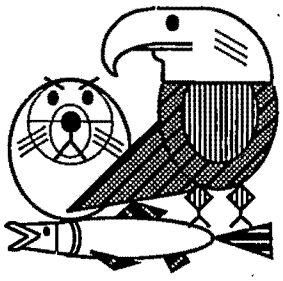
13.08.01 June97 (3 of 3)

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 5, 1997

Stanley Rice
NOAA NMFS Auke Bay Lab
11305 Glacier Highway
Juneau, Alaska 99801

RE: Project 98329/Synthesis of the Toxicological Impacts on Pink Salmon

Dear Jeep:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council fund Project 98329 contingent on (1) approval of a revised Detailed Project Description that includes as an early project milestone the identification of manuscript titles, proposed journals for submission, and development of conceptual outlines, (2) submittal of a reduced estimate of FY 99 costs or additional justification of the $51,800 requested, and (3) submittal of late reports by Bue (FS1) and Seeb (95320D). I have enclosed a copy of my preliminary recommendation on this project, along with a summary of the Chief Scientist's recommendation on the project's technical merits.

Please submit a revised Detailed Project Description, as well as the additional budget information requested, to the Restoration Office, Attn: Sandra Schubert, by **June 25, 1997.** (Please also provide an electronic copy of the DPD. An electronic copy of a revised budget is not needed.)

My preliminary recommendations on all proposals for funding in FY 98 will be incorporated into the Draft Work Plan, which will be distributed for public comment by June 9. The Restoration Office will accept public comments through July 15. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Trustee Council. Trustee Council action on the Work Plan is tentatively scheduled for August 6.

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

Sincerely,

Molly McCammon for
Executive Director

Enclosures

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

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Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY98 Request	FY98 Recom.	FY99 Recom.	FY00 Recom.	Total FY98-02
98329	Synthesis of the Toxicological Impacts on Pink Salmon	S. Rice/NOAA	NOAA	New 1st yr. 2 yr. project	$25.6	$25.6		$0.0	$25.6

Project Abstract

This project will synthesize results of all Trustee Council sponsored studies related to the toxicological damage to pink salmon. Since 1989, seven separate Council-sponsored projects have individually advanced our understanding of the effects of the oil spill on pink salmon: past and present potential for oil exposure (Project /194), effects on egg/embryo survival (Project /191A&B), juvenile feeding and growth (Project R4), marine survival and straying of returning adults (Projects /076 and /209), and the possibility that effects are heritable (Project /228). We will draw on data from these studies to construct synthetic conclusions regarding the injury to and subsequent recovery of pink salmon. The results of contracted studies by Exxon will be compared with the Trustee studies.

Chief Scientist's Recommendation

This project will synthesize the research efforts on pink salmon toxicity, including review of the differences between the conclusions of Exxon and government scientists, providing a valuable contribution to the restoration program. Delivery to the Chief Scientist of draft paper titles, conceptual outlines, and proposed journals for submission should be added as an early project milestone. Fund.

Executive Director's Preliminary Recommendation

Fund contingent on (1) submittal of a revised Detailed Project Description that includes identification of manuscript titles, proposed journals for submission, and development of conceptual outlines as an early project milestone, (2) submittal of late reports (FS1/Bue, 95320D/Seeb, 96196/Seeb), and (3) justification of the budget projection for FY 99. This project, which will synthesize the results of seven separate studies funded by the Trustee Council to examine possible long-term damage to pink salmon populations (R4, /076, /191A, /191B, /194, /209, /228), will provide a valuable contribution to the restoration program. The synthesis will include an evaluation of relevant Exxon-funded results and an attempt to reconcile differences where possible. Products will be publications in peer reviewed journals and a presentation at the 10th Anniversary Symposium.

Exxon Valdez Oil Spill Trustee Council

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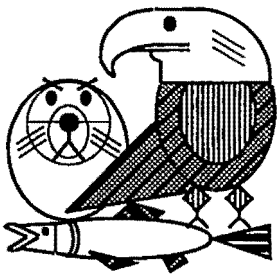

June 5, 1997

Mark Carls
NMFS Auke Bay Laboratory
11305 Glacier Highway
Juneau, Alaska 99801-8626

Re: Project 98328, Synthesis of the Toxicological Impacts of the Exxon Valdez Oil Spill on Pacific Herring

Dear Mr. Carls:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council fund Project 98328 contingent on approval of a reduced budget. I have enclosed a copy of my preliminary recommendation on this project, along with a summary of the Chief Scientist's recommendation on the project's technical merits.

The Restoration Office estimates that the revised budget, including general administration, can be reduced to $30,000 by combining planning meetings with the annual workshop. The revised budget should be prepared on the standard detailed budget forms and submitted to the Restoration Office, Attn: Sandra Schubert, by **June 25, 1997.** (An electronic copy of the revised budget is not needed.) Please notice that my preliminary recommendation contains no estimate for the cost of this project in FY 99 because of the Chief Scientist's observation that the FY 99 request appears excessive and should be reduced. Your revised budget should also include a reduced estimate of FY 99 costs, or further justification of the $68,000 requested.

My preliminary recommendations on all proposals for funding in FY 98 will be incorporated into the Draft Work Plan, which will be distributed for public comment by June 9. The Restoration Office will accept public comments through July 15. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Trustee Council. Trustee Council action on the Work Plan is tentatively scheduled for August 6.

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

Sincerely,

Molly McCammon
Executive Director

Enclosures

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

mm/raw

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY98 Request	FY98 Recom.	FY99 Recom.	FY00 Recom.	Total FY98-02
98328	Synthesis of the Toxicological Impacts of the *Exxon Valdez* Oil Spill on Pacific Herring	M. Carls/NOAA	NOAA	New 1st yr. 2 yr. project	$36.6	$30.0		$0.0	$30.0

Project Abstract

This project will synthesize results of Trustee-sponsored studies related to the toxicological damage to Pacific herring, and compare them to results published by Exxon contractors. State and federal researchers concluded that exposure to oil caused egg mortality, morphological and cytogenetic abnormalities, reduced growth, and immunosuppression in adults, but that the effects on the population level were unknown. These results will be compared to those reached by Exxon contractors, who concluded that the spill had a minor impact on herring eggs, and that the population biomass was not reduced (Pearson et al. 1996). A monograph for publication will be prepared and presented at the 10th Anniversary *Exxon Valdez* Oil Spill Symposium.

Chief Scientist's Recommendation

This project will synthesize the Trustee Council's research efforts on herring toxicity, including review of the differences between the conclusions of Exxon and government scientists, providing a valuable contribution to the restoration program. The proposed FY 99 budget appears excessive and should be reduced. The FY 98 cost could be reduced by conducting the meeting of authors in conjunction with the FY 98 annual meeting. Delivery to the Chief Scientist of draft paper titles, conceptual outlines, and proposed journals for submission should be added as a project milestone after the meeting of authors. Fund.

Executive Director's Preliminary Recommendation

Fund contingent on receipt of a reduced budget. The travel budget for FY 98 should be reduced by combining planning meetings with the annual workshop. The FY 99 estimate ($68,000) appears excessive and should also be reduced. This project will synthesize research on herring toxicity. As recommended by the Chief Scientist, delivery to the Chief Scientist of draft paper titles, conceptual outlines, and proposed journals for submission should be added as a project milestone after the meeting of authors.

Exxon Valdez Oil Spill Trustee Council

Restoration Office
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June 5, 1997

Ronald A. Heintz
NMFS Auke Bay Lab
11305 Glacier Highway
Juneau, Alaska 99801-8626

Re: Project 98347, Fatty Acid Profile and Lipid Class Analysis for Estimating Diet Composition and Quality at Different Trophic Levels

Dear Mr. Heintz:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council fund Project 98347 contingent on approval of a revised Detailed Project Description that responds to the Chief Scientist's request for further development of the statistical model. I have enclosed a copy of my preliminary recommendation on this project, along with the Chief Scientist's recommendation on the project's technical merits.

Please submit a revised Detailed Project Description (including an electronic copy) to the Restoration Office, Attn: Sandra Schubert, by **June 25, 1997.**

My preliminary recommendations on all proposals for funding in FY 98 will be incorporated into the Draft Work Plan, which will be distributed for public comment by June 9. The Restoration Office will accept public comments through July 15. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Trustee Council. Trustee Council action on the Work Plan is tentatively scheduled for August 6.

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

Sincerely,

Molly McCammon for
Executive Director

Enclosure

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

mm/raw

SPREADSHEET B: PRELIMINARY EXECUTIVE DIRECTOR'S RECOMMENDATION/FY 98 DRAFT WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY98 Request	FY98 Recom.	FY99 Recom.	FY00 Recom.	Total FY98-02
98347	Fatty Acid Profile and Lipid Class Analysis for Estimating Diet Composition and Quality at Different Trophic Levels	R. Heintz/NOAA	NOAA	New 1st yr. 3 yr. project	$110.7	$110.7	$92.6	$35.3	$238.6

Project Abstract

This project will begin the systematic development of fatty acid profiles and lipid class analysis to identify diet differences and quality in predators on several trophic levels. The spatial variability of fatty acid profiles in herring and sandlance will be related to their prey, and the nutritional consequences of high and low lipid diets in sea lions will be examined. Results of the fish studies will benefit APEX (Project /163) investigators by demonstrating the utility of fatty acid analysis for establishing dietary and energetic differences between aggregates of forage fish. Results of the sea lion study will address recent hypotheses concerning their declines in population size. Combined, the results of these two studies will provide a basis for future examinations of wild sea lion diets.

Chief Scientist's Recommendation

This proposal is an ambitious attempt to apply a new technique to determine feeding behavior of sea lions in the wild. It is not yet clear how specific the resolution of diet can be using results of fatty acid analysis. Given the complexity of the factors influencing fatty acid content of prey and predators, the statistical model necessary to test the hypotheses proposed is extraordinarily complex and needs further development. The results of this project and current work being conducted by the Trustee Council on harbor seals will provide important data on the feasibility of applying these techniques to quantitative evaluation of diet composition of marine mammals. Fund.

Executive Director's Preliminary Recommendation

Fund contingent on submittal of a revised Detailed Project Description that responds to the Chief Scientist's request for further development of the statistical model. This project will enhance the ability to quantitatively evaluate the diet composition of marine mammals, thus contributing to the Trustee Council's effort to determine the reason for the long-term decline in harbor seals. The work will be performed in part at the Alaska SeaLife Center.

Exxon Valdez Oil Spill Trustee Council
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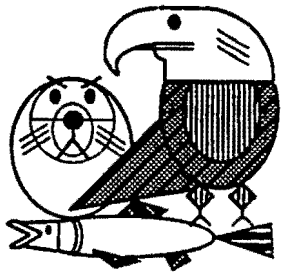

June 5, 1997

David Cameron Duffy, Ph.D.
Alaska Natural Heritage Program
University of Alaska ~ Anchorage
707 A Street
Anchorage, Alaska 99501-3625

Re: Project 98163A-S, APEX: Alaska Predator Ecosystem Experiment in Prince William Sound and the Gulf of Alaska

Dear Dr. Duffy:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council fund all components of Project 98163 except the marbled murrelet work (98163R) contingent on approval of (1) a revised Detailed Project Description that satisfactorily addresses the concerns expressed by the Chief Scientist, (2) a revised budget that reduces overall funding to $1.9 million, including a reduction in 98163C and elimination of funding at this time for 98163R, and (3) the late report for 96163. Regarding the marbled murrelet component (roughly $118,500), I recommend that the Trustee Council defer a decision pending an evaluation of the results of the FY 97 work. I have enclosed a copy of my preliminary recommendation on this project, along with the Chief Scientist's recommendation on the project's technical merits.

You will note that the Chief Scientist's recommendation acknowledges the concern that PIs dependent on hydroacoustic data have not obtained those data in analyzed form in a timely way. I strongly urge you to work with the APEX team to ensure that analyzed hydroacoustic data from 1997 are available to all PIs no later than December 1, 1997. Please advise me if there are problems meeting this deadline.

The revised budget should be prepared on the standard detailed budget forms and submitted, along with a revised Detailed Project Description, to the Restoration Office, Attn: Sandra Schubert, by **June 25, 1997.** (Please provide an electronic copy of the revised DPD. An electronic copy of the revised budget is not needed.)

My preliminary recommendations on all proposals for funding in FY 98 will be incorporated into the Draft Work Plan, which will be distributed for public comment by June 9. The Restoration Office will accept public comments through July 15. Following

a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Trustee Council. Trustee Council action on the Work Plan is tentatively scheduled for August 6.

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

Sincerely,

Molly McCammon for
Executive Director

Enclosure

cc: NOAA Liaison
Dr. Robert Spies, Chief Scientist
Heide Sickles, NOAA

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SPREADSHEET B: PRELIMINARY EXECUTIVE DIRECTOR'S RECOMMENDATION/FY 98 DRAFT WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY98 Request	FY98 Recom.	FY99 Recom.	FY00 Recom.	Total FY98-02
98163	APEX: Alaska Predator Ecosystem Experiment in Prince William Sound and the Gulf of Alaska	D. Duffy/UAA	NOAA	Cont'd 4th yr. 6 yr. project	$2,024.4	$2,018.5	$1,900.0	$900.0	$5,018.5

Project Abstract

This project uses seabirds as probes of the trophic (foraging) environment of Prince William Sound, comparing their reproductive and foraging biologies, including diet, with similar measurements from Cook Inlet, an area with apparently a more suitable food environment. These measurements are compared with hydroacoustic and net samples of fish to calibrate seabird performance with fish distribution and abundance to determine the extent to which food limits the recovery of seabirds from the spill. Fish are sampled in order to compare diet, energetics and reproductive parameters of the different forage-fish species, to determine whether competitive and predatory interactions or different responses to the environment may favor the abundance of one fish species over another. In FY 98, a new sub-project (/163S-BAA) to study jellyfish is included.

Chief Scientist's Recommendation

Overall, APEX is yielding worthwhile and exciting results. However, expected changes in the project are not fully apparent in the FY 98 proposal, and there are some questions regarding the cohesiveness and coordination within this project and in relation to other projects (SEA, Project /320). There is a concern that the modeling component Q appears to be expecting certain field data, such as absolute estimates of fish abundance and energy density, which appear unlikely to be produced given the description of hydroacoustic methods presented here. Regarding specific project components: (A) It is crucial that FY 97 hydroacoustic data on forage fish be analyzed and made available to other APEX PIs in a timely manner in Fall 1997. Timely receipt of these data is essential to faciliate progress on and review of the entire project. (C) No FY 98 funds should be provided for processing fish-stomach samples; (R) A decision on continuation of the murrelet component should be deferred pending review of FY 97 data relating the productivity index to hydroacoustic data on forage fish; (S) I recommend funding the jellyfish component, which is responsive to the FY 98 Invitation and appropriate for inclusion here because it would rely on APEX platforms. The reviewers continue to believe that this work will make an important contribution to ecosystem understanding for the benefit of the entire EVOS program. Overall, I recommend funding APEX at the level of $1.9 million in FY 98.

Executive Director's Preliminary Recommendation

Fund all components except the marbled murrelet component (98163R) contingent on submittal of (1) a revised Detailed Project Description that satisfactorily addresses the concerns expressed by the Chief Scientist, (2) a revised budget that reduces overall funding to $1,900,000, including a reduction in 98163C and elimination of funding at this time for 98163R, and (3) the late report for 96163. Defer a decision on funding the marbled murrelet component ($118,500) pending review, preferably in the fall, of FY 97 data relating the marbled murrelet productivity index to hydroacoustic data on forage fish. This level of funding includes funds for a study of jellyfish, 98163S-BAA, that was specifically encouraged in the Invitation to Submit Restoration Proposals. The APEX project investigates the link between forage fish and seabird productivity. This work may yield results that will benefit the marine ecosystem in Prince William Sound and the northern Gulf of Alaska.

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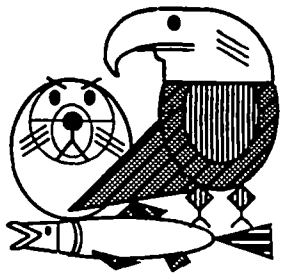

June 5, 1997

Thomas Dean, Ph.D.
Coastal Resources Associates
1185 Park Center Drive, Suite A
Vista, California 92083-8304

RE: Project 98325-BAA/Assessment of Injury to Intertidal and Nearshore Subtidal Communities: Preparation of Manuscripts

Dear Dr. Dean:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council fund Project 98325 contingent on approval of a revised budget that reduces the project's indirect costs. I have enclosed a copy of my preliminary recommendation on this project, along with a summary of the Chief Scientist's recommendation on the project's technical merits.

