approved by the Trustee Council. The comment period on the draft closes on August 4. Recommended projects are also being reviewed by legal staff to ensure consistency with the requirements of the civil settlement. Following review of any comments received and the Draft Work Plan as a whole, I will make a final recommendation to the Trustee Council in mid-August. The Trustee Council is scheduled to make its decision on the Work Plan on or about August 25.

Peer Review Comments. The Chief Scientist's draft recommendation on Project 96170 is as follows:

Excellent in all respects. This project will doubtlessly provide insights into the functioning of the Prince William Sound ecosystem that cannot be obtained in other ways. It may well provide valuable information for modeling the entire ecosystem at a very reasonable cost.

Budget Review Comments. Please revise the budget to reflect at least the following three items:

Indirect Cost. The Trustee Council has recently agreed with the University to an indirect rate of 25% of total direct costs, as modified by subcontracts and equipment (see enclosed agreement). Please revise the indirect rate to reflect this agreement.

Program Management. Once you have completed Forms 4A and B, please

Trustee Agencies

State of Alaska: Departments of Fish & Game, Law, and Environmental Conservation
United States: National Oceanic and Atmospheric Administration, Departments of Agriculture and Interior

work with the Alaska Department of Fish and Game (ADF&G), the lead trustee agency for this project, to complete Forms 3A and B. These forms reflect agency program management and general administration costs. Consistent with the discussions of the Restoration Work Force at its June 20, 1995 meeting, the personnel for agency program management on this project should be limited to one month.

Contractual Costs. Expenses for communications (\$700) are considered indirect costs and should not be budgeted for separately.

In addition, please consider the following concerns about specific line item requests, and either provide the justification requested or revise the budget accordingly.

Travel Costs. Please provide justification of the relationship between the project and the \$2,600 request to attend a national meeting.

If you have questions about peer review or budget review comments, please contact Dr. Joe Sullivan (ph. 267-2213), the ADF&G liaison. Please submit a revised budget and line item justifications, if any, to the Restoration Office, Attn. Sandra Schubert, by **July 14, 1995**. (An electronic copy of the budget is not needed.)

Thank you for your continuing interest in the *Exxon Valdez* restoration program.

Sincerely,


Molly McCammon
Executive Director

Attachment

cc: Dr. Joe Sullivan, ADFG
Dr. Robert Spies, Chief Scientist

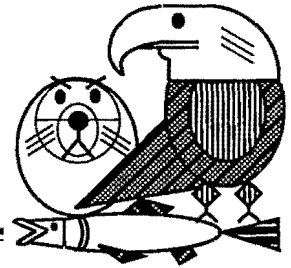
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Exxon Valdez Oil Spill Trustee Council

Restoration Office

645 G Street, Suite 401, Anchorage, Alaska 99501-3451

Phone: (907) 278-8012 Fax: (907) 276-7178



June 26, 1995

Dr. Raymond Highsmith
Room 217 O'Neil Building
School of Fisheries and Ocean Sciences
University of Alaska
Fairbanks, Alaska 99775

Dear Dr. Highsmith:

This letter is to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council fund project 96037, Coastal Habitat Intertidal Monitoring, in FY 1996. This recommendation, however, is contingent on your ability to reduce annual budgets in FY '96, '97, and '98 to a maximum of \$550,000.

My preliminary recommendation will be incorporated into the Draft FY 96 Work Plan, which will be circulated for public review later this month. The Draft Work Plan has not been reviewed or approved by the Trustee Council. The comment period on the draft closes on August 4, and, in addition to public comment on the draft, the proposed projects are being reviewed by legal staff to ensure consistency with the requirements of the civil settlement. Following review of any comments received and the draft work plan as a whole, I will make a final recommendation in mid-August for action by the Trustee Council on or about August 25.

Peer Review Comments. The Chief Scientist's draft recommendation follows:

This is a solid program that revisits the spill-wide sites that have not been surveyed since 1991. Damage was extensive in sheltered rocky shores, coarse-textured beaches, and estuarine habitats at that time. This work should be done again. However, I am concerned with the price of the work. If the total costs can be reduced below \$550,000 per year, I would recommend favorable consideration.

In addition, I have attached a copy of comments from one of the individual peer reviewers.

Budget Review Comments. I have a copy of your memorandum to Joe Sullivan dated June 5, 1995. However, please review the following comments and submit a revised budget. Where you do not believe additional budget savings are possible,

Trustee Agencies

State of Alaska: Departments of Fish & Game, Law, and Environmental Conservation
United States: National Oceanic and Atmospheric Administration, Departments of Agriculture and Interior

please provide written explanation.

Indirect. Your budget does not include Program Management (a maximum of one month of personnel time) and General Administration (as outlined on page B3 of the *Invitation to Submit Restoration Projects for FY 96*) costs for the Alaska Department of Fish and Game, and these must be included within the ceiling of \$550,000.

In addition, the University of Alaska's indirect rate has been budgeted at 20%. The University and the Trustee Council have recently agreed that all University projects will be funded through an RSA at an indirect rate of 25% of total direct costs, as modified by subcontracts and equipment (see attached agreement). Your budget should be revised to reflect that agreement. Again, these costs must be included within the ceiling of \$550,000.

Personnel. In general, the personnel line seems high, and I ask that you review it carefully for possible cost savings. For example, why is there need for two lab supervisors in Juneau for seven months each, when the work schedule shows only three months time (July-September) for sample sorting and analysis?

Travel. I do not think it is necessary to bring four people to the annual restoration workshop. Two should be sufficient.

Contractual and Commodities. The budget includes a number of items, such as computer maintenance, long distance telephone/fax, maintenance agreements, and office supplies that should be covered by the University's indirect rate and should not be budgeted for separately.

Equipment. Given that Trustee Council funds have purchased several computers for the coastal habitat project since its inception, we are not likely to approve purchase of an additional unit. Please provide additional justification for this request.

If you have any questions about my initial recommendation or the peer and budget review comments, please contact the ADF&G liaison, Joe Sullivan, and he will contact the appropriate Trustee Council staff member. Please submit your revised budget (an electronic copy is not needed) and any related responses to the Restoration Office, Attn. Sandra Schubert by **July 14, 1995.**

Thank you for your continuing interest in the *Exxon Valdez* Oil Spill restoration program.

Sincerely,


Molly McCammon
Executive Director *for*

Enclosures

cc: Dr. Joe Sullivan, ADF&G
Dr. Robert Spies, Chief Scientist

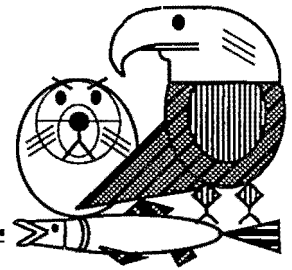
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Exxon Valdez Oil Spill Trustee Council

Restoration Office

645 G Street, Suite 401, Anchorage, Alaska 99501-3451

Phone: (907) 278-8012 Fax: (907) 276-7178



June 26, 1995

Dr. Doug Reger
Alaska Department of Natural Resources
Office of History and Archaeology
3301 C Street, Suite 1278
Anchorage, Alaska 99503

Dear Dr. Reger:

This letter is to inform you of my preliminary recommendation that the *Exxon Valdez* Trustee Council approve funding for Project 96149/Archaeological Site Stewardship contingent on transition to agency or private management after three years.

My preliminary recommendation will be incorporated into the Draft Work Plan, which will be circulated for public review later this month. The Draft Work Plan has not been reviewed or approved by the Trustee Council. The comment period on the draft closes on August 4. Recommended projects are also being reviewed by legal staff to ensure consistency with the requirements of the civil settlement. Following review of any comments received and the Draft Work Plan as a whole, I will make a final recommendation to the Trustee Council in mid-August. The Trustee Council is scheduled to make its decision on the Work Plan on or about August 25.

Peer Review Comments. The Chief Scientist's draft recommendation on Project 96149 is as follows:

The concept was favorably reviewed.

Budget Review Comments. Please revise the budget to show no cost to the Trustee Council for this program after FY 98. The original budget showed costs in FY 99 and FY 2000. Also, under "Comments" on Form 3A, please describe how you intend to transition to agency or private management after FY 98.

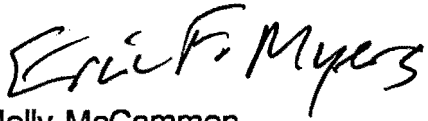
If you have questions about peer review or budget review comments, please contact ADNR's liaison, Veronica Christman. Please submit the revised budget to the Restoration Office, Attn. Sandra Schubert, by **July 14, 1995**. An electronic copy of the budget is not needed.

Trustee Agencies

State of Alaska: Departments of Fish & Game, Law, and Environmental Conservation
United States: National Oceanic and Atmospheric Administration, Departments of Agriculture and Interior

Thank you for your continuing interest in the *Exxon Valdez* restoration program.

Sincerely,

A handwritten signature in black ink, appearing to read "Eric F. Myers". The signature is fluid and cursive, with the first name "Eric" being more prominent.

Molly McCammon
Executive Director

cc: Judy Bittner, ADNR
Veronica Christman, ADNR
Dr. Robert Spies, Chief Scientist

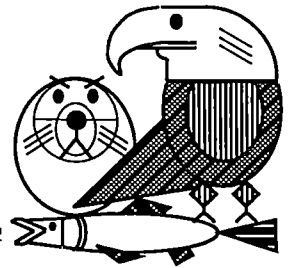
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Exxon Valdez Oil Spill Trustee Council

Restoration Office

645 G Street, Suite 401, Anchorage, Alaska 99501-3451

Phone: (907) 278-8012 Fax: (907) 276-7178



June 26, 1995

Eric Prestegard
Prince William Sound Aquaculture Corporation
POB 1110
Cordova, Alaska 99574

Dr. Joe Sullivan
Alaska Department of Fish and Game
333 Raspberry Road
Anchorage, Alaska 99518

Dear Eric and Joe:

This letter is to inform you of my preliminary recommendation that the *Exxon Valdez* Trustee Council approve funding for Project 96272/Chenega Chinook Release Program.

My preliminary recommendation will be incorporated into the Draft FY 96 Work Plan, which will be circulated for public review later this month. The Draft Work Plan has not been reviewed or approved by the Trustee Council. The comment period on the draft closes on August 4, 1995. In addition to public comment on the Draft, recommended projects are being reviewed by legal staff to ensure consistency with the requirements of the civil settlement. Following review of any comments received and the Draft Work Plan as a whole, I will make a final recommendation to the Trustee Council in mid-August. The Council is scheduled to make its decision on the Work Plan on or about August 25th.

Peer Review Comments. The Chief Scientist's draft recommendation on Project 96272 follows:

Excellent proposal. Good match with Trustee Council's fish supplementation criteria. Good local involvement. Suggest continued Trustee Council funding through at least FY 97, pending project review in Fall 1996 to assess effectiveness.

Budget Review Comments. Consistent with the discussions of the Restoration Work Force at its June 20, 1995 meeting, the personnel for lead agency program management on this project should be reduced to one month. Please submit a

Trustee Agencies

State of Alaska: Departments of Fish & Game, Law, and Environmental Conservation
United States: National Oceanic and Atmospheric Administration, Departments of Agriculture and Interior

revised budget reflecting this change to the Restoration Office, Attn: Sandra Schubert by **July 14, 1995**. (An electronic copy of the budget is not needed.) If you believe that no reduction is appropriate, please provide a written explanation by that date.

Thank you both for your continuing interest in the *Exxon Valdez* restoration program.

Sincerely,


Molly McCammon *for*
Executive Director

cc: Dr. Robert Spiess, Chief Scientist

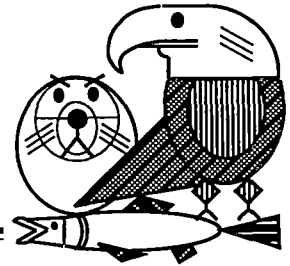
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Exxon Valdez Oil Spill Trustee Council

Restoration Office

645 G Street, Suite 401, Anchorage, Alaska 99501-3451

Phone: (907) 278-8012 Fax: (907) 276-7178



June 26, 1995

Ray Highsmith
Institute of Marine Science
University of Alaska Fairbanks
Room 217 O'Neil Building
Fairbanks, Alaska 99775

Dear Ray:

This letter is to inform you of my preliminary recommendation that the *Exxon Valdez* Trustee Council approve funding to close out Project 96086/Herring Bay Monitoring and Restoration Studies. However, my recommendation is contingent on a thorough review of the budget, with the goal of reducing project costs wherever possible.

Budget Review Comments. Please review the following budget review comments. If you believe budget reductions are appropriate, please submit a revised budget to the Restoration Office, Attn: Sandra Schubert by **July 14, 1995**. (An electronic copy of the budget is not needed.) If you believe that no reduction is appropriate, please provide a written explanation by that date. If you have questions about the budget comments, please work through the ADF&G liaison, Dr. Joe Sullivan, to address them.

Personnel Costs. Without further explanation, 29.5 months of personnel time appears high for this project, which is for data analysis/report writing only. Please review to attempt to reduce this amount.