My budget recommendation is $100,000 including agency general administration, a reduction of $11,400 from your request. As proposed, $45,900 of the budget request is for indirect charges, which run as high as 118 percent for one of the participating firms. A revised budget should be prepared on the standard detailed budget forms and submitted to the Restoration Office, Attn: Sandra Schubert, by **June 25, 1997.** (An electronic copy of the revised budget is not needed.)

My preliminary recommendations on all proposals for funding in FY 98 will be incorporated into the Draft Work Plan, which will be distributed for public comment by June 9. The Restoration Office will accept public comments through July 15. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Trustee Council. Trustee Council action on the Work Plan is tentatively scheduled for August 6.

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

Sincerely,

Molly McCammon for
Executive Director

Enclosures

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

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SPREADSHEET B: PRELIMINARY EXECUTIVE DIRECTOR'S RECOMMENDATION/FY 98 DRAFT WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY98 Request	FY98 Recom.	FY99 Recom.	FY00 Recom.	Total FY98-02
98325-BAA	Assessment of Injury to Intertidal and Nearshore Subtidal Communities: Preparation of Manuscripts	T. Dean/Coastal Resources Associates, Inc.	NOAA	New 1st yr. 3 yr. project	$111.4	$100.0		$0.0	$100.0

Project Abstract

This project will prepare manuscripts for publication in scientific journals based on previous Trustee Council funded evaluations of injury to, and restoration of, coastal habitats (intertidal and subtidal communities).

Chief Scientist's Recommendation

This project will address a major need of the restoration program to compile and publish in the peer reviewed literature the large volume of intertidal research and monitoring results. This project will produce ten papers over two years. There are some questions regarding cost effectiveness that should be reviewed by the administrative staff. Fund.

Executive Director's Preliminary Recommendation

Fund contingent on submittal of a revised budget that reduces the project's indirect costs. This project will prepare six manuscripts for submittal to the peer reviewed literature in FY 98 on results of intertidal studies previously funded by the Trustee Council (projects CH1, /086C, /106, and others). An additional four manuscripts are proposed for preparation in FY 99.

Exxon Valdez Oil Spill Trustee Council
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June 5, 1997

Daniel Pauly, Ph.D.
Fisheries Centre, U of BC
2204 Main Mall
Vancouver, BC V6G 1K4
CANADA

Stuart Pimm, Ph.D.
University of Tennessee
569 Dabney Hall
Knoxville, TN 37996-1610

RE: Project 98330, A Mass-Balance Model of Trophic Fluxes in Prince William Sound

Dear Drs. Pauly and Pimm:

This letter is to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council fund Project 98330 contingent on approval of a reduced budget. I have enclosed a copy of my preliminary recommendation on this project, along with the Chief Scientist's recommendation on the project's technical merits.

On the basis of our budget review, I have recommended that FY 98 funding be approved at the level of $180,000. More than half of the proposed budget is in personnel costs, which both our scientific and administrative reviewers found to be excessive. The part-time secretarial support is an indirect cost that should be covered by the sponsoring institution (UBC Fisheries Centre). The monthly rate ($3,200) for the postdoctoral research assistant at UBC-FC is high (especially when converted to Canadian dollars), and the half-month charges (total of $13,500) for the numerical modeler, ecologist/project manager, and Ecopath Model consultant are perhaps unnecessary. In addition, I am not likely to support the purchase of four laptop computers at a cost of $18,400. Finally, there is a $7,020 line item for "6 U.S. participants at model workshop - Alaskans," which seems high or unnecessary, especially if these people are PIs on current EVOS projects.

Please review your budget and, in particular, the items noted above. It is my hope that a significant reduction in your budget is possible through some combination of these items. Of course, any reduction in direct expenses will have a corresponding reduction in your indirect charges, as well as in the contracting agency's (NOAA) administration charges. Please submit a revised budget not to exceed $180,000, inclusive of general administration, on the standard

detailed budget forms and submit it to the Restoration Office, Attn.: Sandra Schubert, by **June 25, 1997.** Your portion of the budget would be $168,000 and NOAA's portion, calculated at 7 percent of costs, would be $12,000. (An electronic copy of the revised budget is not needed.)

My preliminary recommendations on all proposals for funding in FY 98 will be incorporated into the Draft Work Plan, which will be distributed for public comment by June 9. The Restoration Office will accept public comments through July 15. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Trustee Council. Trustee Council action on the Work Plan is tentatively scheduled for August 6. Assuming that the Trustee Council approves funding for your project in August, funds should actually be available within a few weeks after October 1, the start of the new federal fiscal year.

Notwithstanding the budget issues raised above, I am excited about seeing you undertake this modeling project. Our scientific reviewers have rated it highly and enthusiastically, and initial reactions from our PIs were favorable following the meeting last January. I am concerned that the project get off to a positive and successful start. The Chief Scientist has made me aware that implementation of your proposal raises some sensitive issues, such as the need to use preliminary, unpublished data provided by EVOS PIs. He also has indicated that you both have a great deal of experience in performing this type of work and is confident that you will approach the scientific community here with appropriate sensitivity and respect. I suggest that in advance of the actual start of the project you work with Drs. Robert Spies and Andy Gunther to prepare and circulate a memorandum outlining your process and products. This memorandum, which would serve as an early deliverable for your project, would be circulated to the appropriate PIs and project leaders and should precede or accompany specific requests for data. With careful coordination with Bob, Andy, and Stan Senner, the Trustee Council's science coordinator, I am sure that your important work will start successfully and be carried out smoothly.

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

Sincerely,

Molly McCammon for
Executive Director

Enclosures

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

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Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY98 Request	FY98 Recom.	FY99 Recom.	FY00 Recom.	Total FY98-02
98330-BAA	Mass-Balance Model of Trophic Fluxes in Prince William Sound	D. Pauly/UBC, S. Pimm/U. Tenn	NOAA	New 1st yr. 2 yr. project	$227.1	$180.0		$0.0	$180.0

Project Abstract

This project would construct, validate, and disseminate two models of trophic interactions among the organisms of Prince William Sound, as required to synthesize the vast amount of information gathered before and after the oil spill, and to evaluate its impact at the ecosystem level. Project components are: 1) an initial workshop devoted to model specification by researchers from the Gulf of Alaska region, 2) an extended study by project staff, and 3) a dissemination phase, in year two, consisting of a training workshop for potential users of the software implementing the model, and the production of a CD-ROM for the public domain, incorporating an interactive graphic version of the software, and an extensive database on the biology and local/traditional knowledge on fishes of Prince William Sound.

Chief Scientist's Recommendation

This is a proposal by an internationally-recognized scientific team to apply food-web modeling techniques to (1) help synthesize existing research and monitoring, (2) develop predictive tools that may be used to examine the impacts of large-scale perturbations in the system, and (3) develop public information/education applications. The approaches utilized complement mechanistic models being funded as part of SEA (Project /320), although the food web models have important limitations that must be considered in interpretation of results. The project should be funded, although the costs appear high and administrative staff should carefully examine the budget. Fund.

Executive Director's Preliminary Recommendation

Fund contingent on submittal of a reduced budget. This project is responsive to the Invitation to Submit Restoration Proposals, which invited proposals for development of a model to integrate the results of ecological studies sponsored by the Trustee Council. The project received a strong technical review.

Exxon Valdez Oil Spill Trustee Council
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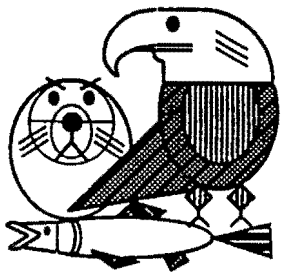

June 5, 1997

Merav Ben-David, Ph.D.
UAA/Institute of Arctic Biology
211 Irving Building
Fairbanks, Alaska 99775

Terry R. Bowyer, Ph.D.
UAF/Institute of Arctic Biology
311 Irving Building
Fairbanks, Alaska 99775

Lawrence Duffy, Ph.D.
UAF/Dept of Chemistry & Biochemistry
POB 756160
Fairbanks, Alaska 99775

RE: Project 98348/Responses of River Otters to Oil Contamination: A Controlled Study of Biological Stress Markers and Foraging Success

Dear Drs. Ben-David, Bowyer and Duffy:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council fund Project 98348 contingent on approval of a revised Detailed Project Description and budget that reduce the project's scope to the laboratory/biomarker component only. I have enclosed a copy of my preliminary recommendation on this project, along with the Chief Scientist's recommendation on the project's technical merits.

Please submit a revised Detailed Project Description and budget to the Restoration Office, Attn: Sandra Schubert, by **June 25, 1997.** (Also submit an electronic copy of the DPD. An electronic copy of the revised budget is not needed.)

My preliminary recommendations on all proposals for funding in FY 98 will be incorporated into the Draft Work Plan, which will be distributed for public comment by June 9. The Restoration Office will accept public comments through July 15. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a

final recommendation to the Trustee Council. Trustee Council action on the Work Plan is tentatively scheduled for August 6.

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

Sincerely,

Molly McCammon for
Executive Director

Enclosures

cc: Claudia Slater, ADF&G Liaison
Dr. Robert Spies, Chief Scientist

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SPREADSHEET B: PRELIMINARY EXECUTIVE DIRECTOR'S RECOMMENDATION/FY 98 DRAFT WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY98 Request	FY98 Recom.	FY99 Recom.	FY00 Recom.	Total FY98-02
98348	Responses of River Otters to Oil Contamination: A Controlled Study of Biological Stress Markers and Foraging Success	M. Ben-David, T. Bowyer, L. Duffy/UAF	ADFG	New 1st yr. 2 yr. project	$236.3	$200.0		$0.0	$200.0

Project Abstract

This project will explore the effects of oil contamination on physiological and behavioral responses in river otters experimentally. Fifteen captive otters will be exposed to two levels of oil contamination under controlled conditions in captivity. Samples of blood, tissues, and feces will be collected for analysis of biomarkers and immunological examinations. In addition, behavioral observations on foraging behavior will be conducted to explore the effects of oil contamination on foraging success.

Chief Scientist's Recommendation

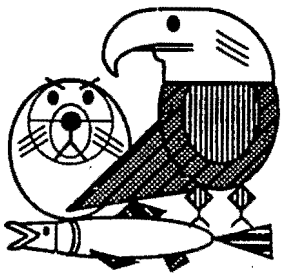
The controlled response to oil (biomarkers) is important work and should yield useful information. This work would be done at the Alaska SeaLife Center. Although the methods proposed for the behavioral aspects of the project are feasible, the reviewers doubt that this component of the project will yield significant insights into river otters in a wild situation. Fund only the biomarker portion of the project.

Executive Director's Preliminary Recommendation

Fund laboratory component of project only, contingent on submittal of a revised Detailed Project Description and budget that reflect this reduction in scope. This project will use facilities at the Alaska SeaLife Center to validate the effects of oil contamination on river otters, thus contributing to our understanding of the injury to and recovery status of this injured species.

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 5, 1997

Mark Willette
CFMD
Alaska Department of Fish & Game
POB 669
Cordova, Alaska 99574-0669

RE: Project 98191A/Field Examination of Oil-Related Embryo Mortalities in Pink Salmon in Prince William Sound

Dear Mark:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council fund Project 98191A contingent on (1) submittal of a revised report on Project 95166 and (2) approval of a reduced budget. I have enclosed a copy of my preliminary recommendation on this project, along with a summary of the Chief Scientist's recommendation on the project's technical merits.

My budget recommendation is $155,000. This reflects the following:

- Page 48 of the *Invitation to Submit Restoration Proposals* states that the Trustee Council will pay for attendance of the PI (and co-PI if appropriate) at one professional conference if attendance is integral to the project. The budget includes six trips to professional conferences.
- Page 48 of the *Invitation* limits funding for page costs to manuscripts that will appear in print in FY 98. The DPD does not indicate publication of any manuscripts in FY 98.
- An error in calculation of the vessel charter cost ($1.2 x 25 days = $30.0).
- Justification is not provided for purchase of a fry pump and outboard motor, purchase of which was also funded in FY 97.

The revised budget should be prepared on the standard detailed budget forms and submitted to the Restoration Office, Attn: Sandra Schubert, by **June 25, 1997.** An electronic copy of the revised budget is not needed.

My preliminary recommendations on all proposals for funding in FY 98 will be incorporated into the Draft Work Plan, which will be distributed for public comment by June 9. The Restoration Office will accept public comments through July 15. Following

a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Trustee Council. Trustee Council action on the Work Plan is tentatively scheduled for August 6.

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

Sincerely,

Molly McCammon for
Executive Director

Enclosures

cc: Claudia Slater, ADF&G Liaison
Dr. Robert Spies, Chief Scientist

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Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY98 Request	FY98 Recom.	FY99 Recom.	FY00 Recom.	Total FY98-02
98191A	Field Examination of Oil-Related Embryo Mortalities in Pink Salmon Populations in PWS	M. Willette/ADFG	ADFG	Cont'd 7th yr. 8 yr. project	$164.2	$155.0	$58.7	$0.0	$213.7

Project Abstract

Elevated embryo mortalities were detected in populations of pink salmon inhabiting oiled streams following the oil spill. These increased rates of mortality persisted annually through the 1993 field season, suggesting that genetic damage may have occurred as a result of exposure to oil during early developmental life-stages. The consequences of this putative genetic damage include physiological dysfunction of individuals and reduced reproductive capacity of populations. The 1994, 1995, and 1996 field results show no statistical difference in embryo mortality between oil-contaminated and reference streams. This project will continue to monitor the recovery of pink salmon embryos in the field. If there is again no difference in embryo mortality between oil-contaminated and reference streams, this project will be closed out in FY 99.

Chief Scientist's Recommendation

This proposal will complete the 4th year of field monitoring and define the recovery of pink salmon embryo mortality. The proposed investigations are on track with previous recommendations made by peer reviewers. Closeout in FY 99 is appropriate, and must include integration of these investigations with laboratory studies of mechanisms for the observed effect.

Executive Director's Preliminary Recommendation

Fund contingent on submittal of late report (95166) and resolution of budget issues. This project represents the major monitoring effort for the ongoing injury to and recovery of pink salmon. Funding in FY 98 will allow two even-year and two odd-year life cycles to be followed. Only closeout funds (final data analysis and report writing) are anticipated in FY 99.

Exxon Valdez Oil Spill Trustee Council
Restoration Office
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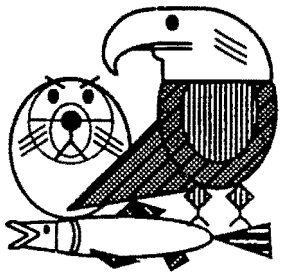

June 5, 1997

Mark Kuwada
Habitat & Restoration
Alaska Department of Fish & Game
333 Raspberry Road
Anchorage, Alaska 99518-1565

Art Weiner, Ph.D.
Alaska Department of Natural Resources
3601 C Street, Suite 980
Anchorage, Alaska 99503

RE: Project 98180, Kenai Habitat Restoration and Recreation Enhancement Project

Dear Mr. Kuwada and Dr. Weiner:

This letter is to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council defer a decision on funding Project 98180 pending review and approval of a revised Detailed Project Description, including a reduced budget, and an evaluation of project results and plans. I have enclosed a copy of my preliminary recommendation on this project, along with the Chief Scientist's recommendation on the project's technical merits.

The primary issue to be addressed in the revised DPD is the lack of detail about (1) project accomplishments and results to date, (2) current efforts (work in progress in FY 97), and (3) plans for FY 98, or FY 98 and FY 99 if the remaining work was to be phased over a two-year period. The Chief Scientist and peer review team felt that the level of detail presented in the DPD, FY 96 report, and FY 97 Environmental Assessment were not sufficient given the scope and cost of the project. There is also a strong sense that the project in FY 98 should not require two full-time staff members supported by the Trustee Council, in addition to the project management funding provided under Project /250. Following submittal of the revised DPD and budget, a meeting to formally review and evaluate the project will be set up, probably during the week of July 7.

The revised DPD and budget should be submitted to the Restoration Office, Attn: Sandra Schubert, by **June 25, 1997.** Please also submit an electronic copy of the revised DPD. An electronic copy of the revised budget is not needed.

My preliminary recommendations on all proposals for funding in FY 98 will be incorporated into the Draft Work Plan, which will be distributed for public comment by June 9. The Restoration Office will accept public comments through July 15. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Trustee Council. The Trustee Council will make decisions on most projects in August, but may not act on all deferred projects until November or December. However, I hope to resolve the issues on Project 98180 in advance of the August meeting (tentatively scheduled for August 6).

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

Sincerely,

Molly McCammon for
Executive Director

Enclosure

cc: Carol Fries, ADNR
Claudia Slater, ADF&G
Dr. Robert Spies, Chief Scientist

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SPREADSHEET B: PRELIMINARY EXECUTIVE DIRECTOR'S RECOMMENDATION/FY 98 DRAFT WORK PLAN.

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY98 Request	FY98 Recom.	FY99 Recom.	FY00 Recom.	Total FY98-02
98180	Kenai Habitat Restoration & Recreation Enhancement	M. Kuwada/ADFG, A. Weiner/ADNR	ADNR	Cont'd 3rd yr. 3 yr. project	$864.4	$500.0	$300.0	$0.0	$800.0

Project Abstract

Adverse impacts to the banks of the Kenai River total approximately 19 miles of the river's 166-mile shoreline, including 5.4 river miles of public land. Riparian habitats have been impacted by trampling, vegetation loss and structural development. The project's objectives are to restore injured fish habitat, protect fish and wildlife habitat, enhance and direct recreation, and preserve the values and biophysical functions that the riparian habitat contributes to the watershed. Restoration/enhancement techniques will include revegetation, streambank restoration, elevated boardwalks, floating docks, access stairs, fencing, signs, and educational interpretive displays.

Chief Scientist's Recommendation

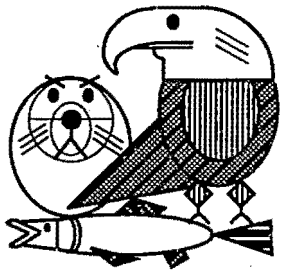
This may be a worthwhile project that provides public demonstration of physical accomplishments by the restoration program and fulfills a key educational role at the same time. Given the scale and expense of the program, however, the proposal provides inadequate detail regarding methods, previous accomplishments, and proposed FY 98 activities. The annual report for this project was similarly lacking in detail. There also is concern about high personnel costs (2 full time positions), given that most of the work is contractual. I recommend deferring a decision on funding pending review of more substantial descriptions of what has been accomplished and what is proposed. In addition, I recommend that the Trustee Council consider spreading any remaining funding over two fiscal years to provide more flexibility in meeting other priorities in FY 98. Fund at a reduced level.

Executive Director's Preliminary Recommendation

Defer decision on funding until (1) a revised Detailed Project Description is submitted that provides more detail regarding proposed FY 98 activities, (2) a reduced budget is submitted, and (3) a formal evaluation of the project's methods and accomplishments is conducted later this summer (1997). Personnel costs (two full-time positions) are high for a project that is done primarily under contract. Phasing of project costs over two years (FY 98 and FY 99) should also be considered. This project is designed to aid restoration of habitat along the Kenai River for the benefit of sockeye salmon and other fish species of commercial and recreational importance.

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 4, 1997

Glenn Juday, Ph.D.
ASES
University of Alaska ~ Fairbanks
POB 757200
Fairbanks, Alaska 99775-7200

Valerie A. Barber
Institute of Marine Science
University of Alaska ~ Fairbanks
POB 757200
Fairbanks, Alaska 99775-7200

Gordon C. Jacoby
Tree-Ring Laboratory
Lamon-Doherty Earth Observatory
Columbia University
Palisades, New York 10964

Roseanne D. D'Arrigo
Tree-Ring Laboratory
Lamont-Doherty Earth Observatory
Columbia University
Palisades, New York 10964

Re: Project 98358, Tree Rings in the Exxon Valdez Spill Area: Ecosystem Implications for Injured Resources

Dear Dr. Juday, Ms. Barber, Mr. Jacoby, and Ms. D'Arrigo:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council not fund Project 98358. I have enclosed a copy of my preliminary recommendation on this project, along with a summary of the Chief Scientist's recommendation on the project's technical merits. As you can see, the Chief Scientist has raised concerns about the scientific design of the project.

My preliminary recommendations on all proposals for funding in FY 98 will be incorporated into the Draft Work Plan, which will be distributed for public comment by June 9. The Restoration Office will accept public comments through July 15. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Trustee Council. Trustee Council action on the Work Plan is tentatively scheduled for August 6.

Thank you for your interest in the *Exxon Valdez* restoration program. I appreciate your proposal and hope your interest in the restoration process will continue. If you have questions about this preliminary recommendation, please call me or Claudia Slater, the ADF&G liaison to the Trustee Council.

Sincerely,

Molly McCammon
Executive Director

Enclosure

cc: Claudia Slater, ADF&G Liaison
Dr. Robert Spies, Chief Scientist

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Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY98 Request	FY98 Recom.	FY99 Recom.	FY00 Recom.	Total FY98-02
98358	Tree-Rings in the Exxon Valdez Spill Area: Ecosystem Implications for Injured Resources	G. Juday, V. Barber/UAF, G. Jacoby, R. D'Arrigo/Columbia University	ADFG	New 1st yr. 2 yr. project	$148.3	$0.0	$0.0	$0.0	$0.0

Project Abstract

A new project is proposed to apply conventional ring-width and unconventional isotope and x-ray density techniques of tree-ring analysis to develop a long-term (at least 250-year) record of the climate of the spill area in relation to some of the key injured resources. Preliminary data indicate that tree-rings correlate well with temperature and Alaska salmon catch. Tree-ring techniques should help determine the likelihood of sustaining a given population of injured resources. This project will help overcome the lack of pre-spill monitoring data. The project is needed because not enough tree-ring sites have been sampled, not all the techniques have been used in the spill area, and correlation of tree-rings with injured resources has not been investigated.

Chief Scientist's Recommendation

Having a 200-year record of marine temperatures is very appealing, but this proposal appears too exploratory in nature without a demonstration of clear relevance to EVOS objectives. In addition, the limited data presented are not compelling in regard to the proposed relationship between tree-ring growth and the marine environment. The proposal would benefit from greater consideration of regional versus stand-level sources of variation. Do not fund.

Executive Director's Preliminary Recommendation

Do not fund. The Chief Scientist has raised significant concerns about the scientific design of this 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 4, 1997

Steve Kendall
United States Fish & Wildlife Service
1011 East Tudor Road
Anchorage, Alaska 99507

David Irons, Ph.D.
United States Fish & Wildlife Service
1011 East Tudor Road
Anchorage, Alaska 99507

Re: Project 98159-CLO, Surveys to Monitor Marine Bird Abundance in Prince William Sound During Winter and Summer: Report and Publication

Dear Mr. Kendall and Dr. Irons:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council fund Project 98159. I have enclosed a copy of my preliminary recommendation on this project, along with a summary of the Chief Scientist's recommendation on the project's technical merits.

My preliminary recommendations on all proposals for funding in FY 98 will be incorporated into the Draft Work Plan, which will be distributed for public comment by June 9. The Restoration Office will accept public comments through July 15. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Trustee Council. Trustee Council action on the Work Plan is tentatively scheduled for August 6.

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

Sincerely,

Molly McCammon
Executive Director

Enclosure

cc: Catherine Berg, DOI-FWS Liaison
Dr. Robert Spies, Chief Scientist

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Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY98 Request	FY98 Recom.	FY99 Recom.	FY00 Recom.	Total FY98-02
98159	Surveys to Monitor Marine Bird Abundance in Prince William Sound during Winter and Summer 1998	S. Kendall and D. Irons/USFWS	DOI	Cont'd 5th yr. 9 yr. project	$237.0	$237.0	$35.0	$230.0	$767.0

Project Abstract

We propose to conduct small boat surveys to monitor abundance of marine birds and sea otters in Prince William Sound during March and July 1998. Five previous surveys have monitored population trends for more than 65 bird and 8 marine mammal species in the sound. Data collected in 1998 will be used to continue to examine trends from summer 1989-98 and from winter 1990-98 by determining whether populations in the oiled zone changed at the same rate as those in the unoiled zone. Overall population trends for the sound from 1989-98 will also be examined. In addition to monitoring the status of injured species, continued monitoring will confirm possible oil spill effects on species not previously considered injured.

Chief Scientist's Recommendation

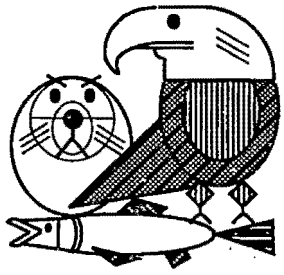
This project is a continuation of the biennial boat survey of marine mammals and birds that produces a critical data set for tracking recovery of injured species in Prince William Sound. This monitoring is going forward at a frequency based upon a statistical power analysis, and is expected in future years to provide conclusive trend analyses for the recovery of injured species. Fund.

Executive Director's Preliminary Recommendation

Fund. The abundance surveys provide basic information on the status and recovery of seabirds and sea otters in Prince William Sound and should be continued on a biennial basis. The FY 98 survey will be the sixth biennial survey conducted since the spill. A statistical analysis indicates that ten surveys need to be completed to enable researchers to confidently detect trends in seabird populations.

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 4, 1997

Merlyn Schelske
United States Forest Service
POB 280
Cordova, Alaska 99574

Re: Project 98302-CLO, Prince William Sound Cutthroat Trout, Dolly Varden Char Inventory

Dear Mr. Schelske:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council fund Project 98302-CLO. I have enclosed a copy of my preliminary recommendation on this project, along with a summary of the Chief Scientist's recommendation on the project's technical merits.

My preliminary recommendations on all proposals for funding in FY 98 will be incorporated into the Draft Work Plan, which will be distributed for public comment by June 9. The Restoration Office will accept public comments through July 15. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Trustee Council. Trustee Council action on the Work Plan is tentatively scheduled for August 6.

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

Sincerely,

Molly McCammon
Executive Director

Enclosure

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

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SPREADSHEET B: PRELIMINARY EXECUTIVE DIRECTOR'S RECOMMENDATION/FY 98 DRAFT WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY98 Request	FY98 Recom.	FY99 Recom.	FY00 Recom.	Total FY98-02
98302-CLO	Prince William Sound Cutthroat Trout, Dolly Varden Char Inventory	M. Schelske/USFS	USFS	Cont'd 2nd yr. 2 yr. project	$4.1	$4.1	$0.0	$0.0	$4.1

Project Abstract

This proposal requests funds for report writing to close out Project /302. So far in FY 97, the main researcher has interviewed local residents and other knowledgeable persons and conducted literature searches to document the locations of cutthroat trout and Dolly Varden char populations. A number of previously undocumented populations have been discovered. Additional work and some field sampling will occur during the remainder of FY 97 to verify unsubstantiated reports.

Chief Scientist's Recommendation

This modest funding request is appropriate to close out this project.

Executive Director's Preliminary Recommendation

Fund closeout (data analysis and report writing) of this project. Local knowledge will be used to determine which streams in Prince William Sound are known to have populations of cutthroat trout and Dolly Varden. The results of this project will be provided to the Alaska Department of Fish and Game for inclusion in the Anadromous Waters Catalog, a document used in the management of these species. The results of this project will also be provided to researchers on Project \145 for use in developing a restoration strategy for these species.

Exxon Valdez Oil Spill Trustee Council

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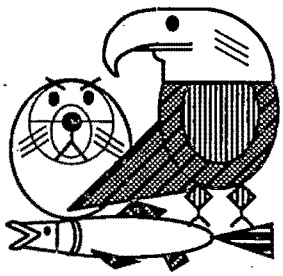

June 4, 1997

David Love
POB 210745
Auke Bay, AK 99821

Re: Project 98357-BAA, Ancient Salmonid Fish Bone and Bivalve Shells: Indicators of Oceanographic Conditions and Stock Abundances

Dear Mr. Love:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council not fund Project 98357-BAA. I have enclosed a copy of my preliminary recommendation on this project, along with a summary of the Chief Scientist's recommendation on the project's technical merits. As you can see, the Chief Scientist has raised significant concerns about the methodology of the project.

My preliminary recommendations on all proposals for funding in FY 98 will be incorporated into the Draft Work Plan, which will be distributed for public comment by June 9. The Restoration Office will accept public comments through July 15. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Trustee Council. Trustee Council action on the Work Plan is tentatively scheduled for August 6.

Thank you for your interest in the *Exxon Valdez* restoration program. I appreciate your proposal and hope your interest in the restoration process will continue. If you have questions about this preliminary recommendation, please call me or Claudia Slater, the ADF&G liaison to the Trustee Council.

Sincerely,

Molly McCammon
Executive Director

Enclosure

cc: Claudia Slater, ADF&G Liaison
Dr. Robert Spies, Chief Scientist
Heide Sickles, NOAA

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SPREADSHEET B: PRELIMINARY EXECUTIVE DIRECTOR'S RECOMMENDATION/FY 98 DRAFT WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY98 Request	FY98 Recom.	FY99 Recom.	FY00 Recom.	Total FY98-02
98357-BAA	Ancient Salmonid Fish Bone and Bivalve Shells: Indicators of Oceanographic Conditions and Stock Abundances	D. Love/U of S. Dakota	NOAA	New 1st yr. 3 yr. project	$78.1	$0.0	$0.0	$0.0	$0.0

Project Abstract

This project will acquire paleoecological data from four archeological midden sites in Prince William Sound. The research plan includes: 1) radiocarbon dating of stratigraphic units from each midden, 2) measuring annual growth increments of intact molluscan shells, 3) stable isotope analyses of molluscan shells to determine seasonal and annual temperature patterns, and 4) reconstruction of fish size and growth rates from preserved fish remains. Results will be used to reconstruct historic climate patterns in Prince William Sound, relate changes in those patterns to changes in fish and molluscan growth, and relate the historical variations in climate and species abundances to changes in growth and abundance of species impacted by the spill.

Chief Scientist's Recommendation

This proposal attempts to recreate historic abundance of marine animals from archaeological remains, but it is uncertain if it can achieve its goals. The methods proposed can assess growth rates in past marine animals, but these data cannot be extrapolated to abundance, and the growth data are not independently valuable for assessing past ecological conditions. In addition, the issue of site contamination is not addressed in the proposal. Do not fund.

Executive Director's Preliminary Recommendation

Do not fund. The Chief Scientist has raised significant concerns about the methodology of this 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 4, 1997

Betty Knight
National Park Service
2525 Gambell Street, Room 107
Anchorage, Alaska 99503

Re: Project 98296, Exhibit-quality Catalogue of Spill-related Archaeological Artifacts

Dear Ms. Knight:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council not fund Project 98296 as part of the annual work plan, but to reconsider the project along with decisions on overall planning for archaeological repositories. I have enclosed a copy of my preliminary recommendation on this project along with a summary of the Chief Scientist's recommendation on the project's technical merits.

I understand that the Restoration Office prepared the first draft of the proposal based on a suggestion you made during the archaeological planning effort in the Chugach region and that you agreed to sponsor the project. The idea of an exhibit-quality catalogue seemed to have potential to educate a broad spectrum of people about the cultural significance of spill-related artifacts and was especially appealing when we considered the prospect of dividing the artifacts among numerous local repositories. However, even though the proposal stresses that the catalogue will interpret the cultural significance of artifacts, the peer reviewers of this proposal expressed strong concerns about the potential harm that could result from any kind of catalogue that emphasizes artifacts. As I mention in my recommendation, I plan to encourage the Trustee Council to consider a reconfigured proposal in the context of other decisions about archaeological repositories. However, there is no immediate need to revise the Detailed Project Description.

My preliminary recommendations on all proposals for funding in FY 98 will be incorporated into the Draft Work Plan, which will be distributed for public comment by June 9. The Restoration Office will accept public comments through July 15. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a

final recommendation to the Trustee Council. Trustee Council action on the Work Plan is tentatively scheduled for August 6.

Thank you for your interest in the *Exxon Valdez* restoration program. I appreciate your proposal and hope your interest in the restoration process will continue. If you have questions about this preliminary recommendation, please call me or Bud Rice, the DOI-NPS liaison to the Trustee Council.

Sincerely,

Molly McCammon
Executive Director

Enclosure

cc: Bud Rice, DOI-NPS Liaison
Dr. Robert Spies, Chief Scientist

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SPREADSHEET B: PRELIMINARY EXECUTIVE DIRECTOR'S RECOMMENDATION/FY 98 DRAFT WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY98 Request	FY98 Recom.	FY99 Recom.	FY00 Recom.	Total FY98-02
98296	Exhibit-quality Catalog of Spill-related Archaeological Artifacts	B. Knight/NPS	DOI	New 1st yr. 1 yr. project	$107.0	$0.0	$0.0	$0.0	$0.0

Project Abstract

This project consists of publication of an exhibit-quality catalog that contains photographs of representative spill-related archaeological artifacts and an interpretation of their significance. Such a publication will give village residents, agencies, scholars, and the general public a sense of the entire spill-related artifact collection and what can be learned from the collection, and will also acknowledge villagers' heritage resources and ties to place.