In addition, consistent with the discussions of the Restoration Work Force at its June 20, 1995 meeting, the personnel for lead agency program management on this project should be reduced to one month.

Travel Costs. It is unclear why two "data analysis" trips between Juneau and Fairbanks are required.

General Administration/Indirect Costs. The University's indirect rate has been budgeted at 20%. However, negotiations between the University and the Trustee Council have recently resulted in an agreement that all University projects will be funded through an RSA at an indirect rate of 25% of total direct costs, as modified by subcontracts and equipment (see attached agreement). Your budget should be revised to reflect that agreement.

Trustee Agencies

State of Alaska: Departments of Fish & Game, Law, and Environmental Conservation
United States: National Oceanic and Atmospheric Administration, Departments of Agriculture and Interior

In addition, office supplies, computer supplies, phone and fax charges, computer maintenance, and other usual office expenses are to come out of the "indirect" funds and should not be budgeted for separately.

Other. Please explain why warehouse/storage space is needed in both Fairbanks and Juneau. In addition, please correct the budget forms to reflect funds authorized in FY 95 for this project.

My preliminary recommendation will be incorporated into the Draft Work Plan, which will be circulated for public review in late June. The Draft Work Plan has not been reviewed or approved by the Trustee Council. The comment period on the Draft closes on August 1, 1995. In addition to public comment on the Draft, recommended projects are being reviewed by legal staff to ensure consistency with the requirements of the civil settlement. Following review of any comments received and the Draft Work Plan as a whole, I will make a final recommendation to the Trustee Council in mid-August. The Council is scheduled to make its decision on the Work Plan on or about August 25th.

Thank you for your continuing interest in the *Exxon Valdez* restoration program.

Sincerely,


Molly McCammon
Executive Director

Attachment

cc: Dr. Joe Sullivan, ADF&G
Dr. Robert Spies, Chief Scientist

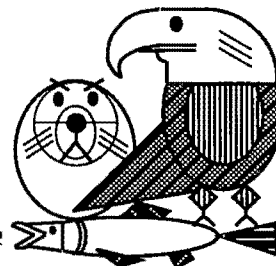
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Exxon Valdez Oil Spill Trustee Council

Restoration Office

645 G Street, Suite 401, Anchorage, Alaska 99501-3451

Phone: (907) 278-8012 Fax: (907) 276-7178



June 26, 1995

Stephen Jewett
Institute of Marine Science
University of Alaska Fairbanks
General Delivery
Fairbanks, Alaska 99775

Dear Steve:

This letter is to inform you of my preliminary recommendation that the *Exxon Valdez* Trustee Council approve funding to close out Project 96106/Subtidal Monitoring: Eelgrass Communities. However, my recommendation is contingent on successful resolution of several budget issues, with the goal of reducing project costs wherever possible.

Peer Review Comments. The Chief Scientist's draft recommendation follows:

This is a close-out project. The investigator is doing a very good job on subtidal studies. I recommend funding this but encourage greater cost effectiveness.

Budget Review Comments. Please review the following budget review comments. If you believe budget reductions are appropriate, please submit a revised budget to the Restoration Office, Attn: Sandra Schubert by **July 14, 1995**. (An electronic copy of the budget is not needed.) If you believe that no reduction is appropriate, please provide a written explanation by that date. If you have questions about the budget comments, please work through the ADF&G liaison, Dr. Joe Sullivan, to address them.

Personnel Costs. Without further explanation, 29.5 months of personnel time appears high for this project. This is particularly true when considered in light of the \$35,000 subcontract proposed for the Coastal Resources Association. Please review these costs and attempt to reduce them.

General Administration/Indirect Costs. The University's indirect rate has been budgeted at 20%. However, negotiations between the University and the Trustee Council have recently resulted in an agreement that all University projects will be funded through an RSA at an indirect rate of 25% of total direct costs, as modified by subcontracts and equipment (see attached agreement).

Trustee Agencies

State of Alaska: Departments of Fish & Game, Law, and Environmental Conservation
United States: National Oceanic and Atmospheric Administration, Departments of Agriculture and Interior

Your budget should be revised to reflect that agreement.

In addition, telephone and fax charges, like other routine office expenses, are to be paid for out of the "indirect" funds and should not be budgeted for separately.

Other. Please correct your budget to reflect funds authorized in FY 95 for this project.

My preliminary recommendation on Project 96106 will be incorporated into the Draft Work Plan, which will be circulated for public review in late June. The Draft Work Plan has not been reviewed or approved by the Trustee Council. The comment period on the Draft closes on August 4, 1995. In addition to public comment on the draft, recommended projects are being reviewed by legal staff to ensure consistency with the requirements of the civil settlement. Following review of any comments received and the Draft Work Plan as a whole, I will make a final recommendation to the Trustee Council in mid-August. The Council is scheduled to make its decision on the Work Plan on or about August 25th.

Thank you for your continuing interest in the *Exxon Valdez* restoration program.

Sincerely,

A handwritten signature in black ink, appearing to read 'M. McCammon', with a stylized flourish at the end.

Molly McCammon
Executive Director

Attachment

cc: Dr. Joe Sullivan, ADF&G
Dr. Robert Spies, Chief Scientist

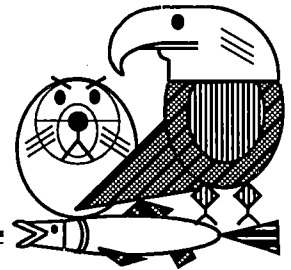
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Exxon Valdez Oil Spill Trustee Council

Restoration Office

645 G Street, Suite 401, Anchorage, Alaska 99501-3451

Phone: (907) 278-8012 Fax: (907) 276-7178



June 26, 1995

Buddy L. Goatcher, Coastal Management Biologist
Katmai National Park and Preserve
Kodiak Coastal Unit Office
202 Center Avenue, #204
Kodiak, Alaska 99615-6312

RE: Project Number 96161/Harlequin Duck - Indicator Species for Ecological
Monitoring and Recovery in Oil Spill-Affected Areas of the Alaska Peninsula,
Kodiak Island, Kenai Peninsula & Cook Inlet

Dear Mr. Goatcher:

This letter is to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council fund project 96161, contingent on its being recast as a feasibility study using satellite transmitters at a reduced cost.

My preliminary recommendation will be incorporated into the Draft FY 96 Work Plan, which will be circulated for public review later this month. The Draft Work Plan has not been reviewed or approved by the Trustee Council. The comment period on the draft closes on August 4. In addition to public comment on the draft, the proposed projects are being reviewed by legal staff to ensure consistency with the requirements of the civil settlement. Following review of any comments received and the Draft Work Plan as a whole, I will make a final recommendation in mid-August for action by the Trustee Council on or about August 25.

Peer Review Comments. The Chief Scientist's draft recommendation follows:

Understanding harlequin duck populations along the Alaska Peninsula is desirable. This proposal was well documented, with extensive evidence of cost sharing. However, use of banding as an alternative to transmitters was not accepted and the rationale related to contaminant exposure is highly speculative. The chances of finding P-450 induction along the Alaska Peninsula seems remote. The proposal should be recast as a pilot study with use of satellite transmitters and more focused on population interchange.

In addition to the above comments, I have enclosed original comments from two individual scientific reviewers.

Trustee Agencies


State of Alaska: Departments of Fish & Game, Law, and Environmental Conservation
United States: National Oceanic and Atmospheric Administration, Departments of Agriculture and Interior

Budget Review Comments. We will defer any detailed analysis of the proposed budget until a revised Detailed Project Description (DPD) is submitted. My recommendation is that the cost of a revised pilot study be limited to approximately \$75,000. When you submit the revised DPD, please supply your budget information, both in content and format, as requested in the *Invitation to Submit Restoration Projects for Federal Fiscal 1996* (with the exception that a new electronic copy of the budget need not be submitted).

If you have any questions about my preliminary recommendation or the peer and budget review comments, please contact Catherine Berg, the DOI liaison to the Trustee Council, and she will contact the appropriate Trustee Council staff member. If you want to proceed with this project as per my preliminary recommendation, please submit your revised DPD, including budget, to the Restoration Office, Attn: Sandra Schubert by **July 14, 1995**.

Thank you for your continuing interest in the *Exxon Valdez* Oil Spill restoration program.

Sincerely,

A handwritten signature in black ink, appearing to read 'Molly McCammon' with a stylized flourish at the end.

Molly McCammon
Executive Director

Enclosure

cc: Catherine Berg, USFWS/DOI
Bud Rice, USNPS/DOI
Dr. Robert Spies, Chief Scientist

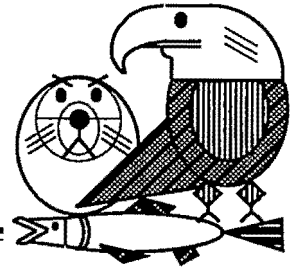
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Exxon Valdez Oil Spill Trustee Council

Restoration Office

645 G Street, Suite 401, Anchorage, Alaska 99501-3451

Phone: (907) 278-8012 Fax: (907) 276-7178



June 26, 1995

Ken Hodges
Cordova Ranger District
U.S. Forest Service
POB 280
Cordova, Alaska 99574

Dear Mr. Hodges:

This letter is to inform you of my preliminary recommendation that the *Exxon Valdez Oil Spill Trustee Council* fund project 96139C1, Montague Riparian Rehabilitation Monitoring Program. However, my recommendation is contingent on submission and approval of a Detailed Project Description (DPD) for the FY 95 version of the project (95139C1), and satisfactory resolution of several methodological and budget questions (see peer and budget review comments below).

My preliminary recommendation will be incorporated into the Draft FY 96 Work Plan, which will be circulated for public review later this month. The Draft Work Plan has not been reviewed nor approved by the Trustee Council. The comment period on the draft closes on August 4, and, in addition to public comment on the draft, the proposed projects are being reviewed by legal staff to ensure consistency with the requirements of the civil settlement. Following review of any comments received and the Draft Work Plan as a whole, I will make a final recommendation in mid-August for action by the Trustee Council on or about August 25.

Peer Review Comments. Peer review on this project indicated that the U.S. Forest Service is well qualified to do what is proposed, and that the project is basically sound. It would be desirable, however, to have additional detail on what parameters are to be monitored and when. The project milestones described in the "Schedule" section of the DPD are weak. There should be a clearer description of who will do what and when for the seven months of time spread among three staff members (not including the Program Manager).

Budget Review Comments. The requested 120 days of field time is substantial and needs better justification, which can be achieved through a better description of project milestones and how staff will accomplish those milestones. It is not clear that this amount of time is needed to accomplish the work described in the DPD. The need for \$1,600 in printing costs (Commodities line) is unclear and needs justification.

Trustee Agencies

State of Alaska: Departments of Fish & Game, Law, and Environmental Conservation
United States: National Oceanic and Atmospheric Administration, Departments of Agriculture and Interior

If you have questions about my initial recommendation or the peer and budget review comments, please contact your agency's oil spill liaison, Ray Thompson, and he will contact the appropriate EVOS staff member. Please submit your response to the peer and budget review comments to the Restoration Office, Attn: Sandra Schubert by **July 14, 1995**. If Dr. Spies is satisfied with the additional information you provide about methods and schedules and approves a DPD for 95139C, and if the budget issues outlined above are resolved, I am prepared to favorably recommend this project to the Trustee Council.

Thank you for your continuing interest in the *Exxon Valdez* oil spill restoration program.

Sincerely,

A handwritten signature in black ink, appearing to read 'Molly McCammon', with a stylized flourish at the end.

Molly McCammon
Executive Director

cc: Ray Thompson, USFS
Dr. Robert Spies, Chief Scientist

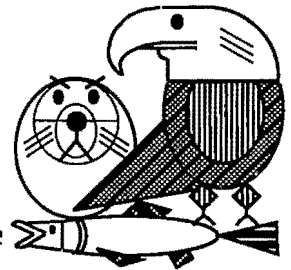
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Exxon Valdez Oil Spill Trustee Council

Restoration Office

645 G Street, Suite 401, Anchorage, Alaska 99501-3451

Phone: (907) 278-8012 Fax: (907) 276-7178



June 26, 1995

Ernie Piper
Alaska Department of Environmental Conservation
3601 C Street, Suite 1334
Anchorage, Alaska 99503

Dear Ernie:

This letter is to inform you of my preliminary recommendation that the *Exxon Valdez* Trustee Council approve funding to close out project 96027/Kodiak Archipelago Shoreline Assessment. Consistent with the peer review comments and my earlier discussions with you, my preliminary recommendation is that the cost of the project be limited to approximately \$10,000.

Toward this end, please submit a revised detailed budget not to exceed \$10,000 to the Restoration Office, Attn: Sandra Schubert by **July 14, 1995**. (An electronic copy of the budget is not needed.)