Chief Scientist's Recommendation

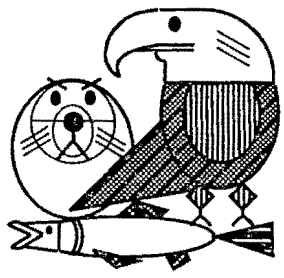
This proposal will not provide the public with valuable archaeological information as it does not appear that cataloged objects will be presented in the context from which they came. Archaeologists consider objects important only in the context found. A catalog reinforces the value of removing objects and may promote vandalism. Do not fund.

Executive Director's Preliminary Recommendation

Do not fund as part of the annual work plan. Consider along with decisions on overall planning for archaeological repositories. Project should be reconfigured from a catalog of artifacts to a readable document that describes both the artifacts and the cultural significance of spill-related archaeological damage assessment and restoration work that has occurred. Usefulness to spill area residents should be emphasized.

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 4, 1997

Michael R. Yarborough
3504 East 67th Avenue
Anchorage, Alaska 99507

Re: Project 98298-BAA, Public Brochure on Archaeology at the Alaska SeaLife Center

Dear Mr. Yarborough:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council not fund Project 98298-BAA as part of the annual work plan, but reconsider the project along with decisions on overall planning for archaeological repositories. I have enclosed a copy of my preliminary recommendation on this project, along with a summary of the Chief Scientist's recommendation on the project's technical merits.

As I think you know, the Restoration Office is currently in the process of exploring with individual communities in the Chugach region their interests in regard to repositories. I expect to make a funding recommendation to the Trustee Council on repositories within the next few months, and will include a recommendation on your proposal to prepare a public brochure at that time.

My preliminary recommendations on all proposals for funding in FY 98 will be incorporated into the Draft Work Plan, which will be distributed for public comment by June 9. The Restoration Office will accept public comments through July 15. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Trustee Council. Trustee Council action on the Work Plan is tentatively scheduled for August 6.

Thank you for your interest in the *Exxon Valdez* restoration program. I appreciate your proposal and hope your interest in the restoration process will continue. If you have

questions about this preliminary recommendation, please call me or Bud Rice, the DOI-NPS liaison to the Trustee Council.

Sincerely,

Molly McCammon
Executive Director

Enclosure

cc: Bud Rice, DOI-NPS Liaison
Dr. Robert Spies, Chief Scientist

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SPREADSHEET B: PRELIMINARY EXECUTIVE DIRECTOR'S RECOMMENDATION/FY 98 DRAFT WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY98 Request	FY98 Recom.	FY99 Recom.	FY00 Recom.	Total FY98-02
98298	Public Brochure on Archaeology at the Alaska SeaLife Center	M. Yarborough	DOI	New 1st yr. 1 yr. project	$6.6	$0.0	$0.0	$0.0	$0.0

Project Abstract

Funding is requested for the publication of a public brochure describing archaeological research undertaken during construction of the Alaska SeaLife Center in Seward. The brochure will contain both historic photographs and maps of the Seward water front, and photographs and drawings from the archaeological investigations. It will focus on research at the Lowell Homestead, the earliest American settlement in Seward. This publication will give the general public a sense of what has been learned from archaeology at the SeaLife Center, and an understanding of the richness and importance of heritage resources in the oil spill area.

Chief Scientist's Recommendation

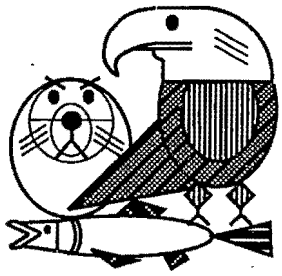
Project is an inexpensive way to communicate to the public some of what has been learned about injured archaeological resources, but it is not clear that the Alaska SeaLife Center is interested in and would use this brochure. An educational brochure could be viewed as an appropriate form of restoration for resources that cannot be restored in any physical sense. However, there should be a policy decision on whether this is an appropriate project for Trustee Council funding.

Executive Director's Preliminary Recommendation

Do not fund as part of the annual work plan. Consider along with decisions on overall funding for archaeological repositories.

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 4, 1997

Stephen M. Murphy
ABR, Inc.
POB 80410
Fairbanks, Alaska 99708-0410

RE: Project 98289/Status of Black Oystercatchers in Prince William Sound

Dear Mr. Murphy:

This letter is to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council defer a decision on funding Project 98289 until a revised Detailed Project Description and reduced budget are submitted and evaluated. I have enclosed a copy of my preliminary recommendation on this project, along with the Chief Scientist's recommendation on the project's technical merits.

Two competing proposals (98289, 98359) were submitted for work on the black oystercatcher. Your proposal was appropriately focused on reassessing the status of this species with reference to the original basis for injury. However, the Chief Scientist would like to see additional detail in regard to your proposed methods. In addition, I would like to know what can be accomplished with a revised year-one budget not to exceed $80,000. In your current Detailed Project Description you indicate a willingness to share vessels with other projects, and I encourage you to consult with appropriate project leaders and PIs to see if this is possible. You may want to speak further with the NVP project leader, Dr. Leslie Holland-Bartels (USGS Biological Resources Division, telephone 786-3312), and contact the APEX project leader, Dr. David Duffy (University of Alaska Anchorage, telephone 257-2702).

If you would like to submit a revised Detailed Project Description and budget that is responsive to the above comments, please do so by **June 25, 1997**. The budget should be prepared on the standard detailed budget forms and submitted, along with the revised DPD, to the Restoration Office, Attn: Sandra Schubert. (Please submit an electronic copy of the revised DPD. An electronic copy of the revised budget is not needed.)

My preliminary recommendations on all proposals for funding in FY 98 will be incorporated into the Draft Work Plan, which will be distributed for public comment by

June 9. The Restoration Office will accept public comments through July 15. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Trustee Council. The Trustee Council will make decisions on most projects on August 6 (date is tentative), but may not act on deferred projects until November or December.

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

Sincerely,

Molly McCammon
Executive Director

Enclosure

cc: Dr. Byron Morris, NOAA-NMFS
Lisa Thomas, USGS-BRD
Dr. Robert Spies, Chief Scientist

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Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY98 Request	FY98 Recom.	FY99 Recom.	FY00 Recom.	Total FY98-02
98289-BAA	Status of Black Oystercatchers in Prince William Sound	S. Murphy/ABR, Inc.	NOAA	New 1st yr. 2 yr. project	$134.9	$80.0		$0.0	$80.0

Project Abstract

Black oystercatchers currently are considered to be "injured with recovery unknown." Because most of the unresolved issues for this species pertain to impacts to the breeding population in Prince William Sound, this study is designed to assess phenology and productivity of the same population of breeding oystercatchers that was studied during 1989 - 1993. Year 1 will entail an examination of the reproductive parameters that were identified by previous researchers as having been negatively impacted by the oil spill and an evaluation of whether these birds have recovered from the previously identified impacts. Data analyses will focus on comparisons of previously oiled sites with unoiled sites and among-year analyses.

Chief Scientist's Recommendation

The recovery status of black oystercatchers is unknown. This project would reassess the status of this species in an initial Year-1 phase and then, if needed, follow up with a more in-depth investigation. The details of the proposed methods are sketchy. Ideally the Trustee Council should support a reassessment of the status of black oystercatchers. I recommend that a decision be deferred on this proposal and 98359, which also addresses black oystercatchers, and that the proposers be invited to submit a revised Detailed Project Description that focuses on a reassessment of the original basis for injury at a cost not to exceed $80,000 (including agency administration costs).

Executive Director's Preliminary Recommendation

Defer decision on funding pending submittal of a revised Detailed Project Description that focuses on a reassessment of the original basis for injury at a cost not to exceed $80,000 (including agency administration costs). The recovery status of black oystercatchers is unknown, and the Invitation to Submit Restoration Proposals invited proposals for additional monitoring of black oystercatchers in FY 98.

Exxon Valdez Oil Spill Trustee Council

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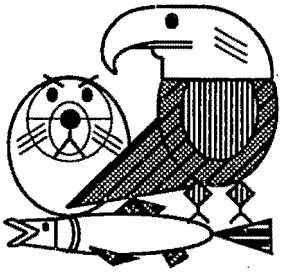

June 4, 1997

Thomas J. Weingartner
UAA Institute of Marine Science
211 Irving Building
Fairbanks, Alaska 99775

RE: Project 98340, Toward Long-Term Oceanographic Monitoring of the Gulf of Alaska Ecosystem

Dear Mr. Weingartner:

This letter is to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council defer a decision on funding Project 98340 pending further exploration of prospects for obtaining additional, supplemental funding. I have enclosed a copy of my preliminary recommendation on this project, along with the Chief Scientist's recommendation on the project's technical merits.

I appreciate the information you have provided about prior support of this project. One of our NOAA staff members has attempted to contact Judy Gray in NOAA's Coastal Oceans Program, but has not yet connected with her. Stan Senner will let you know once we have obtained more information from Ms. Gray.

My preliminary recommendations on all proposals for funding in FY 98 will be incorporated into the Draft Work Plan, which will be distributed for public comment by June 9. The Restoration Office will accept public comments through July 15. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Trustee Council. The Trustee Council will make decisions on most projects on August 6 (date is tentative), but may not act on deferred project s until November or December. In your case, I will try to resolve this issue for an August decision.

Thank you for your continuing interest in the *Exxon Valdez* restoration program. If you have any questions about this preliminary recommendation or the project review

process, please call me or Claudia Slater, the Alaska Department of Fish and Game liaison to the Trustee Council. Ms. Slater will have project management responsibilities for your project.

Sincerely,

Molly McCammon
Executive Director

Enclosure

cc: Claudia Slater, ADF&G Liaison
Dr. Robert Spies, Chief Scientist

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Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY98 Request	FY98 Recom.	FY99 Recom.	FY00 Recom.	Total FY98-02
98340	Toward Long-Term Oceanographic Monitoring of the Gulf of Alaska Ecosystem	T. Weingartner/UAF	ADFG	New 1st yr. 4 yr. project	$85.4	$85.4			$85.4

Project Abstract

The 27-year time series of temperature and salinity data from hydrographic station GAK1 near Seward shows substantial interannual and interdecadal variability that could influence the Gulf of Alaska shelf ecosystem. This program will continue this time series and quantify the interannual and interdecadal variability of this shelf. A related goal is to resolve better the time and vertical structure of this variability at periods ranging from the tidal to the interannual. This information will aid in assessing progress in the recovery and restoration of organisms and services affected by the oil spill, and will aid in designing a long-term, cost-effective ecosystem monitoring program for this shelf.

Chief Scientist's Recommendation

Long-term data sets such as the ocean physics data available at GAK1 are rare and valuable, and physical forcing of marine ecosystems appears vital for understanding variation of biological populations. Although the parameters of an overall long-term monitoring program have yet to be described, and the GAK1 site has no associated biological measurements, it seems extraordinarily likely that maintenance of this long-term data set would be part of an ecosystem monitoring strategy in the spill area. This project should be funded on an interim basis now, but every attempt should be made to obtain cost-sharing contributions from the agencies that have funded this site in the past. I understand that a complementary proposal has been submitted to the GLOBEC program. Trustee Council support of Project 98340 presents an opportunity for tangible cooperation with this international scientific initiative.

Executive Director's Preliminary Recommendation

Defer decision on funding until the opportunity for some degree of support from prior funding sources is explored. This project would continue the existing 27-year time series of conductivity-temperature versus depth (CTD) data collected at hydrographic station GAK1 on the northcentral Gulf of Alaska shelf. In the Chief Scientist's view, it is highly likely that maintenance of this long-term data set would be part of an ecosystem monitoring strategy in the spill area.

Exxon Valdez Oil Spill Trustee Council

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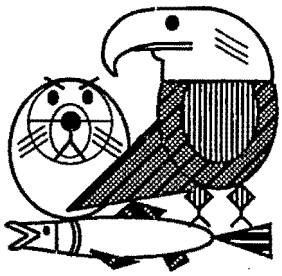

June 4, 1997

Richard B. Lanctot
USGS-BRD
1011 East Tudor Road
Anchorage, Alaska 99503

RE: Project 98359/Status and Evaluation of Factors Limiting Recovery of Black Oystercatchers

Dear Mr. Lanctot:

This letter is to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council defer a decision on funding Project 98359 until a revised Detailed Project Description and reduced budget are submitted and evaluated. I have enclosed a copy of my preliminary recommendation on this project, along with the Chief Scientist's recommendation on the project's technical merits.

Two competing proposals (98289, 98359) were submitted for work on the black oystercatcher. Your proposal was technically strong and nicely tied to the hypotheses being investigated in the Nearshore Vertebrate Predator project (\025). However, I am concerned about making a commitment to a full-scale multi-year oystercatcher project at this time, particularly without first reassessing the status of this species with reference to the original basis of injury. I am interested in a revised Detailed Project Description that is limited to a reassessment of the status of this species. In addition, I would like to know what can be accomplished with a revised year-one budget not to exceed $80,000.

If you would like to submit a revised Detailed Project Description and budget that is responsive to the above comments, please do so by **June 25, 1997**. The budget should be prepared on the standard detailed budget forms and submitted, along with the revised DPD, to the Restoration Office, Attn: Sandra Schubert. (Please submit an electronic copy of the revised DPD. An electronic copy of the revised budget is not needed.)

My preliminary recommendations on all proposals for funding in FY 98 will be incorporated into the Draft Work Plan, which will be distributed for public comment by June 9. The Restoration Office will accept public comments through July 15. Following

a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Trustee Council. The Trustee Council will make decisions on most projects on August 6 (date is tentative), but may not act on deferred projects until November or December.

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

Sincerely,

Molly McCammon
Executive Director

Enclosure

cc: Lisa Thomas, USGS-BRD
Dr. Robert Spies, Chief Scientist

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SPREADSHEET B: PRELIMINARY EXECUTIVE DIRECTOR'S RECOMMENDATION/FY 98 DRAFT WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY98 Request	FY98 Recom.	FY99 Recom.	FY00 Recom.	Total FY98-02
98359	Status and Evaluation of Factors Limiting Recovery of Black Oystercatchers	R. Lanctot/USGS	DOI	New 1st yr. 4 yr. project	$94.8				$0.0

Project Abstract

Black oystercatcher populations were damaged both directly and indirectly by the oil spill and their recovery status is unknown. This proposal presents a plan of action for improved monitoring of the black oystercatcher and an investigation into several factors (e.g., demography, oil, toxicity, food, population substructuring) that may be limiting recovery. The species' unique role as an apex predator in the nearshore environment demands an ecosystem approach to the study that will reveal interactions among predator and prey.

Chief Scientist's Recommendation

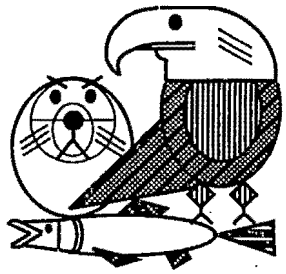
Technically, this is a strong and ambitious proposal that tracks closely the Nearshore Vertebrate Predator hypotheses (Project /025). I have some concern, however, that the principal investigator seems to presume that the black oystercatcher is still injured and that a full-scale multi-year investigation is required. Ideally the Trustee Council should support a reassessment of the status of black oystercatchers. I recommend that a decision be deferred on this proposal and 98289, which also addresses black oystercatchers, and that the proposers be invited to submit a revised Detailed Project Description that focuses on a reassessment of the original basis for injury at a cost not to exceed $80,000 (including agency administration costs).

Executive Director's Preliminary Recommendation

Defer decision on funding pending submittal of a revised Detailed Project Description that focuses on a reassessment of the original basis for injury at a cost not to exceed $80,000 (including agency administration costs). The recovery status of black oystercatchers is unknown, and the Invitation to Submit Restoration Proposals invited proposals for additional monitoring of black oystercatchers in FY 98.

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 4, 1997

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

RE: Project 98327, Pigeon Guillemot Restoration Research at the SeaLife Center

Dear Mr. ~~Roby~~ Don:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council fund Project 98327 contingent on approval of a revised budget with estimates of future costs (FY 1999 & 2000), including report writing (FY 2001). I have enclosed a copy of my preliminary recommendation on this project, along with the Chief Scientist's recommendation on the project's technical merits.

The revised budget should be prepared on the standard detailed budget forms and submitted to the Restoration Office, Attn: Sandra Schubert, by **June 25, 1997.** (An electronic copy of the revised budget is not needed.) Stan Senner is working with the staff of the Alaska SeaLife Center in regard to bench fees for your project. You should continue to omit these fees in your revised budget.

My preliminary recommendations on all proposals for funding in FY 98 will be incorporated into the Draft Work Plan, which will be distributed for public comment by June 9. The Restoration Office will accept public comments through July 15. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Trustee Council. Trustee Council action on the Work Plan is tentatively scheduled for August 6.

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

Sincerely,

Molly McCammon
Executive Director

Enclosures

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

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Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY98 Request	FY98 Recom.	FY99 Recom.	FY00 Recom.	Total FY98-02
98327	Pigeon Guillemot Restoration Research at the Alaska SeaLife Center	D. Roby/Oregon State Univ.	DOI	New 1st yr. 3 yr. project	$119.7	$119.7			$119.7

Project Abstract

This project will test the feasibility of direct restoration techniques for pigeon guillemots (e.g., installation of artificial nest sites, use of social attractants, captive propagation and release). While raising young guillemots in captivity it will also be possible to conduct controlled experiments crucial to two other restoration objectives: (1) development of nondestructive biomarkers of petroleum hydrocarbon contamination, and (2) understanding how dietary factors (prey species composition, prey size, lipid content, feeding frequency) constrain growth, development, and condition at fledging in guillemots.

Chief Scientist's Recommendation

This project has two interconnected objectives: (1) conduct research on the growth and physiology of nesting guillemots in relation to nutrition and oil and (2) test the ability to establish a colony of wild guillemots attracted to artificial nest sites at the Alaska SeaLife Center. Fledglings from the experimental work could eventually return to nest at the SeaLife Center, though it is not certain that enough birds would return to provide a sample size for measurement of survival in relation to the original experimental treatments. This work is closely tied to NVP (Project /025) and APEX (Project /163) hypotheses and has strong possibilities for public education and student involvement. It is assumed that eggs would be taken outside of the spill-impacted region early in the season that would result in double clutching. Fund.

Executive Director's Preliminary Recommendation

Fund contingent on receipt of a revised budget with estimates of future costs. This project will improve our knowledge of how nutrition and oil affect the growth and physiology of guillemots. This information will help us understand the marine and nearshore ecosystems in Prince William Sound and the northern Gulf of Alaska. The work will be performed at the Alaska SeaLife Center.

Exxon Valdez Oil Spill Trustee Council

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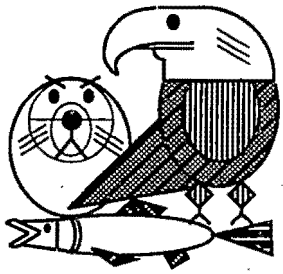

June 4, 1997

Gordon H. Reeves
USFS, Pacific Northwest Research Station
3200 SW Jefferson Way
Corvallis, OR 97331

Re: Project 98145, Cutthroat Trout and Dolly Varden: Relation Among and Within Populations of Anadromous and Resident Forms

Dear Dr. Reeves:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council fund completion of Project 98145 in FY 98 and defer until future fiscal years consideration of funding for additional work. Funding for completion of the original study will be contingent on submittal of a revised Detailed Project Description and budget that reflect this reduced scope. I have enclosed a copy of my preliminary recommendation on this project, along with a summary of the Chief Scientist's recommendation on the project's technical merits.

Please submit a revised Detailed Project Description and a revised budget, reflecting only completion of the original study, to the Restoration Office, Attn: Sandra Schubert, by **June 25, 1997.** The Restoration Office estimates that the revised budget, including general administration, will be $120,700. (Please also submit an electronic copy of the revised Detailed Project Description. An electronic copy of the revised budget is not needed.)

My preliminary recommendations on all proposals for funding in FY 98 will be incorporated into the Draft Work Plan, which will be distributed for public comment by June 9. The Restoration Office will accept public comments through July 15. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Trustee Council. Trustee Council action on the Work Plan is tentatively scheduled for August 6.

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

Sincerely,

Molly McCammon
Executive Director

Enclosure

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

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Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY98 Request	FY98 Recom.	FY99 Recom.	FY00 Recom.	Total FY98-02
98145-CLO	Cutthroat Trout and Dolly Varden: Relation Among and Within Populations of Anadromous and Resident Forms	G. Reeves/USFS, Pacific Northwest Research Station	USFS	Cont'd 3rd yr. 4 yr. project	$222.7	$120.7	$0.0	$0.0	$120.7

Project Abstract

This project will determine the relation between resident and anadromous forms of Dolly Varden and cutthroat trout within the same watershed and between watersheds in Prince William Sound. In FY 98, analysis of genetic, meristic, and life-history features of each group, which were sampled in FY 96 and FY 97, will be concluded. Results from this study will allow development of a longterm, comprehensive and ecologically sound restoration strategy for these fish. Additionally, we are proposing to examine fish that we have collected to compare growth rates of those from oiled areas with those from unoiled areas. This proposed new objective increases the FY 98 cost by $102,700 and the FY 99 cost by $40,000.

Chief Scientist's Recommendation

This is a promising ongoing study, which has not yet delivered substantial results. The proposed new objective has merit in terms of enabling a reevaluation of prior Natural Resource Damage Assessment results on growth differences in unoiled and oiled areas. However, for FY 98 I can recommend funding only the existing program; the new objective is a lower priority for funding at this time.

Executive Director's Preliminary Recommendation

Fund final year of field work, lab work and closeout (data analysis and report writing) for the original study contingent on submittal of a revised Detailed Project Description and budget that reflect this reduced scope. This project defines relationships among stocks and life history forms (e.g., anadromous and resident). The results of this study will be used to develop a restoration strategy for cutthroat trout and Dolly Varden. This study has direct implications for management of sport fisheries in Prince William Sound and nationwide. The US Forest Service is providing significant support for this project. Funding for the additional new objective to evaluate growth may be considered at a later date (FY 99 or beyond).

Exxon Valdez Oil Spill Trustee Council

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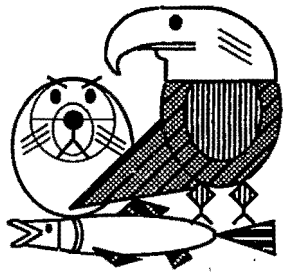

June 4, 1997

Walter Meganack, Jr.
Port Graham Village Council
POB 6689
Port Graham, Alaska 99663

Re: Project 98263, Assessment, Protection and Enhancement of Wildstock Salmon Streams in the Lower Cook Inlet
Project 98363, Ecosystem Analysis at the Watershed Scale on PGC Lands on the Kenai Peninsula

Dear Mr. ~~Meganack~~ Walter:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council defer a decision on funding Project 98263 until the FY 97 work has been conducted and its results have been reviewed. I also recommend that the Council not fund Project 98363 because its methods are vague and several other projects funded by the Council have greater potential to restore subsistence resources. I have enclosed a copy of my preliminary recommendation on these projects, along with the Chief Scientist's recommendation on the projects' technical merits. Please notice that I recommend that if the Council does fund Project 98263, funding should be at the level expected for FY 98 ($135,400, including general administration).

My preliminary recommendations on all proposals for funding in FY 98 will be incorporated into the Draft Work Plan, which will be distributed for public comment by June 9. The Restoration Office will accept public comments through July 15. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Trustee Council. Trustee Council action on all but deferred projects is tentatively scheduled for August 6. Council action on deferred projects is expected sometime in November or December.

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

Sincerely,

Molly McCammon
Executive Director

Enclosure

cc: Claudia Slater, ADF&G Liaison
Dr. Robert Spies, Chief Scientist

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Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY98 Request	FY98 Recom.	FY99 Recom.	FY00 Recom.	Total FY98-02
98263	Assessment, Protection and Enhancement of Salmon Streams in Lower Cook Inlet	W. Meganack, Jr./Port Graham Corporation	ADFG	Cont'd 2nd yr. 3 yr. project	$153.1	$135.4	$12.0	$0.0	$147.4

Project Abstract

This project will replace lost subsistence services resulting from the oil spill by constructing enhancement projects on the major salmon streams in the Lower Cook Inlet spill area. Protection and enhancement will be implemented using instream fisheries habitat improvement techniques, primarily creation of spawning channels, removal of natural barriers to spawning, and construction of wall-based rearing structures. Local subsistence users will be employed as technical assistants during field surveys and construction.

Chief Scientist's Recommendation

This project has been slow to get started in FY 97. Consideration of FY 98 funding should be deferred pending review of results following the FY 97 field work.

Executive Director's Preliminary Recommendation

Defer decision on funding the second year of this project until the FY 97 results have been reviewed. If funded, funding should be at the level expected for FY 98 ($135,400). The goal of this project is to protect and enhance salmon streams important to the restoration of subsistence in the Port Graham area. If successful, this project could serve as a model for protection of public salmon resources in other streams that cross land owned by the Port Graham Corporation.

SPREADSHEET B: PRELIMINARY EXECUTIVE DIRECTOR'S RECOMMENDATION/FY 98 DRAFT WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY98 Request	FY98 Recom.	FY99 Recom.	FY00 Recom.	Total FY98-02
98363	Ecosystem Analysis at the Watershed Scale on Port Graham Corporation Lands on the Kenai Peninsula	W. Meganack/Port Graham Corp.	ADFG	New 1st yr. 3 yr. project	$178.1	$0.0	$0.0	$0.0	$0.0

Project Abstract

This project consists of an ecosystem analysis at the watershed scale for all watersheds on Port Graham Corporation lands from the Ailalik Peninsula near Seward to the Port Graham drainage in Kachemak Bay. The project will characterize all human, aquatic, riparian, and terrestrial features, conditions, processes, and interactions within these watersheds. This analysis will enhance the ability of land managers to estimate direct, indirect, and cumulative effects of corporation management activities and guide the general type, location, and sequence of management activities within each watershed.

Chief Scientist's Recommendation

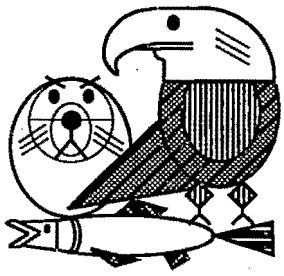
The concept of assessing resources on Port Graham Corporation lands is a good one, but the methods proposed here are vague. Moreover, this work seems the responsibility of the landowner and not the Trustee Council. The qualifications of the consultant who would conduct the project are not discussed. Do not fund.

Executive Director's Preliminary Recommendation

Do not fund. Proposed methods are vague. Other projects funded by the Trustee Council [for example, /225 (pink salmon), /263 (salmon), /244 (harbor seals), and /131 (clams)] have much greater potential to restore subsistence resources than does this proposed study.

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 4, 1997

Karen A. Murphy
USFS Chugach National Forest
3301 C Street, Suite 300
Anchorage, Alaska 99503

Lowell H. Suring
Chugach National Forest
3301 C Street, Suite 300
Anchorage, Alaska 99503

Re: Project 98339, Prince William Sound Human Use and Wildlife Disturbance Model

Dear Ms. Murphy and Mr. Suring:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council fund Project 98339 contingent on approval of (1) a revised Detailed Project Description that further develops the GIS work element and describes the qualifications of the principal investigator and (2) a revised budget that shows greater agency cost sharing to reflect the benefit of this project to agency management responsibilities. I have enclosed a copy of my preliminary recommendation on this project, along with a summary of the Chief Scientist's recommendation on the project's technical merits.

Please submit a revised Detailed Project Description and a revised budget to the Restoration Office, Attn: Sandra Schubert, by **June 25, 1997.** The Restoration Office estimates that the revised budget, including general administration, will be $100,000. (Please also submit an electronic copy of the revised Detailed Project Description. An electronic copy of the revised budget is not needed.)

My preliminary recommendations on all proposals for funding in FY 98 will be incorporated into the Draft Work Plan, which will be distributed for public comment by June 9. The Restoration Office will accept public comments through July 15. Following a review of the public comments, as well as comments from the Trustee Council's

Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Trustee Council. Trustee Council action on the Work Plan is tentatively scheduled for August 6.

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

Sincerely,

Molly McCammon
Executive Director

Enclosure

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

mm/raw

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY98 Request	FY98 Recom.	FY99 Recom.	FY00 Recom.	Total FY98-02
98339	Prince William Sound Human Use and Wildlife Disturbance Model	K. Murphy, L. Suring/USFS	USFS	New 1st yr. 2 yr. project	$144.2	$100.0	$50.0	$0.0	$150.0

Project Abstract

This project will use geographic information system (GIS) techniques to describe current human-use patterns in western Prince William Sound and to model potential changes in those use patterns as a result of additional development (e.g., increased access). GIS-generated maps of present and projected human-use patterns will be incorporated with GIS maps of the distribution of resources injured as a result of the oil spill. This will provide a basis to identify areas where there may be existing and potential conflicts between human use and wildlife concentrations resulting in disturbance. Disturbance of injured wildlife may result in decreased productivity exacerbating the effects of the oil spill and prolonging the time to recover.

Chief Scientist's Recommendation

This project would assess and model impacts on injured resources and services associated with increased human uses in western Prince William Sound. The model would allow projections of future impacts from increased human access and provide a basis for evaluating and possibly changing agency management practices with respect to species injured by the oil spill. This work could be very valuable. I would like to see greater development of the work plan for the GIS work and model as well as more information about the qualifications of the senior principal investigator. If cost in FY 98 is an issue, perhaps more of the Year 1 costs can be shifted to Year 2. Fund at a level reflecting greater cost sharing by the US Forest Service.

Executive Director's Preliminary Recommendation

Fund contingent on (1) a revised Detailed Project Description that further develops the GIS work element and describes the qualifications of the principal investigator and (2) a revised budget that shows greater agency cost sharing to reflect the benefit of this project to agency management responsibilities. This project will develop and test a model for projecting and managing impacts of human use on wildlife in Prince William Sound. The resulting management tool could help protect injured resources and services for many years into the future. Work under this project should be coordinated with other ongoing planning efforts in Prince William Sound, such as that being undertaken by the Alaska Department of Transportation.

Exxon Valdez Oil Spill Trustee Council

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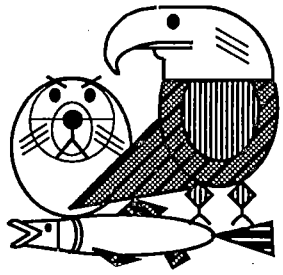

June 4, 1997

Shelton M. Gay III, Msc
Prince William Sound Science Center
POB 705
Cordova, Alaska 99574

Kenric Osgood
Prince William Sound Science Center
POB 705
Cordova, Alaska 99574

Re: Project 98343-BAA, Descriptive Oceanography of Glacial Fjords in Prince William Sound Used as Habitat by Kittlitz's Murrelets

Dear Messrs. Gay and Osgood:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council not fund Project 98343-BAA. I have enclosed a copy of my preliminary recommendation on this project, along with a summary of the Chief Scientist's recommendation on the project's technical merits. As you can see, the Chief Scientist has raised significant concerns about the proposed methodology and recommended that Project \142 be completed before new projects on Kittlitz's murrelets are considered for funding.

My preliminary recommendations on all proposals for funding in FY 98 will be incorporated into the Draft Work Plan, which will be distributed for public comment by June 9. The Restoration Office will accept public comments through July 15. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Trustee Council. Trustee Council action on the Work Plan is tentatively scheduled for August 6.

Thank you for your interest in the *Exxon Valdez* restoration program. I appreciate your proposal and hope your interest in the restoration process will continue. If you have

questions about this preliminary recommendation, please call me or Dr. Byron Morris, the NOAA liaison to the Trustee Council.

Sincerely,

Molly McCammon
Executive Director

Enclosure

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

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Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY98 Request	FY98 Recom.	FY99 Recom.	FY00 Recom.	Total FY98-02
98343-BAA	Descriptive Oceanography of Glacial Fjords in Prince William Sound Used as Habitat by Kittlitz's Murrelets	S. Gay, K. Osgood/PWSSC	NOAA	New 1st yr. 1 yr. project	$165.2	$0.0	$0.0	$0.0	$0.0

Project Abstract

Descriptive oceanographic studies of glaciated fjords in Prince William Sound are limited mainly to research conducted in Port Valdez and Unakwik Inlet during the late 1960s and early 1970s. Recent work done under the Sound Ecosystem Assessment Herring project (/320T) in Unakwik Inlet and Icy Bay has confirmed previously measured patterns and has revealed the unique oceanographic characteristics that these fjords exhibit as habitats for marine fishes, birds, and mammals. The goal of this project is to describe the characteristics of four glaciated fjords used by Kittlitz's murrelets during the summer and to link these characteristics to the high biological productivity seen in these fjords.

Chief Scientist's Recommendation

The principal investigators are well qualified and would address some questions of scientific interest. However, this project would be stronger with inclusion of some important biological elements (e.g., gathering comparative data on marbled murrelets and also data on forage fish) and does not appear to contribute directly to identification of recovery objectives for Kittlitz's murrelet. The Trustee Council is funding Project \142 to obtain basic life history and ecology data on Kittlitz's murrelet with the hope that this information would lead to development of recovery objectives. That work needs to be completed before additional work is considered.