My preliminary recommendation will be incorporated into the Draft Work Plan. The Draft is being circulated for public review in late June, and has not been reviewed or approved by the Trustee Council. The comment period on the Draft Work Plan closes on August 4, 1995. In addition to public comment on the Draft, recommended projects are being reviewed by legal staff to ensure they are consistent with the requirements of the civil settlement. At the close of the public comment period, I will make a final recommendation to the Trustee Council in mid-August. The Council is scheduled to make its decision on the Work Plan on or about August 25th, and I expect to be able to authorize work on approved projects by October 1, 1995.

Thank you for your continuing interest in the *Exxon Valdez* restoration program.

Sincerely,

Molly McCammon
Executive Director

cc: Dr. Robert Spies, Chief Scientist

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Trustee Agencies

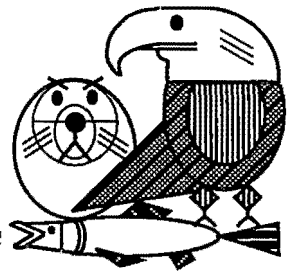
State of Alaska: Departments of Fish & Game, Law, and Environmental Conservation
United States: National Oceanic and Atmospheric Administration, Departments of Agriculture and Interior

Exxon Valdez Oil Spill Trustee Council

Restoration Office

645 G Street, Suite 401, Anchorage, Alaska 99501-3451

Phone: (907) 278-8012 Fax: (907) 276-7178



June 26, 1995

Dr. Mike Castellini
Institute of Marine Science
University of Alaska Fairbanks
General Delivery
Fairbanks, Alaska 99775-1080

Dear Dr. Castellini:

This letter is to inform you of my preliminary recommendation that the *Exxon Valdez* Trustee Council (EVOS) approve funding for Project 96001/Recovery of Harbor Seals from EVOS: Condition and Health Status.

My preliminary recommendation will be incorporated into the Draft Work Plan, which will be circulated for public review later this month. The Draft Work Plan has not been reviewed or approved by the Trustee Council. The comment period on the draft closes on August 4. Recommended projects are also being reviewed by legal staff to ensure consistency with the requirements of the civil settlement. Following review of any comments received and the Draft Work Plan as a whole, I will make a final recommendation to the Trustee Council in mid-August. The Trustee Council is scheduled to make its decision on the Work Plan on or about August 25.

Peer Review Comments. The Chief Scientist's draft recommendation on Project 96001 is as follows:

This is a solid technical proposal that addresses a basic question about recovery of harbor seals in the oil spill area. The investigator is well qualified, and he is helping to evaluate the most generally accepted hypothesis for the seals' decline.

I have enclosed a letter from the Chief Scientist relaying additional comments on Project 96001. If the Trustee Council funds this project, please consider these comments in the project's implementation. However, it is not necessary to revise the detailed project description (DPD) at this time.

Budget Review Comments. Although I support this proposal, I do have concerns about some of the costs included in the project budget. Please revise the budget to reflect at least the following three items:

Trustee Agencies

State of Alaska: Departments of Fish & Game, Law, and Environmental Conservation
United States: National Oceanic and Atmospheric Administration, Departments of Agriculture and Interior

Indirect Cost. The Trustee Council has recently agreed with the University to an indirect rate of 25% of total direct costs, modified by subcontracts and equipment (see enclosed agreement). The indirect rate should therefore be increased from 20% to 25%.

General Administration. Once you have completed Forms 4A and B, please work with the Alaska Department of Fish and Game (ADF&G), the lead trustee agency for this project, to complete Forms 3A and B. These forms reflect program management costs and general administration. Program management costs must comply with the recently established guideline of one month of agency personnel per project.

Contractual Costs. Expenses for phone (\$1,000) and postage (\$400) are considered indirect costs (and therefore covered in the indirect rate), and should not be budgeted for separately.

In addition, please consider the following concerns about specific line item requests, and either provide the justification requested or revise the budget accordingly.

Travel Costs. The *Invitation* (p. B4) states that the project budget should include the cost for the principal investigator to attend two restoration workshops. The budget for this project also includes \$600 for a student to attend the January workshop. Please justify the need for the student to attend this workshop. Also, please explain why the budget includes \$1,700 to send the principal investigator and two students to the Marine Mammal Meeting in Orlando.

If you have questions about peer review or budget review comments, please contact Dr. Joe Sullivan (ph. 267-2213), the liaison for ADF&G. Please submit a revised budget and line item justifications, if any, to the Restoration Office, Attn. Sandra Schubert, by **July 14, 1995**. (An electronic copy of the budget is not needed.)

Thank you for your continuing interest in the *Exxon Valdez* restoration program.

Sincerely,

Molly McCammon
Executive Director

Enclosure

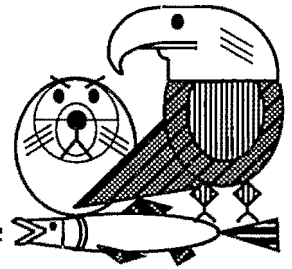
cc: Dr. Joe Sullivan, Alaska Department Fish & Game
Dr. Robert Spies, Chief Scientist

Exxon Valdez Oil Spill Trustee Council

Restoration Office

645 G Street, Suite 401, Anchorage, Alaska 99501-3451

Phone: (907) 278-8012 Fax: (907) 276-7178



June 26, 1995

Kathryn Frost
Alaska Department of Fish and Game
1300 College Road
Fairbanks, Alaska 99701

Dear Kathy:

This letter is to inform you of my preliminary recommendation that the *Exxon Valdez* Trustee Council approve funding for Project 96064/Monitoring, Habitat Use and Trophic Interactions of Harbor Seals in Prince William Sound.

My preliminary recommendation will be incorporated into the Draft Work Plan, which will be circulated for public review later this month. The Draft Work Plan has not been reviewed or approved by the Trustee Council. The comment period on the draft closes on August 4. Recommended projects are also being reviewed by legal staff to ensure consistency with the requirements of the civil settlement. Following review of any comments received and the Draft Work Plan as a whole, I will make a final recommendation to the Trustee Council in mid-August. The Trustee Council is scheduled to make its decision on the Work Plan on or about August 25.

Peer Review Comments. The Chief Scientist's draft recommendation on Project 96064 is as follows:

This is a very good proposal that deserves support. The proposal could be improved, however, by more clearly elaborated and prioritized hypotheses.

I have enclosed a letter from the Chief Scientist relaying additional comments on Project 96064. If the Trustee Council funds this project, please consider these comments in the project's implementation. However, it is not necessary to revise the Detailed Project Description (DPD) at this time.

Budget Review Comments. Please consider the following concerns about specific line item requests, and either revise the budget accordingly or provide the justification requested.

Personnel Costs. Please justify the need for the WBIII for Payments and Data Analysis, the Analyst Programmer, and the Biometrician II in light of the NOAA

Trustee Agencies

State of Alaska: Departments of Fish & Game, Law, and Environmental Conservation.

United States: National Oceanic and Atmospheric Administration, Departments of Agriculture and Interior

contract for \$22,500 for "biometrician support (modelling, ppt data analysis, survey data)."

The agency program management costs (1.8 months for a Fisheries Biologist III and a Librarian II) should be reduced to one month, consistent with the discussion of the Restoration Work Force at its June 20, 1995 meeting.

Travel Costs. Please explain the \$1,700 request for a trip from Seattle-Anchorage with the notation, "Bob Small field & meet."

Contractual Costs. Please explain why September 1995 tags will be paid from FY 96 funds. Also, expenses for phone (\$1,200) and postage (\$200) are considered indirect costs and should not be budgeted for separately.

Commodities. Expenses for office supplies (\$300) and computer supplies (\$600) are also considered indirect costs and should not be budgeted for separately. Also, how is the computer software requested for graphics and GIS related to the project?

Equipment. Please justify the need for a color printer for graphics, overheads, and slides.

If you have questions about peer review or budget review comments, please contact Dr. Joe Sullivan (ph. 267-2213), the ADF&G liaison. Please submit a revised budget and line item justifications, if any, to the Restoration Office, Attn. Sandra Schubert, by **July 14, 1995**. An electronic copy of the budget is not needed.

Thank you for your continuing interest in the *Exxon Valdez* restoration program. We value your contributions.

Sincerely,

Molly McCammon
Executive Director

Enclosure

cc: Dr. Joe Sullivan, Alaska Department Fish & Game

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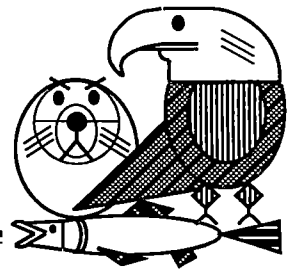
Sent to Spies
even tho he's
not cc'd.

Exxon Valdez Oil Spill Trustee Council

Restoration Office

645 G Street, Suite 401, Anchorage, Alaska 99501-3451

Phone: (907) 278-8012 Fax: (907) 276-7178



June 26 1995

Ray Thompson
Chugach National Forest
3301 C Street, Suite 300
Anchorage, Alaska 99503

Dear Ray:

This letter is to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council fund a feasibility study for the stocking of sockeye salmon in Columbia and Solf lakes in FY 1996 contingent on submission and approval of a single, revised Detailed Project Description (DPD) for projects 96256 and 96257. Total funding should not exceed \$60,000.

My preliminary recommendation will be incorporated into the Draft FY 96 Work Plan, which will be circulated for public review later this month. The Draft Work Plan has not been reviewed or approved by the Trustee Council. The comment period on the draft closes on August 4, and, in addition to public comment on the draft, the proposed projects are being reviewed by legal staff to ensure consistency with the requirements of the civil settlement. Following review of any comments received and the Draft Work Plan as a whole, I will make a final recommendation in mid-August for action by the Trustee Council on or about August 25.

Peer Review Comments. As drafted, Projects 96256 and 96257 were rated poorly in the scientific peer review process. In the case of Columbia Lake, the estimate of the productive capacity of the lake for sockeye (p. 3) was questioned, and there was no real basis for evaluating the technical soundness of the proposal. Additionally, there is concern that the productive capacity of early successional stages of a previously glacially occluded lake could be near zero. Some information to the contrary was presented in the review of the project proposals by the Restoration Work Force, and this needs to be integrated into a revised proposal.

In the case of Solf Lake, the reviewer indicated that it is probably feasible to develop a sockeye fishery. There is concern, however, that the proposal does not address the question of mixed stock fisheries in western Prince William Sound and does not meet the criteria developed at the Trustee Council's salmon supplementation workshop.

Trustee Agencies

State of Alaska: Departments of Fish & Game, Law, and Environmental Conservation
United States: National Oceanic and Atmospheric Administration, Departments of Agriculture and Interior

Budget Review Comments. The detailed budget review will not be conducted until the two proposals are recast as a single feasibility study. Be sure to include program management costs as per the Restoration Work Force meeting on June 20, 1995 (that is, a month of agency program management for the project). The budget should not exceed \$60,000.

In summary, my recommendation is that projects 96256 and 96257 be combined into a single feasibility study for FY 96 at a cost not to exceed \$60,000. The revised DPD should carefully describe what is known about each lake, the feasibility of establishing sockeye fisheries there, and the probable methods and rough costs. Please describe what additional information is needed and how such information will be obtained through the proposed feasibility study.

To the extent possible with existing information, please address in the DPD concerns about management of mixed stock fisheries and other criteria developed at the supplementation workshop. If an environmental assessment is required for this feasibility study, please include the necessary steps in the schedule section of the DPD. Finally, if this project involves private or selected land, consent of the landowner(s) must be obtained before I will recommend that the feasibility study be funded.

If you have questions about my initial recommendation or the peer and budget review comments, please contact Stan Senner, Science Coordinator, at the Restoration Office. Please submit a revised DPD and detailed budget for 96256/257 to the Restoration Office no later than **July 14, 1995**. (An electronic version of the new DPD must also be submitted; an electronic version of the detailed budget is not required.) Pending submission and review of the revised DPD and budget, I will reconsider my preliminary recommendation to the Trustee Council.

Sincerely,

Molly McCammon
Executive Director

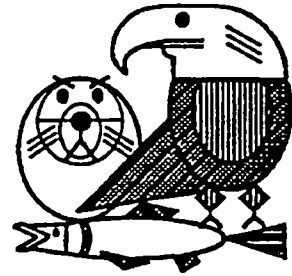
cc: Dr. Dave Gibbons, USFS
Dr. Robert Spies, Chief Scientist

Exxon Valdez Oil Spill Trustee Council

Restoration Office

645 "G" Street, Anchorage, AK 99501

Phone: (907) 278-8012 Fax: (907) 276-7178



MEMORANDUM

TO: Molly McCammon
FROM: *Traci Cramer*
Traci Cramer
Administrative Officer

DATE: June 26, 1995

RE: Cash Flow Explanation

This explanation is being provided for the cash flow statement and supporting schedules dated June 26, 1995. Where appropriate, I have indicated the month that a payment is anticipated.

I have adjusted the land payment for Afognak from October to September and the work plan as an expense occurring prior to the beginning of each fiscal year to reflect actual withdrawal from the joint account. In addition, the formate has been adjusted per your direction. The only real change was to kick the Restoration Reserve contribution in FFY 1997 to the end of the fiscal year.