Executive Director's Preliminary Recommendation

Do not fund. The Chief Scientist has expressed significant concerns about the methodology of the proposed study. Furthermore, Project \142 must be completed before the need for additional research on Kittlitz's murrelets can be determined.

Exxon Valdez Oil Spill Trustee Council

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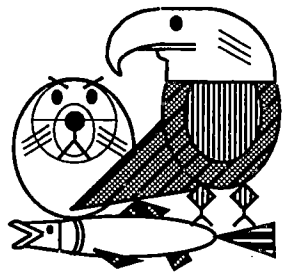

June 4, 1997

Douglas Reger, Ph.D.
Office of History & Archaeology
Alaska Department of Natural Resources
3601 C Street, Suite 1278
Anchorage, Alaska 99503-5921

Re: Project 98007A, Archaeological Index Site Monitoring
Project 98007C, Archaeological Documentation: New Habitat Areas
Project 98149, Archaeological Site Stewardship

Dear Dr. Reger:

I am writing to inform you of my preliminary recommendations on the three proposals you submitted to the *Exxon Valdez* Oil Spill Trustee Council for funding in FY 98. I recommend that the Council fund Project 98007A contingent on approval of (1) a revised Detailed Project Description that addresses the Chief Scientist's recommendations, including the incorporation of visits to sites on newly acquired land, (2) a reduced budget that eliminates the proposed project evaluation and (3) the annual report for 96007A. I further recommend that Project 98007C be combined with Project 98007A and that this expansion of the scope of 98007A be reflected in the revised Detailed Project Description for that project.

With regard to Project 98149, I recommend that the Council fund the project contingent on receipt of the annual report for 96149. I have enclosed a copy of my preliminary recommendations on these projects, along with the Chief Scientist's recommendations on the projects' technical merits.

Please submit a revised Detailed Project Description that combines 98007A and 98007C, eliminates the proposed project evaluation, and addresses the other concerns raised by the Chief Scientist. Also, please submit a revised budget for 98007A that reflects these changes. The Restoration Office estimates that the revised budget, including general administration, will be $140,000. One area of cost saving ($1,900 including general administration) is the contractual line item in the USFS budget. ADNR, the project's lead agency, has requested $1,000 to cover the cost of printing the annual report. No other publications are proposed. The $1,000 for publication and $800 for report processing included in the USFS budget appear to be unnecessary.

The revised budget should be prepared on the standard detailed budget forms and submitted, along with the Detailed Project Description) to the Restoration Office, Attn: Sandra Schubert, by **June 25, 1997.** (Please submit an electronic copy of the revised DPD. An electronic copy of the revised budget is not needed.)

My preliminary recommendations on all proposals for funding in FY 98 will be incorporated into the Draft Work Plan, which will be distributed for public comment by June 9. The Restoration Office will accept public comments through July 15. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Trustee Council. Trustee Council action on the Work Plan is tentatively scheduled for August 6.

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

Sincerely,

Molly McCammon
Executive Director

Enclosures

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

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SPREADSHEET B: PRELIMINARY EXECUTIVE DIRECTOR'S RECOMMENDATION/FY 98 DRAFT WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY98 Request	FY98 Recom.	FY99 Recom.	FY00 Recom.	Total FY98-02
98007A	Archaeological Index Site Monitoring	D. Reger/ADNR	ADNR	Cont'd 4th yr. 8 yr. project	$145.3	$140.0	$151.5		$291.5

Project Abstract

Monitoring of archaeological sites on public land injured by vandalism and oiling will concentrate on a sample of index sites in the three regions of the spill. Oiled sites will be tested for reintroduced oil. This project will end in FY 99 if monitoring shows no continued injury.

Chief Scientist's Recommendation

This is an ongoing project that is continuing to document the rate of degradation (vandalism, erosion, etc.) at archaeological sites in the spill area. The purpose of the radiocarbon dating needs to be substantiated by the investigator. Proposed Project 98007C should be combined with this project. Annual visitation of four of the index sites is probably unnecessary. The proposal should be revised to incorporate visits to a combination of new and existing sites. The budget should be reduced to eliminate the cost of the proposed program evaluation. Fund at level of $140,000.

Executive Director's Preliminary Recommendation

Fund contingent on submittal of (1) a revised Detailed Project Description that addresses the Chief Scientist's recommendations, (2) a reduced budget that eliminates the proposed project evaluation, and (3) the 96007A annual report. This project monitors archaeological sites injured by vandalism and oiling. In FY 98, by combining the 98007C proposal with this project, the sites to be monitored will include some sites on land recently acquired through the Trustee Council's habitat protection program as well as index sites and other sites of concern on public land.

SPREADSHEET B: PRELIMINARY EXECUTIVE DIRECTOR'S RECOMMENDATION/FY 98 DRAFT WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY98 Request	FY98 Recom.	FY99 Recom.	FY00 Recom.	Total FY98-02
98007C	Archaeological Documentation, New Habitat Areas	D. Reger/ADNR	ADNR	New 1st yr. 2 yr. project	$80.0	$0.0	$0.0	$0.0	$0.0

Project Abstract

Habitat acquisition by the Trustee Council has brought into public ownership sites vandalized during EVOS-related activities. These sites, not previously accessible to the site restoration process because they were in private ownership, now will be documented to determine restoration needs. These sites will also be included in the continuing site monitoring program as necessary. Five sites on Kodiak Island, five sites on Shuyak Island, and five sites in Prince William Sound will be examined.

Chief Scientist's Recommendation

This is a proposal to examine the extent of vandalism at archaeological sites that have become available for study due to the EVOS habitat acquisition program. It is unclear why the rate of vandalism at these sites cannot be estimated using the existing index monitoring program. Do not fund as a project separate from 98007A.

Executive Director's Preliminary Recommendation

Combine with Project 98007A.

SPREADSHEET B: PRELIMINARY EXECUTIVE DIRECTOR'S RECOMMENDATION/FY 98 DRAFT WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY98 Request	FY98 Recom.	FY99 Recom.	FY00 Recom.	Total FY98-02
98149	Archaeological Site Stewardship	D. Reger/ADNR	ADNR	Cont'd 3rd yr. 4 yr. project	$66.9	$66.9	$10.0	$0.0	$76.9

Project Abstract

The archaeological site stewardship program provides training and coordination for a cadre of volunteers to monitor vandalized sites in the oil spill area that are beyond the ability of agency monitoring. Volunteer site stewards are protecting damaged sites on the Kenai Peninsula, Kachemak Bay, Uganik Bay, Uyak Bay and the Chignik area of the Alaska Peninsula. Further protection will come from increased local awareness of harm from site vandalism.

Chief Scientist's Recommendation

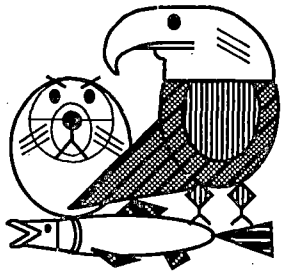
FY 98 would be the final field season for this project. It is essential to continue this pilot effort and have a careful evaluation of what worked and what didn't.

Executive Director's Preliminary Recommendation

Fund contingent on submittal of 96149 report. This is a pilot project that trains and coordinates volunteers to monitor vandalized archaeological sites in the spill area. This effort is currently beyond the ability of normal agency management. After FY 98, expenses will be assumed either by volunteer stewards or agency budgets. The final report for the project, which will be prepared in FY 99, will include a program assessment to help other organizations interested in establishing site stewardship programs elsewhere in the spill area. The report will also include a description of how site stewardship programs in these areas will be continued after EVOS funding terminates.

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 4, 1997

Linda Finn Yarborough
Chugach National Forest
United States Forest Service
3301 C Street, Suite 300
Anchorage, Alaska 99503-3998

Re: Project 98007B, Site Specific Archaeological Restoration
Project 98337, Archaeological Forage Fish

Dear ~~Ms. Yarborough~~ Linda:

I am writing to inform you of my preliminary recommendations on two projects you have submitted to the *Exxon Valdez* Oil Spill Trustee Council for funding in FY 98. I recommend that the Council not fund Project 98007B because support for a second year of manuscript preparation is not a high priority for use of restoration funds. I also recommend that the Council not fund Project 98337 because the Chief Scientist has raised significant concerns about the proposed methodology. I have enclosed a copy of my preliminary recommendations on these projects, along with a summary of the Chief Scientist's recommendations on the projects' technical merits.

My preliminary recommendations on all proposals for funding in FY 98 will be incorporated into the Draft Work Plan, which will be distributed for public comment by June 9. The Restoration Office will accept public comments through July 15. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Trustee Council. Trustee Council action on the Work Plan is tentatively scheduled for August 6.

Thank you for your interest in the *Exxon Valdez* restoration program. I appreciate your proposal and hope your interest in the restoration process will continue. If you have

questions about this preliminary recommendation, please call me or Dr. Dave Gibbons, the USFS liaison to the Trustee Council.

Sincerely,

Molly McCammon
Executive Director

Enclosures

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

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SPREADSHEET B: PRELIMINARY EXECUTIVE DIRECTOR'S RECOMMENDATION/FY 98 DRAFT WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY98 Request	FY98 Recom.	FY99 Recom.	FY00 Recom.	Total FY98-02
98007B	Site Specific Archaeological Restoration	L. Yarborough/USFS	USFS	Cont'd 4th yr. 4 yr. project	$10.3	$0.0	$0.0	$0.0	$0.0

Project Abstract

Funding is requested for an additional phase of the US Forest Service's archaeological restoration at sites SEW-440 and SEW-488. The final report on the restoration project having been completed in FY 97, this phase of the project will present the results of additional analysis to the professional and general public. The principal investigator will prepare a professional paper for publication, and a shortened version for presentation at the Alaska Anthropological Association annual meeting.

Chief Scientist's Recommendation

It is certainly appropriate to follow through and publish the results of prior EVOS work. The Trustee Council previously funded participation in a professional meeting and one publication for this principal investigator. However, both the agency and principal investigator should have an interest in seeing this additional publication appear in print. There is no compelling reason for continued Trustee Council support. Do not fund.

Executive Director's Preliminary Recommendation

Do not fund. In FY 97, the Trustee Council funded preparation of a manuscript about the archaeological restoration efforts at SEW-440 and SEW-488 and presentation of a paper at a professional conference. This project would continue these efforts into FY 99 and does not appear to be a high priority for use of restoration funds.

SPREADSHEET B: PRELIMINARY EXECUTIVE DIRECTOR'S RECOMMENDATION/FY 98 DRAFT WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY98 Request	FY98 Recom.	FY99 Recom.	FY00 Recom.	Total FY98-02
98337	Archaeological Forage Fish	L. Yarborough/USFS	USFS	New 1st yr. 1 yr. project	$143.1	$0.0	$0.0	$0.0	$0.0

Project Abstract

Funding is requested for processing bulk samples from archaeology site SEW-430 on Eleanor Island to separate, identify, and quantify forage fish skeletal remains. Preliminary processing of one such sample from this rock shelter has yielded over 150 well-preserved skeletal elements of sand lance, small greenling and small sculpin. The identification process will include preparing modern comparative skeletal specimens, to reduce the need to travel to other locations to use comparative collections. The project goal is to provide identified, dated skeletal specimens of a variety of forage fish, representing populations from 500 to 4000 years old, to biologists seeking baseline ecological and climatic data for Prince William Sound.

Chief Scientist's Recommendation

The discovery of this archaeological site on Eleanor Island provides a remarkable opportunity to develop a historical estimate of abundance of forage fishes. It does not appear, however, that an unbiased estimate of forage fish abundance could be obtained, and the proposal does not clarify the potential temporal resolution of the archaeological record at the site or describe how the data would be analyzed.

Executive Director's Preliminary Recommendation

Do not fund. The Chief Scientist has expressed significant concerns about the methodology of the proposed study.

Exxon Valdez Oil Spill Trustee Council

Restoration Office
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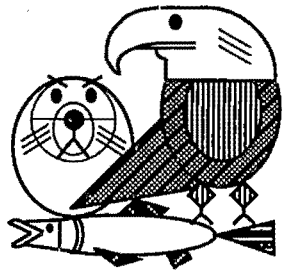

June 4, 1997

Dr. Donald Schell, Professor
University of Alaska, Fairbanks ~ IMS
POB 757220
Fairbanks, Alaska 99775-7220

Re: Project 98170-CLO, Isotope Ratio Studies of Marine Mammals in Prince William Sound
Project 98370, Effects of Harbor Seal Metabolism on Stable Isotope Ratio Tracers

Dear Dr. Schell:

I am writing to inform you of my preliminary recommendations on two proposals you submitted to the *Exxon Valdez* Trustee Council for funding in FY 98. I recommend that the Council fund Project 98170 contingent on approval of a revised budget to reflect slightly reduced travel costs. However, I do not recommend that the Council fund Project 98370. I have enclosed a copy of my preliminary recommendation on both projects, along with a summary of the Chief Scientist's recommendation on the projects' technical merits. As you can see, the Chief Scientist has raised significant concerns about the proposed methodology and restoration benefits of Project 98370.

The Restoration Office estimates that the revised budget for Project 98170, including general administration, will be $108,800. This estimate reflects a slight reduction in the contract with the University of Alaska from the $103,000 request to $101,700 because of the following minor changes in travel costs:

> Travel. The proposal requests funds for two people to attend the biennial meeting of the Society for Marine Mammalogy. The budget instructions (p. 48) allow requests for only the PI and co-PI to attend a professional conference. Because there is only one PI for this project, the line item for travel from Fairbanks to Monaco should be reduced by $2.0.
>
> The travel budget does not include funding for the PI to attend the annual restoration workshop for five days, including SEA and APEX reviews. These are allowable expenses and would increase the travel budget by about $700.

The revised budget should be prepared on the standard detailed budget forms and submitted to the Restoration Office, Attn: Sandra Schubert, by **June 25, 1997.** (An electronic copy of the revised budget is not needed.)

My preliminary recommendations on all proposals for funding in FY 98 will be incorporated into the Draft Work Plan, which will be distributed for public comment by June 9. The Restoration Office will accept public comments through July 15. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Trustee Council. Trustee Council action on the Work Plan is tentatively scheduled for August 6.

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

Sincerely,

Molly McCammon
Executive Director

Enclosures

cc: Claudia Slater, ADF&G Liaison
Dr. Robert Spies, Chief Scientist

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SPREADSHEET B: PRELIMINARY EXECUTIVE DIRECTOR'S RECOMMENDATION/FY 98 DRAFT WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY98 Request	FY98 Recom.	FY99 Recom.	FY00 Recom.	Total FY98-02
98170-CLO	Isotope Ratio Studies of Marine Mammals in Prince William Sound	D. Schell/UAF	ADFG	Cont'd 3rd yr. 3 yr. project	$110.2	$108.8	$0.0	$0.0	$108.8

Project Abstract

This project uses natural stable isotope ratios to assess trophic structure and food webs in Prince William Sound and contributes to the studies by Alaska Department of Fish and Game personnel to determine the reasons for the decline of harbor seal populations. Through a mix of captive animal studies and a comparison of isotope ratios in prey species and archived and current marine mammal tissues, insight into environmental changes causing the decline may be possible. Preliminary data point strongly toward a major decline in the carrying capacity of the northern Pacific Ocean in the past two decades. This decline is evident in the abundance and distribution of marine biota and is reflected in the carbon isotope ratios of marine mammals of the region.

Chief Scientist's Recommendation

This is the final year of a 3-year project examining trophic relationships for marine mammals in Prince William Sound. The principal investigator has performed well, with excellent integration of results into broader ecological questions. I expect to see peer-reviewed publications in the coming year; the results should be interpreted in the context of oceanographic processes and marine mammal physiology.

Executive Director's Preliminary Recommendation

Fund closeout contingent on submittal of a revised budget to reflect slightly reduced travel costs. The proposed project will conclude a three-year study of isotope ratios in harbor seals and their prey. This project provides technical support for Project 98064, which may help explain why harbor seal populations have declined. Project 98170 will also assist the SEA project (/320) by describing the food chains that support important commercial fisheries in Prince William Sound.

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY98 Request	FY98 Recom.	FY99 Recom.	FY00 Recom.	Total FY98-02
98370	Effects of Harbor Seal Metabolism on Stable Isotope Ratio Tracers	D. Schell/UAF	ADFG	New 1st yr. 3 yr. project	$90.3	$0.0	$0.0	$0.0	$0.0

Project Abstract

Specific amino acids from food proteins will be compared in seals and to identify essential amino acids useful as habitat or prey markers. Specific amino acids labeled with 15N and 13C will be used to follow transamination and carbon relocation during metabolic processes in the seals. Year 1 will be used to establish laboratory and animal handling protocols and to analyze the amino acid composition and isotope ratios from prey species and existing marine mammal blood samples obtained from wild-caught seals and seals held at existing facilities. Years 2 and 3 will employ captive harbor seals at the Alaska SeaLife Center and will expand the compounds studied to include fatty acid composition and the isotope ratios in specific fatty acids.

Chief Scientist's Recommendation

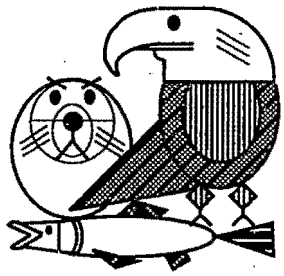
This is an interesting proposal to apply a novel set of new markers for diet determination of harbor seals. However, unlike the fatty acid analyses which have previously been applied in this context, we don't know that this method of using essential amino acids will discriminate among the prey and habitats. Further, the relationship of this project to harbor seal recovery objectives is not entirely clear. The proposer may wish to resubmit the proposal next year with a more fully developed biochemical justification citing the mammalian literature.

Executive Director's Preliminary Recommendation

Do not fund. The Chief Scientist has raised significant concerns about the proposed methodology of this project. Furthermore, it is unclear how the results of this study would contribute to an understanding of factors limiting the recovery of harbor seals.

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 4, 1997

Christopher Habicht
Genetics
Alaska Department of Fish & Game
333 Raspberry Road
Anchorage, Alaska 99518-1565

RE: Project 98196, Genetic Structure of Prince William Sound Pink Salmon

Dear Mr. Habicht:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council defer a decision on funding Project 98196 pending additional discussion on the management applications of the genetics information being generated. I have enclosed a copy of my preliminary recommendation on this project, along with the Chief Scientist's recommendation on the project's technical merits.

As you know, this issue was raised previously, and the intent had been to convene a meeting (or teleconference) with you and the Seebs, peer reviewers, and ADF&G fishery management staff this spring. Unfortunately, the meeting did not materialize, and I have asked Dr. Spies and Stan Senner to work with you to schedule this discussion at the earliest possible date.

My preliminary recommendations on all proposals for funding in FY 98 will be incorporated into the Draft Work Plan, which will be distributed for public comment by June 9. The Restoration Office will accept public comments through July 15. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Trustee Council. The Trustee Council will make decisions on most projects on August 6 (date is tentative), but may not act on deferred projects until November or December. However, the issue to be addressed for Project 98196 is one that we should be able to resolve prior to August. If a decision is made to fund the project, the funding will be contingent on submittal of late reports (95320D, 96196, 96255).

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

Sincerely,

Molly McCammon
Executive Director

Enclosure

cc: Claudia Slater, ADF&G
Dr. Robert Spies, Chief Scientist

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Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY98 Request	FY98 Recom.	FY99 Recom.	FY00 Recom.	Total FY98-02
98196	Genetic Structure of Prince William Sound Pink Salmon	C. Habicht/ADFG	ADFG	Cont'd 5th yr. 6 yr. project	$130.2	$130.2		$0.0	$130.2

Project Abstract

Previous workers found that wild-stock pink salmon suffered direct lethal and sublethal injuries as a result of the oil spill. An understanding of the population structure of pink salmon in Prince William Sound is essential to assess the impact of these injuries on a population basis and to devise and implement management strategies for sustained conservation. Results to date from this study suggest gene flow between pink salmon spawning aggregates can be restricted both spatially (regional and upstream-tidal) and temporally (early-late) within the sound. This proposal covers the final year of laboratory analysis and the statistical analysis of year-three allozyme and mtDNA data.

Chief Scientist's Recommendation

The concern expressed in FY 97 about whether this research will lead to actual management changes (e.g., habitat conservation, allocation decisions) continues. Although the scientific aspects of this work are satisfactory, the Detailed Project Description lacks a synopsis of progress to date, which should be substantial at this point. The questions about whether this project is supplying information for real management needs must be resolved, and funding should therefore be deferred pending the outcome of an additional evaluation this summer (1997).

Executive Director's Preliminary Recommendation

Defer decision until a meeting of the science reviewers, the principal investigators, and Alaska Department of Fish and Game fishery managers is held later this summer (1997) to address the Chief Scientist's concerns. If funded, funding will be contingent on submittal of late reports (95320D, 96196, 96255). This project is designed to determine the geographic extent of genetic differences in Prince William Sound pink salmon. Knowledge of the location of pink salmon stocks and genetic differences among the stocks in Prince William Sound could help refine pink salmon management areas and goals, aiding in the recovery of wild stocks.

Exxon Valdez Oil Spill Trustee Council

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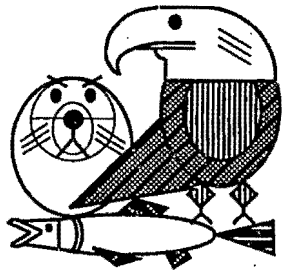


June 4, 1997

Dr. John F. Piatt
USGS Alaska Science Center
1011 E Tudor Road
Anchorage, Alaska 99503

Re: Project 98306, Ecology and Demographics of Pacific Sand Lance in Lower Cook Inlet
Project 98338, Survival of Adult Murres and Kittiwakes in Relation to Forage Fish Abundance
Project 98364, Effects of Food Stress on Survival and Reproductive Performance of Seabirds

Dear Dr. Piatt:

I am writing to inform you of my preliminary recommendation on three projects that you submitted to the *Exxon Valdez* Oil Spill Trustee Council for funding in FY 98. I recommend that the Council fund Project 98306 contingent on receipt of the report due on 96163D, L and M (integrated into an annual report for the APEX project). With regard to Project 98338, I recommend that the Council defer a decision on funding until the pilot study of subcutaneous radio tags is completed and evaluated. I do not recommend that the Council fund Project 98364 because of technical concerns raised by the Chief Scientist. I have enclosed a copy of my preliminary recommendations on these projects, along with the Chief Scientist's recommendations on the projects' technical merits.

My preliminary recommendations on all proposals for funding in FY 98 will be incorporated into the Draft Work Plan, which will be distributed for public comment by June 9. The Restoration Office will accept public comments through July 15. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Trustee Council. Trustee Council action on all but deferred projects is tentatively scheduled for August 6. Council action on deferred projects is expected sometime in November or December.

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

Sincerely,

Molly McCammon
Executive Director

Enclosures

cc: Lisa Thomas, DOI-BRD Liaison
Dr. Robert Spies, Chief Scientist

mm/raw

SPREADSHEET B: PRELIMINARY EXECUTIVE DIRECTOR'S RECOMMENDATION/FY 98 DRAFT WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY98 Request	FY98 Recom.	FY99 Recom.	FY00 Recom.	Total FY98-02
98306	Ecology and Demographics of Pacific Sand Lance in Lower Cook Inlet	J. Piatt/USGS	DOI	Cont'd 2nd yr. 4 yr. project	$32.8	$32.8	$30.0	$20.0	$82.8

Project Abstract

The purpose of this project is to characterize the basic ecology, distribution, and demographics of sand lance in lower Cook Inlet. Recent declines of upper trophic level species in the Northern Gulf of Alaska have been linked to decreasing availability of forage fishes. Sand lance is the most important forage fish in most nearshore areas of the northern Gulf. Despite its importance to commercial fish, seabirds, and marine mammals, little is known or published on the basic biology of this key prey species.

Chief Scientist's Recommendation

The sand lance is a poorly understood species which is a key prey for marine birds and marine mammals. Having more basic knowledge about its life history and ecology is essential to interpreting the prospects for recovery of several injured species. This work involves a quality graduate student and is rather inexpensive. The work is well coordinated with APEX and is highly commended by the reviewers.

Executive Director's Preliminary Recommendation

Fund contingent on receipt of the report due on 96163D, L and M (integrated into an annual report for the APEX project). This project would study sand lance, an important forage fish in the Gulf of Alaska. Sand lance populations have been in decline in recent years and should be studied in order to understand marine ecosystems as they may affect injured seabirds and marine mammals.

SPREADSHEET B: PRELIMINARY EXECUTIVE DIRECTOR'S RECOMMENDATION/FY 98 DRAFT WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY98 Request	FY98 Recom.	FY99 Recom.	FY00 Recom.	Total FY98-02
98338	Survival of Adult Murres and Kittiwakes in Relation to Forage Fish Abundance	J. Piatt/USGS	DOI	New 1st yr. 3 yr. project	$76.1	$76.1	$124.0	$45.0	$245.1

Project Abstract

Some seabird populations damaged by the spill continue to decline or are not recovering. In order to understand the ultimate cause of seabird population fluctuations, productivity, recruitment, and adult survival must be measured. Current APEX (Project /163)studies are focused on measuring productivity only. Recruitment measurement demands an unrealistic study duration. This project will augment current studies in lower Cook Inlet that relate breeding success and foraging effort to fluctuations in forage fish density by using radio telemetry (contingent on pilot work) and banding to quantify the survival of adult common murres and black-legged kittiwakes.

Chief Scientist's Recommendation

This proposal responds to previous APEX (Project /163) critiques regarding the importance of obtaining data on adult seabird survival to understand population-level effects of food availability. Overwinter survival could be the result of factors during the winter or at the end of the breeding season, such as poorer body condition. To a degree, these differences can be controlled for by stratifying comparisons within colonies and obtaining large sample sizes. This study was highly rated by the reviewers. I recommend deferring a decision on FY 98 funds contingent upon (1) the demonstrated success of the FY 97 pilot study of subcutaneous radio tags which is being carried out with non-EVOS funds and (2) an analysis of the additional cost of doubling the number of radio-tagged murres per colony in Year 1 of the project.

Executive Director's Preliminary Recommendation

Defer decision on funding until completion of the pilot study of subcutaneous radio tags. This project would explore adult overwinter survival as one mechanism by which forage fish availability may be affecting the recovery of seabirds.

SPREADSHEET B: PRELIMINARY EXECUTIVE DIRECTOR'S RECOMMENDATION/FY 98 DRAFT WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY98 Request	FY98 Recom.	FY99 Recom.	FY00 Recom.	Total FY98-02
98364	Effects of Food Stress on Survival and Reproductive Performance of Seabirds	J. Piatt/USGS	DOI	New 1st yr. 4 yr. project	$90.1	$0.0	$0.0	$0.0	$0.0

Project Abstract

Traditional field methods of assessing effects of food stress on the survival and reproductive performance of seabirds may give equivocal results. This project will apply an additional tool -- the rise in blood levels of stress hormones such as corticosterone in response to a standardized stressor: capture, handling and restraint. This well known response provides a strong assessment of whether or not a free-living population is chronically stressed. Thus the "field endocrinology" approach provides additional information of current stress status and the potential for stress. We will investigate seabirds breeding in Lower Cook Inlet and also use captive birds for controlled experiments at the Alaska SeaLife Center.

Chief Scientist's Recommendation

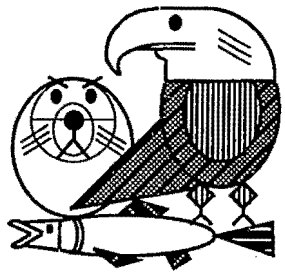
This is a creative, sophisticated study that proposes to use corticosterone (a hormone) levels in seabirds as indicators of food stress and, ultimately, as proxies of survival in adult birds. This experimental approach could contribute to interpretation and testing of APEX hypotheses. There is concern, however, that corticosterone can be induced in response to various stressors (i.e., it is nonspecific). In addition, this work relies on a small pilot effort in FY 96, which, though promising, was only a single season and has not been reviewed or published. Therefore, this approach has considerable risk of not succeeding. I would prefer to see more validation of the technique before considering a favorable recommendation to the Trustee Council. Do not fund.

Executive Director's Preliminary Recommendation

Do not fund. The Chief Scientist has raised significant concerns about the scientific design of this project and the limited pilot effort that tested the experimental technique to be used in this study.

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 4, 1997

David G. Roseneau
Alaska Maritime National Wildlife Refuge
2355 Kachemak Drive, Suite 101
Homer, Alaska 99603-8021

Re: Project 98144, Common Murre Population Monitoring

Dear Dave:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council fund Project 98144 contingent on approval of a revised budget reflecting the combination of projects 98144A and 98144B, as well as slightly reduced personnel and travel costs. I have enclosed a copy of my preliminary recommendation on this project, along with a summary of the Chief Scientist's recommendation on the project's technical merits.

The Restoration Office estimates that the revised budget, including general administration, will be $57,400. This estimate reflects the following changes in the budget submitted with the proposal:

Travel. The proposal requests funds for two people to attend the annual workshop. The budget instructions (p. 47) allow requests for only the PI and co-PI to attend the workshop. Because there is only one PI for this project, the travel line item should be reduced by $900.

Personnel. In addition to funding for 1.5 months of the PI's salary to prepare a manuscript, the proposal requests $3,800 for a technician to produce figures and tables. The budget instructions (p. 48) state that the Trustee Council will contribute a maximum of 1.5 months of personnel time toward publication of study results. Consequently, the personnel line item should be reduced by $3,800 ($4,400 including general administration).

In a related budget issue, if Projects 98163J and 98163K are funded in addition to Project 98144, the combined budget requests will cover 13.5 months of your time. I have recommended that all three projects be funded and therefore

request that personnel costs in one of these project budgets be reduced by $5,200 (1.5 months of your time, including general administration).

The revised budget for Project 98144 should be prepared on the standard detailed budget forms and submitted to the Restoration Office, Attn: Sandra Schubert, by **June 25, 1997.** (An electronic copy of the revised budget is not needed.)

My preliminary recommendations on all proposals for funding in FY 98 will be incorporated into the Draft Work Plan, which will be distributed for public comment by June 9. The Restoration Office will accept public comments through July 15. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Trustee Council. Trustee Council action on the Work Plan is tentatively scheduled for August 6.

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

Sincerely,

Molly McCammon
Executive Director

Enclosures

cc: Catherine Berg, DOI-F&WS
Dr. Robert Spies, Chief Scientist

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SPREADSHEET B: PRELIMINARY EXECUTIVE DIRECTOR'S RECOMMENDATION/FY 98 DRAFT WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY98 Request	FY98 Recom.	FY99 Recom.	FY00 Recom.	Total FY98-02
98144A	Common Murre Population Monitoring	D. Roseneau/USFWS	DOI	Cont'd 3rd yr. 5 yr. project	$50.5	$57.4	$23.0	$0.0	$80.4

Project Abstract

This project will collect common murre population data at the Chiswell Islands nesting colonies, which have not been censused since 1992. Data will be statistically compared with counts made at these colonies during the 1989-1991 common murre damage assessment studies and counts obtained during the 1992 common murre restoration monitoring project. Results of the analyses (e.g., differences among years, presence/absence of trends) will be used in combination with 1989-1997 Barren Islands information to evaluate and refine the overall recovery status of the common murre.

Chief Scientist's Recommendation

The recovery of murres from EVOS injury appears to be underway, but a reevaluation of their recovery status requires obtaining some population data from colonies other than the Barren Islands. The Chiswell Islands are accessible from Seward and there are data from visits during 1989-92 as well as pre-spill. I recommend funding this field work in FY 98 with close-out funds only in FY 99. The PIs are very experienced and have performed well to date. Fund.

Executive Director's Preliminary Recommendation

Fund contingent on submittal of a revised budget reflecting the combination of Project 98144B with this project, as well as slightly reduced personnel and travel costs. In FY 98, common murres will be monitored on the Chiswell Islands. In conjunction with censuses of common murre populations at the Barren Islands, the data from the Chiswell Islands should help reassess and refine the recovery status of common murres. Also in FY 98, the principal investigator will prepare a manuscript for publication in a peer-reviewed journal. The project will be closed out in FY 99.

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY98 Request	FY98 Recom.	FY99 Recom.	FY00 Recom.	Total FY98-02
98144B	Common Murre Population Monitoring: Manuscript Preparation	D. Roseneau/USFWS	DOI	New 1st yr. 2 yr. project	$12.2	$0.0	$0.0	$0.0	$0.0

Project Abstract

This project consists of preparation of a scientific publication on the 1989-1997 postspill trends in murre population numbers, nesting chronology, and productivity at the Barren Islands colonies (the nesting location with the most complete data history in the spill area).

Chief Scientist's Recommendation

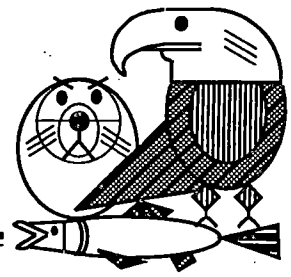
Thousands of common murres died in the spill, and the Trustee Council has focused considerable effort on this species. It is timely to reassess its status, taking into account all of the Council's work as well as work sponsored by Exxon and others. These studies should be integrated, interpreted, and published in a first-line journal. Fund, but combine with 98144A.