FY Increases & Other Authorization

This transaction only occurs in FFY 1995 and consists of authorization to the USFS for Habitat Acquisition and Support.

Administration, SRB & Public Information

All the distributions occur in October of each year.

FY General Restoration - Monitoring and Research

With the exception of FFY 1995, all distributions occur in the September to reflect actual withdrawal from the joint account. This statement reflects Trustee Council action through March 31, 1995.

Trustee Agencies

State of Alaska: Departments of Fish & Game, Law, and Environmental Conservation
United States: National Oceanic & Atmospheric Administration, Departments of Agriculture and Interior

Land Acquisition Down Payments

Down payments reflected in FFY 1995 included the following.

Orca Narrows	\$1,450.0	Jan.
Orca Narrows	\$200.0	April
Akhiok-Kaguyak, Incorporated	\$13,000.0	April
Old Harbor	\$4,000.0	April
Kodiak Island Borough	\$8,400.0	Aug.
Koniag, Incorporated	\$3,000.0	Aug.
Chenega Corporation	\$7,600.0	Sept.

Down payments reflected in FFY 1996 include the following.

Kenai (Port Graham/English Bay)	\$3,500.0	Oct.
Eyak Corporation	\$10,000.0	Jan.
Tatitlek Corporation	\$2,400.0	Jan.
Afognak Joint Ventures	\$14,000.0	Feb.

Land Acquisition Payments

The FFY 1995 land payment includes the following.

Seal Bay	\$3,111.2	Nov.
Akhiok-Kaguyak, Incorporated	\$8,000.0	Sept.
Old Harbor	\$7,250.0	Sept.
Koniag, Incorporated	\$5,000.0	Sept.

The FFY 1996 land payment includes the following.

Small Parcel	\$12,000.0	Oct.
Seal Bay (Principal, plus interest at 6%)	\$3,270.2	Nov.
Kodiak Island Borough	\$2,100.0	Sept.
Chenega Corporation	\$1,900.0	Sept.
Eyak Corporation	\$2,500.0	Sept.
Koniag, Incorporated	\$4,500.0	Sept.
Akhiok-Kaguyak, Incorporated	\$7,500.0	Sept.
Tatitlek Corporation	\$600.0	Sept.
Afognak Joint Ventures	\$3,500.0	Sept.

The FFY 1997 land payment includes the following.

Kenai (Port Graham/English Bay)	\$3,000.0	Oct.
Seal Bay (Principal, plus interest at 6%)	\$3,093.4	Nov.
Kodiak Island Borough	\$6,300.0	Sept.
Chenega Corporation	\$5,700.0	Sept.
Eyak Corporation	\$7,500.0	Sept.
Akhiok-Kaguyak, Incorporated	\$7,500.0	Sept.
Koniag, Incorporated	\$4,500.0	Sept.
Tatitlek Corporation	\$1,800.0	Sept.
Afognak Joint Ventures	\$10,500.0	Sept.

The FFY 1998 land payment includes the following.

Kenai (Port Graham/English Bay)	\$2,500.0	Oct.
Eyak Corporation	\$7,500.0	Sept.
Kodiak Island Borough	\$6,300.0	Sept.
Chenega Corporation	\$5,700.0	Sept.
Koniag, Incorporated	\$4,500.0	Sept.
Tatitlek Corporation	\$1,800.0	Sept.
Afognak Joint Ventures	\$10,500.0	Sept.

The FFY 1999 land payment includes the following.

Kenai (Port Graham/English Bay)	\$2,500.0	Oct.
Eyak Corporation	\$7,500.0	Sept.
Kodiak Island Borough	\$6,300.0	Sept.
Chenega Corporation	\$5,700.0	Sept.
Tatitlek Corporation	\$1,800.0	Sept.
Afognak Joint Ventures	\$10,500.0	Sept.

The FFY 2000 land payment includes the following.

Kenai (Port Graham/English Bay)	\$2,500.0	Oct.
Eyak Corporation	\$7,500.0	Sept.
Kodiak Island Borough	\$6,300.0	Sept.
Chenega Corporation	\$5,700.0	Sept.
Tatitlek Corporation	\$1,800.0	Sept.
Afognak Joint Ventures	\$10,500.0	Sept.

The FFY 2001 land payment includes the following.

Kenai (Port Graham/English Bay)	\$2,500.0	Oct.
Eyak Corporation	\$7,500.0	Sept.
Kodiak Island Borough	\$6,300.0	Sept.
Chenega Corporation	\$5,700.0	Sept.
Tatitlek Corporation	\$1,800.0	Sept.
Koniag, Incorporated	\$16,500.0	Sept.
Afognak Joint Ventures	\$10,500.0	Sept.

Alaska Sealife Center

The first disbursement occurs in September of FFY 1995, with the balance disbursed in September of FFY 1996.

Restoration Reserve Contribution

For calculation purposes an interest rate of 7% has been selected. No attempt has been made to determine management fees that may be charged by CRIS. Due to timing, only one quarter of interest has been reflected for FFY 1995. Where possible, the restoration reserve contribution is reflect in October. To maintain a positive cash flow, the contributions for FFY 1997, 1998 and 1999 are distributed in September. These contributions have been increased to account for lost earnings.

CRIS Management Fees

The management fees is calculated as 10% of earnings per CRIS's operating procedures.

Exxon Payment after Reimbursements

The outstanding Exxon payments are as follows. (Note: Payments occur at year end)

FFY 1995	\$70,000.0
FFY 1996	\$70,000.0
FFY 1997	\$70,000.0
FFY 1998	\$70,000.0
FFY 1999	\$70,000.0
FFY 2000	\$70,000.0
FFY 2001	\$70,000.0

The remaining reimbursements are distributed as follows.

FFY 1996	\$3,000.0	Federal
FFY 1997	\$3,300.0	State
FFY 1998	\$5,000.0	State
FFY 1999	\$5,000.0	State
FFY 2000	\$5,000.0	State
FFY 2001	\$5,000.0	State

Interest Estimate

The interest is calculated on a month ending basis at a rate of 5%.

Lapse

As of March 31, 1996 the unexpended/unobligated balance (after work plan offset)

for FFY 1992 and FFY 1993 is \$2,639.2. For FFY 1994, the agencies report that \$3,073.3 is unexpended/unobligated as of March 31, 1995. The FFY 1992 and FFY 1993 lapse has been included in the first year, with an estimate of \$500.0 for each year thereafter.

IFT

**EVOS Financial Plan
Stated in Thousands**

	FFY 1995	FFY 1996	FFY 1997	FFY 1998	FFY 1999	FFY 2000	FFY 2001	FFY 2002
Joint Trust Fund, Beginning Balance	134,908.5 [1]	68,373.5	25,385.0	13,924.7	13,814.6	19,019.4	25,000.9	14,695.3
Exxon Payment	70,000.0	70,000.0	70,000.0	70,000.0	70,000.0	70,000.0	70,000.0	
Reimbursements	[2]	-3,000.0	-3,300.0	-5,000.0	-5,000.0	-5,000.0	-5,000.0	
Interest Earned	4,837.3	1,041.9	970.1	588.8	605.3	312.8	549.3	137.6
Estimated Revenue	209,745.8	136,415.4	93,055.1	79,513.5	79,419.9	84,332.2	90,550.2	14,832.9
Administration, Scientific Mgt. & Public Info.	7,408.9 [3]	3,200.0	2,800.0	2,500.0	1,700.0	1,500.0	1,500.0	0.0
FY General Restoration-Monitor & Research	35,919.4 [4]	16,000.0	14,000.0	12,000.0	12,000.0	12,000.0	12,000.0	0.0
Habitat Protection:								
Acquisition Down Payments	37,650.0	29,900.0	0.0	0.0	0.0	0.0	0.0	0.0
Annual Payments	23,361.2	37,870.2	49,893.4	38,800.0	34,300.0	34,300.0	50,800.0	0.0
Associated Costs	2,649.0 [5]	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Alaska Sealife Center	12,500.0	12,456.0	0.0	0.0	0	0	0	0
CRIS Management Fees	483.7	104.2	97.0	58.9	60.5	31.3	54.9	13.8
Restoration Reserve Contribution	24,000.0	12,000.0	12,840.0	12,840.0	12,840.0	12,000.0	12,000.0	12,000.0
Estimated Expenses	143,972.2	111,530.4	79,630.4	66,198.9	60,900.5	59,831.3	76,354.9	12,013.8
Joint Trust Fund, Ending Balance	65,773.5	24,885.0	13,424.7	13,314.6	18,519.4	24,500.9	14,195.3	2,819.1
Lapse (estimate)	2,600.0	500.0	500.0	500.0	500.0	500.0	500.0	
Adjusted Joint Trust Fund, Ending Balance	68,373.5	25,385.0	13,924.7	13,814.6	19,019.4	25,000.9	14,695.3	2,819.1
Restoration Reserve Balance (estimate)	24,420.0	38,969.4	54,537.3	71,194.9	89,018.5	108,089.8	128,496.1	153,149.9 [5]

Footnotes:

1. Balance as of September 30, 1994
2. Reimbursements include \$3,000.0 in FFY96 for the Department of Agriculture and \$23,300.0 for the State of Alaska.
3. Represents the 1995 Work Plan, plus an estimate of \$3,200.0 for FFY 1996.
4. Represents the 1995 Work Plan as of the March 31, 1995 meeting less carry-forward authorization, interest and Habitat Acquisition Support, plus an estimate of \$18,000.0 for FFY 1996.
5. Includes funding of \$1,500.0 approved in the latter part of FFY1994, and authorization as of the March 31, 1995 meeting for 95110 and 95126.
6. Represents the Restoration Reserve balance at year end(calculated at 7.0% average earnings), plus the FFY2002 Reserve Deposits/Earnings and the Year End Balance.

DRAFT

EVOS Monthly Cash Flow Estimate Stated in Thousands

FFY 1995													
Beginning Balance	134,908.5	124,710.2	122,055.0	122,512.7	109,008.9	109,417.7	109,828.0	92,975.3	91,665.8	92,009.5	68,264.6	57,077.8	
Item	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Total
FY Increases & Other Authorization													0.0
Administration, SRB & Public Info.	4,208.9											3,200.0	7,408.9
FY General Restoration-Monitor & Research	4,291.9			11,975.5				1,652.0				18,000.0	35,919.4
Habitat Protection Down Payments				1,450.0			17,200.0				11,400.0	7,600.0	37,650.0
Habitat Protection Payments		3,111.2										20,250.0	23,361.2
Habitat Protection Associated Costs	2,163.4			485.6									2,649.0
Alaska Sealife Center												12,500.0	12,500.0
Restoration Reserve Contribution									24,000.0				24,000.0
CRIS Management Fees	51.8	50.7	50.9	45.3	45.4	45.6	38.6	38.1	38.2	28.3	23.7	27.3	483.7
Exxon Payment after Reimbursements												70,000.0	70,000.0
Interest Estimate	517.7	506.7	508.6	452.5	454.2	455.9	385.9	380.5	381.9	283.4	236.9	273.0	4,837.3
Ending Balance	124,710.2	122,055.0	122,512.7	109,008.9	109,417.7	109,828.0	92,975.3	91,665.8	92,009.5	68,264.6	57,077.8	65,773.5	
FFY 1996													
Beginning Balance	68,373.5	41,026.8	37,898.2	38,040.3	25,736.5	11,780.5	11,824.7	11,869.0	11,913.5	11,958.2	12,003.0	12,048.0	
Item	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Total
FY Increases & Other Authorization													0.0
Administration, SRB & Public Info.												3,200.0	3,200.0
FY General Restoration-Monitor & Research												16,000.0	16,000.0
Habitat Protection Down Payments	3,500.0			12,400.0	14,000.0								29,900.0
Habitat Protection Payments	12,000.0	3,270.2										22,600.0	37,870.2
Habitat Protection Associated Costs													0.0
Alaska Sealife Center												12,456.0	12,456.0
Restoration Reserve Contribution	12,000.0												12,000.0
CRIS Management Fees	17.0	15.7	15.8	10.7	4.9	4.9	4.9	4.9	5.0	5.0	5.0	10.3	104.2
Exxon Payment after Reimbursements												67,000.0	67,000.0
Interest Estimate	170.3	157.3	157.9	106.8	48.9	49.1	49.3	49.5	49.6	49.8	50.0	103.3	1,041.9
Ending Balance	41,026.8	37,898.2	38,040.3	25,736.5	11,780.5	11,824.7	11,869.0	11,913.5	11,958.2	12,003.0	12,048.0	24,885.0	

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EVOS Monthly Cash Flow Estimate
Stated in Thousands

FFY 1997													
Beginning Balance	25,385.0	22,469.0	19,448.2	19,521.2	19,594.4	19,667.8	19,741.6	19,815.6	19,889.9	19,964.5	20,039.4	20,114.5	
Item	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Total
FY Increases & Other Authorization													0.0
Administration, SRB & Public Info.												2,800.0	2,800.0
FY General Restoration-Monitor & Research												14,000.0	14,000.0
Habitat Protection Down Payments													0.0
Habitat Protection Payments	3,000.0	3,093.4										43,800.0	49,893.4
Habitat Protection Associated Costs													0.0
Alaska Sealife Center													0.0
Restoration Reserve Contribution												12,840.0	12,840.0
CRIS Management Fees	9.3	8.1	8.1	8.1	8.2	8.2	8.2	8.3	8.3	8.3	8.3	5.6	97.0
Exxon Payment after Reimbursements												66,700.0	66,700.0
Interest Estimate	93.3	80.7	81.0	81.3	81.6	81.9	82.3	82.6	82.9	83.2	83.5	55.7	970.1
Ending Balance	22,469.0	19,448.2	19,521.2	19,594.4	19,667.8	19,741.6	19,815.6	19,889.9	19,964.5	20,039.4	20,114.5	13,424.7	
FFY 1998													
Beginning Balance	13,924.7	11,467.5	11,510.5	11,553.7	11,597.0	11,640.5	11,684.2	11,728.0	11,772.0	11,816.1	11,860.4	11,904.9	
Item	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Total
FY Increases & Other Authorization													0.0
Administration, SRB & Public Info.												2,500.0	2,500.0
FY General Restoration-Monitor & Research												12,000.0	12,000.0
Habitat Protection Down Payments													0.0
Habitat Protection Payments	2,500.0											36,300.0	38,800.0
Habitat Protection Associated Costs													0.0
Alaska Sealife Center													0.0
Restoration Reserve Contribution												12,840.0	12,840.0
CRIS Management Fees	4.8	4.8	4.8	4.8	4.8	4.9	4.9	4.9	4.9	4.9	4.9	5.5	58.9
Exxon Payment after Reimbursements												65,000.0	65,000.0
Interest Estimate	47.6	47.8	48.0	48.1	48.3	48.5	48.7	48.9	49.0	49.2	49.4	55.3	588.8
Ending Balance	11,467.5	11,510.5	11,553.7	11,597.0	11,640.5	11,684.2	11,728.0	11,772.0	11,816.1	11,860.4	11,904.9	13,314.6	

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EVOS Monthly Cash Flow Estimate
Stated in Thousands

FFY 1999													
Beginning Balance	13,814.6	11,357.1	11,399.7	11,442.4	11,485.3	11,528.4	11,571.6	11,615.0	11,658.6	11,702.3	11,746.2	11,790.2	
Item	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Total
FY Increases & Other Authorization													0.0
Administration, SRB & Public Info.												1,700.0	1,700.0
FY General Restoration-Monitor & Research												12,000.0	12,000.0
Habitat Protection Down Payments													0.0
Habitat Protection Payments	2,500.0											31,800.0	34,300.0
Habitat Protection Associated Costs													0.0
Alaska Sealife Center													0.0
Restoration Reserve Contribution												12,840.0	12,840.0
CRIS Management Fees	4.7	4.7	4.7	4.8	4.8	4.8	4.8	4.8	4.9	4.9	4.9	7.7	60.5
Exxon Payment after Reimbursements												65,000.0	65,000.0
Interest Estimate	47.1	47.3	47.5	47.7	47.9	48.0	48.2	48.4	48.6	48.8	48.9	76.9	605.3
Ending Balance	11,357.1	11,399.7	11,442.4	11,485.3	11,528.4	11,571.6	11,615.0	11,658.6	11,702.3	11,746.2	11,790.2	18,519.4	
FFY 2000													
Beginning Balance	19,019.4	4,536.3	4,553.4	4,570.4	4,587.6	4,604.8	4,622.0	4,639.4	4,656.8	4,674.2	4,691.8	4,709.4	
Item	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Total
FY Increases & Other Authorization													0.0
Administration, SRB & Public Info.												1,500.0	1,500.0
FY General Restoration-Monitor & Research												12,000.0	12,000.0
Habitat Protection Down Payments													0.0
Habitat Protection Payments	2,500.0											31,800.0	34,300.0
Habitat Protection Associated Costs													0.0
Alaska Sealife Center													0.0
Restoration Reserve Contribution	12,000.0												12,000.0
CRIS Management Fees	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.0	10.2	31.3
Exxon Payment after Reimbursements												65,000.0	65,000.0
Interest Estimate	18.8	18.9	19.0	19.0	19.1	19.2	19.3	19.3	19.4	19.5	19.5	101.7	312.8
Ending Balance	4,536.3	4,553.4	4,570.4	4,587.6	4,604.8	4,622.0	4,639.4	4,656.8	4,674.2	4,691.8	4,709.4	24,500.9	

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EVOS Monthly Cash Flow Estimate
Stated in Thousands

FFY 2001													
Beginning Balance	25,000.9	10,540.3	10,579.8	10,619.5	10,659.3	10,699.3	10,739.4	10,779.7	10,820.1	10,860.7	10,901.4	10,942.3	
Item	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Total
FY Increases & Other Authorization													0.0
Administration, SRB & Public Info.												1,500.0	1,500.0
FY General Restoration-Monitor & Research												12,000.0	12,000.0
Habitat Protection Down Payments													0.0
Habitat Protection Payments	2,500.0											48,300.0	50,800.0
Habitat Protection Associated Costs													0.0
Alaska Sealife Center													0.0
Restoration Reserve Contribution	12,000.0												12,000.0
CRIS Management Fees	4.4	4.4	4.4	4.4	4.4	4.5	4.5	4.5	4.5	4.5	4.5	5.9	54.9
Exxon Payment after Reimbursements												65,000.0	65,000.0
Interest Estimate	43.8	43.9	44.1	44.2	44.4	44.6	44.7	44.9	45.1	45.3	45.4	58.9	549.3
Ending Balance	10,540.3	10,579.8	10,619.5	10,659.3	10,699.3	10,739.4	10,779.7	10,820.1	10,860.7	10,901.4	10,942.3	14,195.3	
FFY 2002													
Beginning Balance	14,695.3	2,705.4	2,715.6	2,725.7	2,736.0	2,746.2	2,756.5	2,766.9	2,777.2	2,787.6	2,798.1	2,808.6	
Item	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Total
FY Increases & Other Authorization													0.0
Administration, SRB & Public Info.													0.0
FY General Restoration-Monitor & Research													0.0
Habitat Protection Down Payments													0.0
Habitat Protection Payments													0.0
Habitat Protection Associated Costs													0.0
Alaska Sealife Center													0.0
Restoration Reserve Contribution	12,000.0												12,000.0
CRIS Management Fees	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2	13.8
Exxon Payment													0.0
Interest Estimate	11.2	11.3	11.3	11.4	11.4	11.4	11.5	11.5	11.6	11.6	11.7	11.7	137.6
Ending Balance	2,705.4	2,715.6	2,725.7	2,736.0	2,746.2	2,756.5	2,766.9	2,777.2	2,787.6	2,798.1	2,808.6	2,819.1	

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Restoration Reserve Interest Calculation Stated in Thousands

Fiscal Year	Deposit	Rate	Annual Interest	Annual Interest Notes	Balance	Earnings Period	Notes
1995	24,000.0	7.00%	420.0	(deposit x rate)/4	24,420.0	3m	1995 interest + deposit = 1995 EB
1996	12,000.0	7.00%	2,549.4	(deposit + 1995 EB) x rate	38,969.4	12m	1995 EB + 1996 interest + deposit = 1996 EB
1997	0.0	7.00%	2,727.9	(deposit + 1996 EB) x rate	41,697.3	12m	1996 EB + 1997 interest = 1997 IB
1997	12,840.0		0.0		54,537.3	0m	1997 IB + deposit = 1997 EB
1998	0.0	7.00%	3,817.6	(deposit + 1997 EB) x rate	58,354.9	12m	1997 EB + 1998 interest = 1998 IB
1998	12,840.0		0.0		71,194.9	0m	1998 IB + deposit = 1998 EB
1999	0.0	7.00%	4,983.6	(deposit + 1998 EB) x rate	76,178.5	12m	1998 EB + 1999 interest = 1999 IB
1999	12,840.0		0.0		89,018.5	0m	1999 IB + deposit = 1999 EB
2000	12,000.0	7.00%	7,071.3	(deposit + 1999 EB) x rate	108,089.8	12m	1999 EB + 2000 interest = 2000 IB
2000	0.0		0.0		108,089.8	0m	2000 IB + deposit = 2000 EB
2001	12,000.0	7.00%	8,406.3	(deposit + 2000 EB) x rate	128,496.1	12m	2000 EB + 2001 interest = 2001 IB
2001	0.0		0.0		128,496.1	0m	2001 IB + deposit = 2001 EB
2002	12,000.0	7.00%	9,834.7	(deposit + 2001 EB) x rate	150,330.8	12m	2001 EB + 2002 Interest + payment
Total	110,520.0		39,810.8		150,330.8		

EB = Ending Balance

IB = Interim Balance

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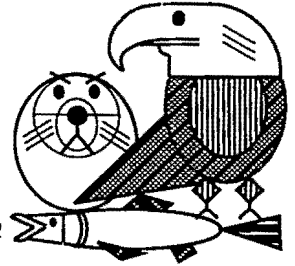
Land Acquisition Down Payments											
Landowners	FFY 1995	FFY 1996	FFY 1997	FFY 1998	FFY 1999	FFY 2000	FFY 2001	FFY 2002	Total		
Kenai (Port Graham/English Bay)		3,500.0							3,500.0		
Afognak Joint Ventures		14,000.0							14,000.0		
Kodiak Island Borough	8,400.0								8,400.0		
Akhiok - Kaguyak, Incorporated	13,000.0								13,000.0		
Koniag, Incorporated	3,000.0								3,000.0		
Old Harbor	4,000.0								4,000.0		
Chenega Corporation	7,600.0								7,600.0		
Eyak Corporation		10,000.0							10,000.0		
Tatitlek Corporation		2,400.0							2,400.0		
Sub-Total	36,000.0	29,900.0	0.0	0.0	0.0	0.0	0.0	0.0	65,900.0		
Small Parcels									0.0		
Seal Bay									0.0		
Orca Narrows	1,650.0								1,650.0		
Imminent Threat Sub-Total	1,650.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,650.0		
Total	37,650.0	29,900.0	0.0	0.0	0.0	0.0	0.0	0.0	67,550.0		
Annual Land Acquisition Payments											
Landowners	FFY 1995	FFY 1996	FFY 1997	FFY 1998	FFY 1999	FFY 2000	FFY 2001	FFY 2002	Payments Total	EVOS Total	Check
Kenai (Port Graham/English Bay)			3,000.0	2,500.0	2,500.0	2,500.0	2,500.0		13,000.0	16,500.0	16,500.0
Afognak Joint Ventures			3,500.0	10,500.0	10,500.0	10,500.0	10,500.0	10,500.0	56,000.0	70,000.0	70,000.0
Kodiak Island Borough		2,100.0	6,300.0	6,300.0	6,300.0	6,300.0	6,300.0		33,600.0	42,000.0	42,000.0
Akhiok - Kaguyak, Incorporated	8,000.0	7,500.0	7,500.0						23,000.0	36,000.0	36,000.0
Koniag, Incorporated	5,000.0	4,500.0	4,500.0	4,500.0			16,500.0		35,000.0	38,000.0	38,000.0
Old Harbor	7,250.0								7,250.0	11,250.0	11,250.0
Chenega Corporation		1,900.0	5,700.0	5,700.0	5,700.0	5,700.0	5,700.0		30,400.0	38,000.0	38,000.0
Eyak Corporation		2,500.0	7,500.0	7,500.0	7,500.0	7,500.0	7,500.0		40,000.0	50,000.0	50,000.0
Tatitlek Corporation		600.0	1,800.0	1,800.0	1,800.0	1,800.0	1,800.0		9,600.0	12,000.0	12,000.0
Sub-Total	20,250.0	19,100.0	39,800.0	38,800.0	34,300.0	34,300.0	50,800.0	10,500.0	247,850.0	313,750.0	313,750.0
Small Parcels	0.0	12,000.0							12,000.0		12,000.0
Seal Bay	3,111.2	3,270.2	3,093.4						9,474.8		9,474.8
Orca Narrows									0.0		1,650.0
Imminent Threat Sub-Total	3,111.2	3,270.2	3,093.4	0.0	0.0	0.0	0.0	0.0	9,474.8		11,124.8
Total	23,361.2	34,370.2	42,893.4	38,800.0	34,300.0	34,300.0	50,800.0	10,500.0	269,324.8		336,874.8
TOTAL	61,011.2	64,270.2	42,893.4	38,800.0	34,300.0	34,300.0	50,800.0	10,500.0	336,874.8		

Exxon Valdez Oil Spill Trustee Council

Restoration Office

645 G Street, Suite 401, Anchorage, Alaska 99501-3451

Phone: (907) 278-8012 Fax: (907) 276-7178



MEMORANDUM

TO: Joe Sullivan/ADFG

FROM: Molly McCammon
Executive Director

RE: Authorization -- Project 95191A/Investigating and Monitoring Oil Related
Egg and Alevin Mortalities

DATE: June 23, 1995

The purpose of this memorandum is to formally approve work to proceed on Project 95191A/Investigating and Monitoring Oil Related Egg and Alevin Mortalities, as described in the Detailed Project Description and consistent with the review of the Chief Scientist (see attached).

Attachment

cc: Bob Spies
Traci Cramer
Dan Moore

Trustee Agencies

State of Alaska: Departments of Fish & Game, Law, and Environmental Conservation
United States: National Oceanic and Atmospheric Administration, Departments of Agriculture and Interior

A P P L I E D

Marine

S C I E N C E S

June 19, 1995

Dr. Jim Seeb
Alaska Dept. Fish & Game
333 Raspberry Rd.
Anchorage, Alaska 99518

Dear Jim,

I am writing in relation to your detailed project description for "Oil related embryo mortalities" (95191A). As you are aware this project description was peer reviewed. The review is attached. The reviewer was fairly skeptical that the search for genetic lesions in the germ-line cells from oil exposures in embryos. There were also a number of other points raised in the review. In the interest of speeding up the review process I shared the review directly with you in a recent meeting in your office in Anchorage. I now have your reply to the review including some rebuttal, which I promised I would consider before making a recommendation for project 95191A.

Let me briefly recap the quest for genetic evidence that might explain increased embryo mortalities in pink salmon from oiled streams. It has been a history of continuous generous support by the Trustee Council of a difficult and low probability quest. The first attempt was with flow cytometry using sperm from returning pink salmon that were putatively exposed as embryos. The reviewer of the work was skeptical that (1) any genetic damage would persist in germ line cells throughout the life of the animal without either self-repair or cell death, and (2) that the type of lesion detectable with flow cytometry (a gross chromosomal abnormality) could cause heritable damage of the sort hypothesized. It was suggested that salt water intrusion could cause gross chromosomal damage and mosaicism that might explain some of the earlier differences in DNA content of sperm that were observed with flow cytometry between a small number of pink salmon initially sampled. A year or two of work went ahead in any case and you eventually found no evidence of an effect of oil with this technique. I believe that the effect of saltwater on developing mosaics was confirmed. You accepted the results and began to look in other directions. In the meantime I found another reviewer in 1994 who was also a genetic toxicologist and that expert suggested several of the most promising pathways to look for microlesions in the DNA of germline cells. In October 1995 yet another reviewer was brought to Anchorage to participate in the genetics workshop and even more methods were suggested for detecting microlesions were discussed. I think that many, if not all, of us realized that this would be a very challenging quest, looking for the proverbial needle (microlesion(s)) in the genetic haystack (genome), yet the



persistence of elevated embryo mortality in oiled streams through 1993, established through a very rigorous and powerful sampling program, was a compelling incentive to continue the search for the cause and the genetic damage hypothesis was one that could not yet be disproved. You have now started to explore a number of the suggested approaches to look for microlesions and 1995 was to be the year of a consolidated effort in this direction.

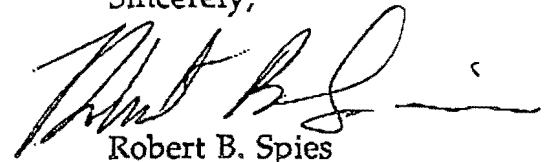
This latest review merely reflects a somewhat more pessimistic view of your chances for success and raises some significant issues for your consideration. I do not want to get into an extended dialog with you about the reviewer's qualifications or understanding of the problem. Your strong reaction to her review may have led to you to some passionate speculation--that embryos were bathed in oil and an implication that there are great rates of mutation to be expected. To the best of my knowledge germline mutations have not been studied much in fish and so the reviewer's experience with the literature of higher vertebrates was an appropriate reason to bring yet another perspective to the process. I hope that you will take from the review some important points. I am not going to take the suggestion from the reviewer that this project not be funded in 1995, since the reviewer does not have the wider perspective of how this fits into the whole picture of possible oil spill effects on pink salmon and the history of your quest. This letter constitutes my recommendation to the Executive director that this project be approved for 1995 funding.

I have recommended to the Executive Director that the 1995 work be reviewed at the earliest appropriate date to make a determination if work should be done throughout 1996 or not. I need to set a tentative time for a review in late 1995 or early 1996, so your suggestions are welcome in this regard.

In the mean time I wish you luck with 1995 studies and hope that bringing in several reviewers recently to essentially look at the direction of your quest for microlesions and lend their perspectives has been helpful. Although the last reviewer did not charge us, the prospect of being able to have five or six reviewers for each report, workshop and proposal and have timely and quality performance is untenable with current resources. In the case of the genetics studies I am comfortable that a creditable job has been done in the review process. I am considering having several reviewers attend the next review session on fish genetics since the issues are how this work relates to the broader aspects of fisheries, stock identification, and genetic toxicology.

There are many interests competing for funds to study pink salmon and we will not be able to fund every quality research proposal every year. I hope that the system of having several core reviewers to advise me is not brought into question by those who do not have total success in having their projects funded.

Sincerely,

A handwritten signature in black ink, appearing to read 'Robert B. Spies', with a long horizontal flourish extending to the right.

Robert B. Spies
Chief Scientist

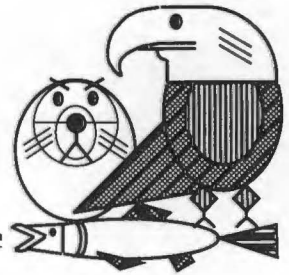
CC: M. McCammon
J. Sullivan
S. Senner

Exxon Valdez Oil Spill Trustee Council

Restoration Office

645 G Street, Suite 401, Anchorage, Alaska 99501-3451

Phone: (907) 278-8012 Fax: (907) 276-7178



MEMORANDUM

To: Trustee Council Members

From: Molly McCammon
Executive Director

Date: June 23, 1995

Subj: Tatitlek Land Appraisal

The purpose of this memorandum is to inform you of my intention to proceed with the timber appraisal by Cascade Appraisal Inc., of Tatitlek Native Corporation lands.

As you will recall, the Council adopted a resolution on December 2, 1994, authorizing an offer to the Tatitlek Native Corporation subject to certain conditions including preparation of an appraisal. Tatitlek Native Corporation subsequently approved the government appraisal work to be conducted on their land.

Based on a recent reassessment of the appraisal work, as a result of a change in the timber sub-contractor, it appears that the appraisal costs may be significantly higher than the previously approved estimate. The prior estimate was approximately \$200,000 by Pacific Forest Consultants. A more recent estimate by our new timber sub-contractor, Cascade Appraisal Inc., indicates that costs of the timber appraisal may be somewhat more than twice the prior estimate. The most recent cost estimate has been reviewed by federal appraisers and appears to be within reason.

Accordingly, proceeding with this appraisal work will likely require that supplemental funding be provided at a later date. I want to make sure that the Trustee Council recognizes this prior to my authorization to proceed.

Please let me know if you have any questions or concerns regarding the authorization to proceed prior to the close of business on **Monday, June 26th**. I would also note that we are very encouraged by our discussions with representatives of Tatitlek Native Corporation. They appear to be highly motivated and interested in reaching an agreement.

cc: Dave Gibbons
Alex Swiderski
John Hardening

mm/raw

Trustee Agencies

State of Alaska: Departments of Fish & Game, Law, and Environmental Conservation
United States: National Oceanic and Atmospheric Administration, Departments of Agriculture and Interior

*** MULTI TRANSACTION REPORT ***

TX/RX NO.

9207

INCOMPLETE TX/RX [31] 19074655070

TRANSACTION OK [09] 19075867589

[25] 19075867840

[26] 19074652075

[27] 12022084684

[28] 19075867249

[29] 19074652332

[36] 2787022

[37] 2714102

G. BURDEN

JUNEAU OFFICE

P. JANIK

B. BOTELHO

G. FRAMPTON

S. PENNOYER

F. RUE

ALEX-CRAIG

D. WILLIAMS

ERROR

FAX COMPLETE

Eric re-fax'd 6/24
FAX COMPLETE ... see attached

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FAX COVER SHEET

Gene Burden (attention: Michelle Brown)

To: _____ Number: _____

From: Molly McGarran Date: 6/23/95

Comments: _____ Total Pages: (2)

Please deliver ASAP.
Thank you.

FAX COMPLETE

Document Sent By: efm

2/15/95

Trustee Agencies

State of Alaska: Departments of Fish & Game, Law, and Environmental Conservation

United States: National Oceanic and Atmospheric Administration, Departments of Agriculture and Interior

*** ACTIVITY REPORT ***

TRANSMISSION OK

TX/RX NO.	9210
CONNECTION TEL	19074655070
CONNECTION ID	G.BURDEN
START TIME	06/24 11:26
USAGE TIME	01'24
PAGES	2
RESULT	OK

*** ERROR TX REPORT ***

TX FUNCTION WAS NOT COMPLETED

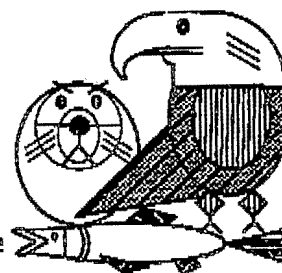
TX/RX NO. 9207
CONNECTION TEL 19074655070
CONNECTION ID G. BURDEN
START TIME 06/23 17:17
USAGE TIME 00'00
PAGES 0
RESULT NG 0. #018

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FAX COVER SHEET

To: Trustee Council

From: Molly McCommon Date: 6/23/95 16:56p.

Comments:

Total Pages: 2

Pls deliver ASAP. Thank you.

TRUSTEE COUNCIL MEMBERS AND THEIR ALTERNATES:

Botelho, Bruce

Burden, Gene

Frampton, Jr., George T.

Tillery, Craig

Brown, Michele

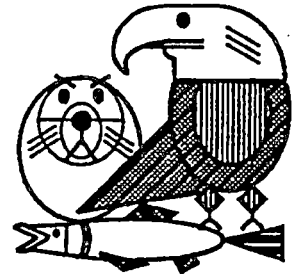
Williams, Deborah

Exxon Valdez Oil Spill Trustee Council

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Phone: (907) 278-8012 Fax: (907) 276-7178



MEMORANDUM

TO: Molly McCammon
FROM: *Traci Cramer*
Traci Cramer
Administrative Officer

DATE: June 21, 1995

RE: Cash Flow Explanation

This explanation is being provided for the cash flow statement and supporting schedules dated June 21, 1995. Where appropriate, I have indicated the month that a payment is anticipated.

This statement incorporates two adjustments. First the land acquisition down payments have been adjusted per the guidance of Alex Swiderski. Secondly, I have corrected the 1995 Work Plan Authorization to reflect action to date and removed the unobligated balance of the FY Increases and Other Authorizations.

FY Increases & Other Authorization

This transaction only occurs in FFY 1995 and consists of authorization to the USFS for Habitat Acquisition and Support.

Administration, SRB & Public Information

All the distributions occur in October of each year.

FY General Restoration - Monitoring and Research

With the exception of FFY 1995, all distributions occur in October of each year. This statement reflects Trustee Council action through March 31, 1995.

Trustee Agencies

State of Alaska: Departments of Fish & Game, Law, and Environmental Conservation
United States: National Oceanic & Atmospheric Administration, Departments of Agriculture and Interior

Land Acquisition Down Payments

Down payments reflected in FFY 1995 included the following.

Orca Narrows	\$1,450.0	Jan.
Orca Narrows	\$200.0	April
Akhiok-Kaguyak, Incorporated	\$13,000.0	April
Old Harbor	\$4,000.0	April
Kodiak Island Borough	\$8,400.0	Aug.
Koniag, Incorporated	\$3,000.0	Aug.
Chenega Corporation	\$7,600.0	Sept.

Down payments reflected in FFY 1996 include the following.

Kenai (Port Graham/English Bay)	\$3,500.0	Oct.
Eyak Corporation	\$10,000.0	Jan.
Tatitlek Corporation	\$2,400.0	Jan.
Afognak Joint Ventures	\$14,000.0	Feb.

Land Acquisition Payments

The FFY 1995 land payment includes the following.

Seal Bay	\$3,111.2	Nov.
Akhiok-Kaguyak, Incorporated	\$8,000.0	Sept.
Old Harbor	\$7,250.0	Sept.
Koniag, Incorporated	\$5,000.0	Sept.

The FFY 1996 land payment includes the following.

Small Parcel	\$12,000.0	Oct.
Seal Bay (Principal, plus interest at 6%)	\$3,270.2	Nov.
Kodiak Island Borough	\$2,100.0	Sept.
Chenega Corporation	\$1,900.0	Sept.
Eyak Corporation	\$2,500.0	Sept.
Koniag, Incorporated	\$4,500.0	Sept.
Akhiok-Kaguyak, Incorporated	\$7,500.0	Sept.
Tatitlek Corporation	\$600.0	Sept.

The FFY 1997 land payment includes the following.

Kenai (Port Graham/English Bay)	\$3,000.0	Oct.
Afognak Joint Ventures	\$3,500.0	Oct.
Seal Bay (Principal, plus interest at 6%)	\$3,093.4	Nov.
Kodiak Island Borough	\$6,300.0	Sept.
Chenega Corporation	\$5,700.0	Sept.
Eyak Corporation	\$7,500.0	Sept.
Akhiok-Kaguyak, Incorporated	\$7,500.0	Sept.
Koniag, Incorporated	\$4,500.0	Sept.
Tatitlek Corporation	\$1,800.0	Sept.

The FFY 1998 land payment includes the following.

Kenai (Port Graham/English Bay)	\$2,500.0	Oct.
Afognak Joint Ventures	\$10,500.0	Oct.
Eyak Corporation	\$7,500.0	Sept.
Kodiak Island Borough	\$6,300.0	Sept.
Chenega Corporation	\$5,700.0	Sept.
Koniag, Incorporated	\$4,500.0	Sept.
Tatitlek Corporation	\$1,800.0	Sept.

The FFY 1999 land payment includes the following.

Kenai (Port Graham/English Bay)	\$2,500.0	Oct.
Afognak Joint Ventures	\$10,500.0	Oct.
Eyak Corporation	\$7,500.0	Sept.
Kodiak Island Borough	\$6,300.0	Sept.
Chenega Corporation	\$5,700.0	Sept.
Tatitlek Corporation	\$1,800.0	Sept.

The FFY 2000 land payment includes the following.

Kenai (Port Graham/English Bay)	\$2,500.0	Oct.
Afognak Joint Ventures	\$10,500.0	Oct.
Eyak Corporation	\$7,500.0	Sept.
Kodiak Island Borough	\$6,300.0	Sept.
Chenega Corporation	\$5,700.0	Sept.
Tatitlek Corporation	\$1,800.0	Sept.

The FFY 2001 land payment includes the following.

Kenai (Port Graham/English Bay)	\$2,500.0	Oct.
Afognak Joint Ventures	\$10,500.0	Oct.
Eyak Corporation	\$7,500.0	Sept.
Kodiak Island Borough	\$6,300.0	Sept.
Chenega Corporation	\$5,700.0	Sept.
Tatitlek Corporation	\$1,800.0	Sept.
Koniag, Incorporated	\$16,500.0	Sept.

The FFY 2002 land payment includes the following.

Afognak Joint Ventures	\$10,500.0	Oct.
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Alaska Sealife Center

The first disbursement occurs in September of FFY 1995, with the balance disbursed in September of FFY 1996.

Restoration Reserve Contribution

For calculation purposes an interest rate of 7% has been selected. No attempt has been made to determine management fees that may be charged by CRIS. Due to timing, only one quarter of interest has been reflected for FFY 1995. Where possible, the restoration reserve contribution is reflected in October. To maintain a positive cash flow, the contributions for FFY 1998 and 1999 are distributed in September. These contributions have been increased to account for lost earnings.

CRIS Management Fees

The management fees is calculated as 10% of earnings per CRIS's operating procedures.

Exxon Payment after Reimbursements

The outstanding Exxon payments are as follows. (Note: Payments occur at year end)

FFY 1995	\$70,000.0
FFY 1996	\$70,000.0
FFY 1997	\$70,000.0
FFY 1998	\$70,000.0
FFY 1999	\$70,000.0
FFY 2000	\$70,000.0
FFY 2001	\$70,000.0

The remaining reimbursements are distributed as follows.

FFY 1996	\$3,000.0	Federal
FFY 1997	\$3,300.0	State
FFY 1998	\$5,000.0	State
FFY 1999	\$5,000.0	State
FFY 2000	\$5,000.0	State
FFY 2001	\$5,000.0	State

Interest Estimate

The interest is calculated on a month ending basis at a rate of 5%.

Lapse

As of March 31, 1996 the unexpended/unobligated balance (after work plan offset) for FFY 1992 and FFY 1993 is \$2,639.2. For FFY 1994, the agencies report that \$3,073.3 is unexpended/unobligated as of March 31, 1996. The FFY 1992 and FFY 1993 lapse has been included in the first year, with an estimate of \$500.0 for each year thereafter.

FT

EVOS Financial Plan
Stated in Thousands

	FFY 1995	FFY 1996	FFY 1997	FFY 1998	FFY 1999	FFY 2000	FFY 2001	FFY 2002
Joint Trust Fund, Beginning Balance	134,908.5 [1]	89,653.0	48,253.3	41,839.9	39,551.9	44,081.3	49,992.4	39,822.3
Exxon Payment	70,000.0	70,000.0	70,000.0	70,000.0	70,000.0	70,000.0	70,000.0	
Reimbursements	[2]	-3,000.0	-3,300.0	-5,000.0	-5,000.0	-5,000.0	-5,000.0	
Interest Earned	4,925.6	1,140.5	533.4	724.4	743.8	456.8	700.0	195.1
Estimated Revenue	209,834.1	157,793.5	115,486.7	107,564.3	105,295.7	109,538.1	115,692.3	40,017.4
FY Increases & Other Authorization	1,500.0 [3]	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Administration, SRB & Public Info.	4,208.9	3,200.0	3,200.0	2,800.0	2,500.0	1,700.0	1,500.0	1,500.0
FY General Restoration-Monitor & Research	19,068.4 [4]	18,000.0	16,000.0	14,000.0	12,000.0	12,000.0	12,000.0	12,000.0
Land Acquisition Down Payments	37,650.0	29,900.0	0.0	0.0	0.0	0.0	0.0	0.0
Land Acquisition Payments	23,361.2	34,370.2	42,893.4	38,800.0	34,300.0	34,300.0	50,800.0	10,500.0
Alaska Sealife Center	12,500.0	12,456.0	0.0	0.0	0	0	0	0
CRIS Management Fees	492.6	114.1	53.3	72.4	74.4	45.7	70.0	19.5
Restoration Reserve Contribution	24,000.0	12,000.0	12,000.0	12,840.0	12,840.0	12,000.0	12,000.0	12,000.0
Estimated Expenses	122,781.1	110,040.3	74,146.7	68,512.4	61,714.4	60,045.7	76,370.0	36,019.5
Joint Trust Fund, Ending Balance	87,053.0	47,753.3	41,339.9	39,051.9	43,581.3	49,492.4	39,322.3	3,997.9
Lapse (estimate)	2,600.0	500.0	500.0	500.0	500.0	500.0	500.0	
Adjusted Joint Trust Fund, Ending Balance	89,653.0	48,253.3	41,839.9	39,551.9	44,081.3	49,992.4	39,822.3	3,997.9
Restoration Reserve Balance (estimate)	24,420.0	38,969.4	54,537.3	71,194.9	89,018.5	108,089.8	128,496.1	154,328.8 [5]

Footnotes:

1. Balance as of September 30, 1994
2. Reimbursements include \$3,000.0 in FFY96 for the Department of Agriculture and \$23,300.0 for the State of Alaska.
3. Estimated increase for the 95' Work Plan, plus \$1,500.0 approved for Habitat Acquisition and Support.
4. Represents the 1995 Work Plan as approved in August, November, December, and January \$18,835.7 less carry-forward authorization and interest.
5. Represents the Restoration Reserve balance at year end(calculated at 7.0% average earnings), plus the FFY2002 Reserve Deposit/Earnings and the Year End Balance.

DRAFT

EVOS Monthly Cash Flow Estimate Stated in Thousands

FFY 1995													
Beginning Balance	134,908.5	124,710.2	122,055.0	122,512.7	109,008.9	109,417.7	109,828.0	92,975.3	91,665.8	92,009.5	68,264.6	57,077.8	.
Item	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Total
FY Increases & Other Authorization	1,500.0												1,500.0
Administration, SRB & Public Info.	4,208.9												4,208.9
FY General Restoration-Monitor & Research	4,955.3			12,461.1				1,652.0					19,068.4
Land Acquisition Down Payments				1,450.0			17,200.0				11,400.0	7,600.0	37,650.0
Land Acquisition Payments		3,111.2										20,250.0	23,361.2
Alaska Sealife Center												12,500.0	12,500.0
Restoration Reserve Contribution										24,000.0			24,000.0
CRIS Management Fees	51.8	50.7	50.9	45.3	45.4	45.6	38.6	38.1	38.2	28.3	23.7	36.1	492.6
Exxon Payment after Reimbursements												70,000.0	70,000.0
Interest Estimate	517.7	506.7	508.6	452.5	454.2	455.9	385.9	380.5	381.9	283.4	236.9	361.4	4,925.6
Ending Balance	124,710.2	122,055.0	122,512.7	109,008.9	109,417.7	109,828.0	92,975.3	91,665.8	92,009.5	68,264.6	57,077.8	87,053.0	
FFY 1996													
Beginning Balance	89,653.0	41,106.6	37,978.3	38,120.7	25,817.2	11,861.5	11,906.0	11,950.6	11,995.4	12,040.4	12,085.6	12,130.9	
Item	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Total
FY Increases & Other Authorization													0.0
Administration, SRB & Public Info.	3,200.0												3,200.0
FY General Restoration-Monitor & Research	18,000.0												18,000.0
Land Acquisition Down Payments	3,500.0			12,400.0	14,000.0								29,900.0
Land Acquisition Payments	12,000.0	3,270.2										19,100.0	34,370.2
Alaska Sealife Center												12,456.0	12,456.0
Restoration Reserve Contribution	12,000.0												12,000.0
CRIS Management Fees	17.1	15.8	15.8	10.7	4.9	4.9	5.0	5.0	5.0	5.0	5.0	19.8	114.1
Exxon Payment after Reimbursements												67,000.0	67,000.0
Interest Estimate	170.6	157.7	158.2	107.2	49.2	49.4	49.6	49.8	50.0	50.2	50.4	198.2	1,140.5
Ending Balance	41,106.6	37,978.3	38,120.7	25,817.2	11,861.5	11,906.0	11,950.6	11,995.4	12,040.4	12,085.6	12,130.9	47,753.3	

I FT
EVOS Monthly Cash Flow Estimate
Stated in Thousands

FFY 1997													
Beginning Balance	48,253.3	10,592.9	7,527.6	7,555.8	7,584.2	7,612.6	7,641.1	7,669.8	7,698.6	7,727.4	7,756.4	7,785.5	-
Item	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Total
FY Increases & Other Authorization													0.0
Administration, SRB & Public Info.	3,200.0												3,200.0
FY General Restoration-Monitor & Research	16,000.0												16,000.0
Land Acquisition Down Payments													0.0
Land Acquisition Payments	6,500.0	3,093.4										33,300.0	42,893.4
Alaska Sealife Center													0.0
Restoration Reserve Contribution	12,000.0												12,000.0
CRIS Management Fees	4.4	3.1	3.1	3.1	3.2	3.2	3.2	3.2	3.2	3.2	3.2	17.2	53.3
Exxon Payment after Reimbursements												66,700.0	66,700.0
Interest Estimate	44.0	31.2	31.4	31.5	31.6	31.7	31.8	32.0	32.1	32.2	32.3	171.6	533.4
Ending Balance	10,592.9	7,527.6	7,555.8	7,584.2	7,612.6	7,641.1	7,669.8	7,698.6	7,727.4	7,756.4	7,785.5	41,339.9	
FFY 1998													
Beginning Balance	41,839.9	12,085.1	12,130.4	12,175.9	12,221.6	12,267.4	12,313.4	12,359.6	12,405.9	12,452.4	12,499.1	12,546.0	
Item	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Total
FY Increases & Other Authorization													0.0
Administration, SRB & Public Info.	2,800.0												2,800.0
FY General Restoration-Monitor & Research	14,000.0												14,000.0
Land Acquisition Down Payments													0.0
Land Acquisition Payments	13,000.0											25,800.0	38,800.0
Alaska Sealife Center													0.0
Restoration Reserve Contribution												12,840.0	12,840.0
CRIS Management Fees	5.0	5.0	5.1	5.1	5.1	5.1	5.1	5.1	5.2	5.2	5.2	16.2	72.4
Exxon Payment after Reimbursements												65,000.0	65,000.0
Interest Estimate	50.2	50.4	50.5	50.7	50.9	51.1	51.3	51.5	51.7	51.9	52.1	162.1	724.4
Ending Balance	12,085.1	12,130.4	12,175.9	12,221.6	12,267.4	12,313.4	12,359.6	12,405.9	12,452.4	12,499.1	12,546.0	39,051.9	

L...FT
EVOS Monthly Cash Flow Estimate
Stated in Thousands

FFY 1999													
Beginning Balance	39,551.9	12,097.1	12,142.5	12,188.0	12,233.7	12,279.6	12,325.6	12,371.8	12,418.2	12,464.8	12,511.6	12,558.5	-
Item	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Total
FY Increases & Other Authorization													0.0
Administration, SRB & Public Info.	2,500.0												2,500.0
FY General Restoration-Monitor & Research	12,000.0												12,000.0
Land Acquisition Down Payments													0.0
Land Acquisition Payments	13,000.0											21,300.0	34,300.0
Alaska Sealife Center													0.0
Restoration Reserve Contribution												12,840.0	12,840.0
CRIS Management Fees	5.0	5.0	5.1	5.1	5.1	5.1	5.1	5.2	5.2	5.2	5.2	18.1	74.4
Exxon Payment after Reimbursements												65,000.0	65,000.0
Interest Estimate	50.2	50.4	50.6	50.8	51.0	51.2	51.4	51.5	51.7	51.9	52.1	180.9	743.8
Ending Balance	12,097.1	12,142.5	12,188.0	12,233.7	12,279.6	12,325.6	12,371.8	12,418.2	12,464.8	12,511.6	12,558.5	43,581.3	
FFY 2000													
Beginning Balance	44,081.3	5,401.5	5,421.7	5,442.1	5,462.5	5,482.9	5,503.5	5,524.1	5,544.9	5,565.7	5,586.5	5,607.5	
Item	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Total
FY Increases & Other Authorization													0.0
Administration, SRB & Public Info.	1,700.0												1,700.0
FY General Restoration-Monitor & Research	12,000.0												12,000.0
Land Acquisition Down Payments													0.0
Land Acquisition Payments	13,000.0											21,300.0	34,300.0
Alaska Sealife Center													0.0
Restoration Reserve Contribution	12,000.0												12,000.0
CRIS Management Fees	2.2	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	20.5	45.7
Exxon Payment after Reimbursements												65,000.0	65,000.0
Interest Estimate	22.4	22.5	22.6	22.7	22.8	22.8	22.9	23.0	23.1	23.2	23.3	205.4	456.8
Ending Balance	5,401.5	5,421.7	5,442.1	5,462.5	5,482.9	5,503.5	5,524.1	5,544.9	5,565.7	5,586.5	5,607.5	49,492.4	

DRAFT
EVOS Monthly Cash Flow Estimate
Stated in Thousands

FFY 2001													
Beginning Balance	49,992.4	11,535.5	11,578.7	11,622.2	11,665.7	11,709.5	11,753.4	11,797.5	11,841.7	11,886.1	11,930.7	11,975.4	.
Item	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Total
FY Increases & Other Authorization													0.0
Administration, SRB & Public Info.	1,500.0												1,500.0
FY General Restoration-Monitor & Research	12,000.0												12,000.0
Land Acquisition Down Payments													0.0
Land Acquisition Payments	13,000.0											37,800.0	50,800.0
Alaska Sealife Center													0.0
Restoration Reserve Contribution	12,000.0												12,000.0
CRIS Management Fees	4.8	4.8	4.8	4.8	4.9	4.9	4.9	4.9	4.9	5.0	5.0	16.3	70.0
Exxon Payment after Reimbursements												65,000.0	65,000.0
Interest Estimate	47.9	48.1	48.2	48.4	48.6	48.8	49.0	49.2	49.3	49.5	49.7	163.2	700.0
Ending Balance	11,535.5	11,578.7	11,622.2	11,665.7	11,709.5	11,753.4	11,797.5	11,841.7	11,886.1	11,930.7	11,975.4	39,322.3	
FFY 2002													
Beginning Balance	39,822.3	3,836.7	3,851.1	3,865.5	3,880.0	3,894.5	3,909.2	3,923.8	3,938.5	3,953.3	3,968.1	3,983.0	
Item	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Total
FY Increases & Other Authorization													0.0
Administration, SRB & Public Info.	1,500.0												1,500.0
FY General Restoration-Monitor & Research	12,000.0												12,000.0
Land Acquisition Down Payments													0.0
Land Acquisition Payments	10,500.0												10,500.0
Alaska Sealife Center													0.0
Restoration Reserve Contribution	12,000.0												12,000.0
CRIS Management Fees	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.7	19.5
Exxon Payment													0.0
Interest Estimate	15.9	16.0	16.0	16.1	16.2	16.2	16.3	16.3	16.4	16.5	16.5	16.6	195.1
Ending Balance	3,836.7	3,851.1	3,865.5	3,880.0	3,894.5	3,909.2	3,923.8	3,938.5	3,953.3	3,968.1	3,983.0	3,997.9	

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Land Acquisition Down Payments											
Landowners	FFY 1995	FFY 1996	FFY 1997	FFY 1998	FFY 1999	FFY 2000	FFY 2001	FFY 2002	Total		
Kenai (Port Graham/English Bay)		3,500.0							3,500.0		
Afognak Joint Ventures		14,000.0							14,000.0		
Kodiak Island Borough	8,400.0								8,400.0		
Akhiok - Kaguyak, Incorporated	13,000.0								13,000.0		
Koniag, Incorporated	3,000.0								3,000.0		
Old Harbor	4,000.0								4,000.0		
Chenega Corporation	7,600.0								7,600.0		
Eyak Corporation		10,000.0							10,000.0		
Tatitlek Corporation		2,400.0							2,400.0		
Sub-Total	36,000.0	29,900.0	0.0	0.0	0.0	0.0	0.0	0.0	65,900.0		
Small Parcels									0.0		
Seal Bay									0.0		
Orca Narrows	1,650.0								1,650.0		
Imminent Threat Sub-Total	1,650.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,650.0		
Total	37,650.0	29,900.0	0.0	0.0	0.0	0.0	0.0	0.0	67,550.0		
Annual Land Acquisition Payments											
Landowners	FFY 1995	FFY 1996	FFY 1997	FFY 1998	FFY 1999	FFY 2000	FFY 2001	FFY 2002	Payments Total	EVOS Total	Check
Kenai (Port Graham/English Bay)			3,000.0	2,500.0	2,500.0	2,500.0	2,500.0		13,000.0	16,500.0	16,500.0
Afognak Joint Ventures			3,500.0	10,500.0	10,500.0	10,500.0	10,500.0	10,500.0	56,000.0	70,000.0	70,000.0
Kodiak Island Borough		2,100.0	6,300.0	6,300.0	6,300.0	6,300.0	6,300.0		33,600.0	42,000.0	42,000.0
Akhiok - Kaguyak, Incorporated	8,000.0	7,500.0	7,500.0						23,000.0	36,000.0	36,000.0
Koniag, Incorporated	5,000.0	4,500.0	4,500.0	4,500.0			16,500.0		35,000.0	38,000.0	38,000.0
Old Harbor	7,250.0								7,250.0	11,250.0	11,250.0
Chenega Corporation		1,900.0	5,700.0	5,700.0	5,700.0	5,700.0	5,700.0		30,400.0	38,000.0	38,000.0
Eyak Corporation		2,500.0	7,500.0	7,500.0	7,500.0	7,500.0	7,500.0		40,000.0	50,000.0	50,000.0
Tatitlek Corporation		600.0	1,800.0	1,800.0	1,800.0	1,800.0	1,800.0		9,600.0	12,000.0	12,000.0
Sub-Total	20,250.0	19,100.0	39,800.0	38,800.0	34,300.0	34,300.0	50,800.0	10,500.0	247,850.0	313,750.0	313,750.0
Small Parcels	0.0	12,000.0							12,000.0		12,000.0
Seal Bay	3,111.2	3,270.2	3,093.4						9,474.8		9,474.8
Orca Narrows									0.0		1,650.0
Imminent Threat Sub-Total	3,111.2	3,270.2	3,093.4	0.0	0.0	0.0	0.0	0.0	9,474.8		11,124.8
Total	23,361.2	34,370.2	42,893.4	38,800.0	34,300.0	34,300.0	50,800.0	10,500.0	269,324.8		336,874.8
TOTAL	61,011.2	64,270.2	42,893.4	38,800.0	34,300.0	34,300.0	50,800.0	10,500.0	336,874.8		

120,000
59,141
32,100

Restoration Reserve Interest Calculation
Stated in Thousands

Fiscal Year	Deposit	Rate	Annual Interest	Annual Interest Notes	Balance	Earnings Period	Notes
1995	24,000.0	7.00%	420.0	(deposit x rate)/4	24,420.0	3m	1995 interest + deposit = 1995 EB
1996	12,000.0	7.00%	2,549.4	(deposit + 1995 EB) x rate	38,969.4	12m	1995 EB + 1996 interest + deposit = 1996 EB
1997	12,000.0	7.00%	3,567.9	(deposit + 1996 EB) x rate	54,537.3	12m	1996 EB + 1997 interest = 1997 IB
1997	0.0		0.0		54,537.3	0m	1997 IB + deposit = 1997 EB
1998	0.0	7.00%	3,817.6	(deposit + 1997 EB) x rate	58,354.9	12m	1997 EB + 1998 interest = 1998 IB
1998	12,840.0		0.0		71,194.9	0m	1998 IB + deposit = 1998 EB
1999	0.0	7.00%	4,983.6	(deposit + 1998 EB) x rate	76,178.5	12m	1998 EB + 1999 interest = 1999 IB
1999	12,840.0		0.0		89,018.5	0m	1999 IB + deposit = 1999 EB
2000	12,000.0	7.00%	7,071.3	(deposit + 1999 EB) x rate	108,089.8	12m	1999 EB + 2000 interest = 2000 IB
2000	0.0		0.0		108,089.8	0m	2000 IB + deposit = 2000 EB
2001	12,000.0	7.00%	8,406.3	(deposit + 2000 EB) x rate	128,496.1	12m	2000 EB + 2001 interest = 2001 IB
2001	0.0		0.0		128,496.1	0m	2001 IB + deposit = 2001 EB
2002	12,000.0	7.00%	9,834.7	(deposit + 2001 EB) x rate	150,330.8	12m	2001 EB + 2002 Interest + payment
Total	109,680.0		40,650.8		150,330.8		

EB = Ending Balance

IB = Interim Balance

Habitat Protection
Acquis Down Payments
Annual Payments
Associated Costs
(126) (126)

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EVOS Financial Plan Stated in Thousands

	FFY 1995	FFY 1996	FFY 1997	FFY 1998	FFY 1999	FFY 2000	FFY 2001	FFY 2002
Joint Trust Fund, Beginning Balance	134,908.5 [1]	89,653.0	48,253.3	41,839.9	39,551.9	44,081.3	49,992.4	39,822.3
Exxon Payment	70,000.0	70,000.0	70,000.0	70,000.0	70,000.0	70,000.0	70,000.0	
Reimbursements	[2]	-3,000.0	-3,300.0	-5,000.0	-5,000.0	-5,000.0	-5,000.0	
Interest Earned	4,925.6	1,140.5	533.4	724.4	743.8	456.8	700.0	195.1
Estimated Revenue	209,834.1	157,793.5	115,486.7	107,564.3	105,295.7	109,538.1	115,692.3	40,017.4
FY Increases & Other Authorization	1,500.0 [3]	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Administration, SEA & Public Info.	4,208.9	3,200.0	3,200.0	2,800.0	2,500.0	1,700.0	1,500.0	1,500.0
FY General Restoration-Monitor & Research	19,068.4 [4]	18,000.0	16,000.0	14,000.0	12,000.0	12,000.0	12,000.0	12,000.0
Habitat Acquisition Land Acquisition Down Payments	37,650.0	29,900.0	0.0	0.0	0.0	0.0	0.0	0.0
Annual Land Acquisition Payments	23,361.2	34,370.2	42,893.4	38,800.0	34,300.0	34,300.0	50,800.0	10,500.0
Associated Costs Alaska Sealife Center	12,500.0	12,456.0	0.0	0.0	0	0	0	0
CRIS Management Fees	492.6	114.1	53.3	72.4	74.4	45.7	70.0	19.5
Restoration Reserve Contribution	24,000.0	12,000.0	12,000.0	12,840.0	12,840.0	12,000.0	12,000.0	12,000.0
Estimated Expenses	122,781.1	110,040.3	74,146.7	68,512.4	61,714.4	60,045.7	76,370.0	36,019.5
Joint Trust Fund, Ending Balance	87,053.0	47,753.3	41,339.9	39,051.9	43,581.3	49,492.4	39,322.3	3,997.9
Lapse (estimate)	2,600.0	500.0	500.0	500.0	500.0	500.0	500.0	
Adjusted Joint Trust Fund, Ending Balance	89,653.0	48,253.3	41,839.9	39,551.9	44,081.3	49,992.4	39,822.3	3,997.9
Restoration Reserve Balance (estimate)	24,420.0	38,969.4	54,537.3	71,194.9	89,018.5	108,089.8	128,496.1	154,328.8 [5]

Footnotes:

- Balance as of September 30, 1994
- Reimbursements include \$3,000.0 in FFY96 for the Department of Agriculture and \$23,300.0 for the State of Alaska.
- Estimated increase for the 95' Work Plan, plus \$1,500.0 approved for Habitat Acquisition and Support.
- Represents the 1995 Work Plan as approved in August, November, December, January, and March less carry-forward authorization and interest.
- Represents the Restoration Reserve balance at year end(calculated at 7.0% average earnings), plus the FFY2002 Reserve Deposit/Earnings and the Year End Balance.

need to
recalculate
interest

work plan expenses
will actually come out of
trust in Sept of each year