Executive Director's Preliminary Recommendation

Combine with Project 98144A.

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 4, 1997

Evelyn Brown
University of Alaska, Fairbanks - IMS
POB 85344
Fairbanks, Alaska 99708-3444

Brenda Norcross, Ph.D.
University of Alaska, Fairbanks - IMS
200 O'Neill Building
Fairbanks, Alaska 99775-7220

Re: Project 98310, Distribution and Turnover in Juvenile Herring Populations

Dear ~~Ms. Brown~~ Evelyn and ~~Dr. Norcross~~ Brenda:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council not fund Project 98310. I have enclosed a copy of my preliminary recommendation on this project, along with a summary of the Chief Scientist's recommendation on the project's technical merits. As you can see, the Chief Scientist has raised significant concerns about the scientific design of this project.

My preliminary recommendations on all proposals for funding in FY 98 will be incorporated into the Draft Work Plan, which will be distributed for public comment by June 9. The Restoration Office will accept public comments through July 15. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Trustee Council. Trustee Council action on the Work Plan is tentatively scheduled for August 6.

Thank you for your interest in the *Exxon Valdez* restoration program. I appreciate your proposal and hope your interest in the restoration process will continue. If you have

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

Sincerely,

Molly McCammon
Executive Director

Enclosure

cc: Claudia Slater, ADF&G Liaison
Dr. Robert Spies, Chief Scientist

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Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY98 Request	FY98 Recom.	FY99 Recom.	FY00 Recom.	Total FY98-02
98310	Distribution and Turnover in Juvenile Herring Populations	E. Brown, B. Norcross/UAF	ADFG	New 1st yr. 3 yr. project	$151.8	$0.0	$0.0	$0.0	$0.0

Project Abstract

Estimates of Pacific herring survival and population size are confounded by fish movement and migration. Results from this project will refine current EVOS research and the Prince William Sound stock definition. In FY 98, a pilot study using herring collected in 1995-1997 by SEA (Project /320T) will be completed. Samples will be processed for size, fatty acid composition, and isotopes. Otoliths will be extracted for pattern and chemical analysis. These results, when combined with appropriate distribution and habitat data, will be interpreted as tracers if distinctive for each area. In the future, seasonal investigations, including tagging, will be done within a defined nursery region of Prince William Sound in order to properly interpret tracer results.

Chief Scientist's Recommendation

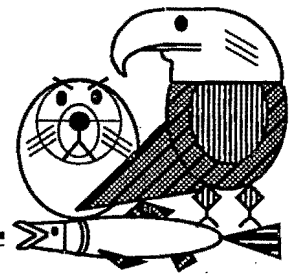
This project addresses an important issue relative to understanding year-class strength of herring in Prince William Sound, but the scientific design is lacking. Sample sizes for some endpoints appear too low to detect differences. For others it is likely that differences will be found between sites, but it is unclear how these differences will be interpreted to provide useful information (e.g., temporal and spatial variability will be confounded). There is also inadequate integration of other information, such as physical differences between sites and data from projects 98320U (herring energetics) and 98165 (genetics), that should be used to refine hypotheses. Do not fund.

Executive Director's Preliminary Recommendation

Do not fund. The Chief Scientist has raised significant concerns about the scientific design of this 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 4, 1997

Leslie Holland-Bartels, Ph.D.
USGS-BRD
1011 East Tudor Road
Anchorage, Alaska 99503-6119

RE: Project 98025/Mechanisms of Impact and Potential Recovery of Nearshore Vertebrate Predators (NVP)

Dear ~~Dr. Bartels:~~ Leslie

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council fund Project 98025, with the exception of the sea otter manuscripts, contingent on addressing the budget items noted below. I recommend that the sea otter manuscript request be reconsidered once the manuscripts funded in FY 97 are submitted for publication. (As you know, the FY 97 funds have not yet been authorized because the MM6 reports are still not finalized.) I have enclosed a copy of my preliminary recommendation on Project 98025, along with the Chief Scientist's recommendation on the project's technical merits.

The level of funding included in my preliminary recommendation for Project 98025 is $1,679,300. This consists of the $1,669,400 in "expected" costs plus $9,900 for new TEK activities. However, the staff review of the budget identified other possible reductions that I would ask you to consider.

- Funds ($30,000) were recently transferred into the FY 97 river otter component for aerial surveys. It is my understanding that funds are also included in your FY 98 submittal for this purpose.
- The UAF/Bowyer contract request includes funding for two PIs and three students to attend professional meetings. Page 48 of the *Invitation to Submit Restoration Proposals* indicates that Trustee Council funding will be limited to attendance at one professional conference for each PI (and co-PI, if appropriate). In addition, this contract request includes $4,000 for page costs. Page 48 of the *Invitation* also indicates that the Council will contribute a maximum of $1,000 in page costs per project.
- The UW contract includes $2,500 for page costs. Again, page 48 of the *Invitation* indicates that the Council will contribute a maximum of $1,000 in page

costs per project.

- In addition, budget detail for the Coastal Resources Associates subcontract ($155,000) was not included in your budget submittal.

A revised budget reflecting your response to the above items should be prepared on the standard detailed budget forms and submitted to the Restoration Office, Attn: Sandra Schubert, by **June 25, 1997.** (An electronic copy of the revised budget is not needed.)

My preliminary recommendations on all proposals for funding in FY 98 will be incorporated into the Draft Work Plan, which will be distributed for public comment by June 9. The Restoration Office will accept public comments through July 15. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Trustee Council. Trustee Council action on the Work Plan is tentatively scheduled for August 6.

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

Sincerely,

Molly McCammon
Executive Director

Enclosures

cc: Lisa Thomas, DOI/USGS Liaison
Dr. Robert Spies, Chief Scientist

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Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY98 Request	FY98 Recom.	FY99 Recom.	FY00 Recom.	Total FY98-02
98025	Mechanisms of Impact and Potential Recovery of Nearshore Vertebrate Predators (NVP)	L. Holland-Bartels, et al/USGS	DOI	Cont'd 4th yr. 5 yr. project	$1,689.2	$1,679.3	$450.0	$0.0	$2,129.3

Project Abstract

The Nearshore Vertebrate Predator project (NVP) makes an integrated assessment of trophic, health, and demographic factors across a suite of apex predators injured by the spill to determine mechanisms constraining recovery and to improve knowledge of the status of recovery. Primary hypotheses are: 1) Recovery of nearshore resources injured by EVOS is limited by recruitment processes; 2) Initial and/or residual oil in benthic habitats and in or on benthic prey organisms has had a limiting effect on the recovery of benthic foraging predators; and 3) EVOS-induced changes in populations of benthic prey species have influenced the recovery of benthic foraging predators.

Chief Scientist's Recommendation

The FY 98 proposal covers the last field season, with FY 99 as the closeout year. This project was favorably reviewed in February 1997. This is a well-managed program that is reaching its objectives. Fund.

Executive Director's Preliminary Recommendation

Fund all components except sea otter manuscripts, contingent on resolution of budget questions. Funding for additional sea otter manuscripts may be reconsidered if the sea otter manuscript funded in FY 97 is completed and submitted for publication. In general, the nearshore ecosystem, including intertidal habitat and organisms, was the area hardest hit by the oil spill. This project monitors recovery of intertidal organisms and closely linked vertebrate predators (harlequin ducks, pigeon guillemots, river otters, and sea otters) and addresses the question of whether continuing contamination is slowing recovery of vertebrate predators. FY 98 will be the final year of field work for this project, with only data analysis and final report writing funded in FY 99.

June 3, 1997

Alaska Handicrafts
4606 Homer Spit Road
Homer, AK 99603

Dear Alaska Handicrafts:

Thank you for your recent expression of support, as indicated through a petition submitted by the City of Homer, regarding efforts to protect lands on the Homer Spit and in the Beluga Slough area under the *Exxon Valdez* Oil Spill Trustee Council small parcel habitat protection program.

As you may be aware, hundreds of small parcels have been nominated for the Council's consideration since the program was created in 1994. Under the program, each parcel is evaluated from the perspective of how acquiring these lands would benefit the recovery and restoration of the biological resources and human services injured by the oil spill. Approximately 15 percent of nominated parcels have been identified by the Council as being a priority for purchase and protection.

The City of Homer and the Trust for Public Lands (a non-profit organization working for the city) recently made a presentation to the Council regarding the Homer Spit and Beluga Slough parcels. After that presentation, the Trustee Council took action to recognize the Spit and Beluga Slough nominations as Parcels Meriting Special Consideration. It should be noted that this action does not represent a commitment to purchase the lands, but will allow the nominations to progress to the next step in the process which is a determination of the appraised fair market value for the nominations.

Please know that the Council members are very interested in public comment on restoration activities and your expression of support is appreciated.

Sincerely,

Molly McCammon
Executive Director

Alaska Handicrafts
4606 Homer Spit Road
Homer, AK 99603
907-[redacted]-0712

907-

C.E. Abeldquad
P.O. Box 891
Homer, AK 99603
907-

Carol Aderhold
350 Grubstake Avenue
Homer, AK 99603
907-

Sharon Alleil
P.O. Box 935
Girdwood, AK 99587
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Homer Spit / Beluga Slough Protection Project

We the undersigned support purchase of key parcels of private property from willing sellers on the Homer Spit and in Beluga Slough by the Exxon Valdez Oil Spill Trustee Council in order to preserve important wildlife habitat for spill-injured species that is used and viewed by thousands of Alaskan residents and visitors each year.

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Please return petitions to Kachemak Heritage Land Trust, PO Box 2400, Homer, Alaska 99603

Homer Spit / Beluga Slough Protection Project

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Name (Signature)	Name (Print)	Address	Phone Number
Harvey Van Patten	Harvey Van Patten	Box 267	
Jean Wood Beck		Box 592 Homer	235-8316
Nina Faust	NINA FAUST	PO Box 2994 Homer	235-6262
Edgar Bailey	EDGAR BAILEY	" " "	
Daisy Lee Bitter	DAISY LEE BITTER	60385 E Skyline Homer	6841
Kathy Steben	Kathy Steben	Bx 2379 Homer, AK 99603	
Steve K. Yoshida		3665A Ben Walters Lane Homer, AK	
Robin Yoshida		" " "	
R.W. Tyler	R.W. Tyler	PO Box 1281, Homer, Ak 99603	
Richard Pettington	Richard Pettington	Box 521 Homer AK 99603	
Michelle Brown	Michelle M. Brown	P.O. Box 1868 Soldotna, Ak 99669	
Bunny Wood	BUNNY WOOD	412 36th Ave Seattle WA 98122	
Francis C. Wood	FRANCIS C. WOOD JR	412-36th AVE SEATTLE WA	98122-6411
Diana Rhoades	DIANA K RHOADES	Box 2816 Soldotna 99669	262-4963
Mary Shelby	MARY J. WEBBER	Box 2397 Homer 99603	
Kurt Marquardt	KURT MARQUARDT	106 W Bunnell Homer, AK	99603
Elizabeth A. Webb	Elizabeth A. Webb	40015 Waterman Rd. Homer AK	99603
Jennifer Edwards	Jennifer Edwards	PO Box 2296 Homer, AK	99603
Patricia Lukin	PATRICIA LUKIN	Box 305 Homer AK	99603
Steve W. Hackett	STEVE HACKETT	Box 15344, Homer AK	99603-6358
Bob Shavelson	Bob Shavelson	Box 1498 Homer AK	99603
Patricia C. Valone	Patricia C. Valone	Box 1498 Homer AK	99603
Angela Newby	ANGELA NEWBY	PO Box 1124 Homer	AK 99603
MaryAnn Rowe	MARYANN ROWE	Bx 15156 Fritz Creek	AK 99603
David Allen	DAVID ALLEN	Bx 2208 Soldotna,	AK 99669
Martha Wyckoff-Byrne	MARTHA WYCKOFF-BYRNE	1100 E. Newton St Seattle	WA 98102
Michael Jovanovski	MICHAEL JOVANOVSKI	3059 Kachemak Dr. Homer	AK 996
Karla Freeman	Karla Freeman	53135 McNeil Cyn Rd Homer	AK 9

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Name (Signature)	Name (Print)	Address	Phone Number
[signature]	Douglas A. Lien	3665 Ben Walters Hmr	3618
[signature]	Stew Zimmerman	Box 1291	235-5593
[signature]	FRAN MACCAMPBELL	Box 321	-7699
[signature]	LAURA Brooks	35225 Green Rd.	-8255
[signature]	Lisa Ellington	[illegible] Pitma-	7868
[signature]	PAT MATTHEWS	PO Box 341	-3772
[signature]	Mark Schollenberger	PO Box 3593	-7601
[signature]	Thomas W. Buslirk	18734 Mtn Plover Cir Anc	345-0005 99516
[signature]	William Dunne	Box 15043 FC 99603	235-7578
[signature]	Karl Stoltenberg	PO Box 3312, Homer	235-8131
[signature]	Melissa Rathbun	3873 Ben Walters #1	235-5379
[signature]	James Dolma	4276 Sh[illegible]	235-6517
[signature]	JOHN POLLOCK	PO BOX 565 Sterling	260-4958
[signature]	Charles E. Stock	P.O. Box 3713 Homer	235-4349
[signature]	Una F. Tuck	1822 Cindy Lee Ln.	563-2532
[signature]	BRADFORD H. TUCK	1822 CINDY LEE LN ANCH 99507	563-2532
[signature]	LYNN MARIENHADED	BOX 2776 Homer AK	235-5766

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Name (Signature)	Name (Print)	Address	Phone Number
			248-7353
Helene Feiner	Helene Feiner	PO Box 240584	Anch. AK 99524
Margi Blanding	Margi Blanding	PO Box 3355	Homer, AK 99603
John R Markos	JOHN R MARKOS	PO BOX 671002	CHUGIAK AK 688-05
Ronald G. Benkert	Ronald G. Benkert	2115 Sorbus Way Anchorage AK 99508	277-0007
Pam McCarl	PAM MCCARL	2115 Sorbus Way	Anc. 995
Lorene A Stoby	Lorrene Stoby	509 Sterling Hwy	235-6457
Louis O Benson	Louie Benson	157 Island View Ct	235-849
Michael Cavin	Michael Cavin Jr.	POB 961	Kodiak AK 235
Susan Cushing	SUSAN CUSHING	1423 BAY AVE	HOMER 674
Rick Harness	RICK HARNESS	RDO Homer	99603-235662
Mark Robinson	MARK ROBINSON	P.O. 2986	Homer

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Name (Signature)	Name (Print)	Address	Phone Number
[illegible]	Barrett Fletcher	Box 575	235-2561
[illegible]	Ed Berg	PO Box 2608 Soldotna	262-5026
[illegible]	Bob Hahn	630 Ocean View	345-2806
[illegible]	Dennis Novak	Anch Box 2777	235-8485
[illegible]	Cathy S Godfrey	PO Box 2949	235-7221
[illegible]	Susan Pfeiffenberger	Box 2304	224-2697
[illegible]	Laurie Kozisek	12220 Skyway Dr Anch 99515	3498677
Tamara Fletcher	Tamara Fletcher	Box 575	2561
[illegible]	Box 321 Homer, Ak 99603		
[illegible]	John Gillespie	10961 SE [illegible] Cir	99576
[illegible]	Amy Bollenbach	P.O. Box 3429	99603
[illegible]	Dexter Mich	6303 Todd's [illegible] Dexter	
[illegible]	Ann Glicados	Box 511 Seward	224-5372
Vicki Schirado	[illegible]	PO [illegible]	Homer
[illegible]	Mike Sirc	65105 [illegible] Homer	
[illegible]	John Whitter	Box 134	Homer
Marie Herdegen	Marie Herdegen	HC 67 Box 1218	Anchor Pt. 99556
Nancy S Wainwright	Nancy Wainwright	13030 Buck Rd Anchorage AK 99515	
[illegible]	Richard T [illegible]	B. 1282 Homer AK 99603	
Diana Jeska	Diana Jesta	P.O. Box 654 Homer AK	
Carolyn Rakos	Carolyn Rakos	13120 Foster Rd Anch 99516	
[illegible]	Jared Schumacher	HC 34 Box 2080 Wasilla, AK	
Mike Johnson	M. G. Johnson	[illegible] View St Homer AK	235-1599
[illegible]	Tamara Barnett	Box 2193	235-6834
[illegible]	David Jackson	Box 2895	2356057

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Name (Signature)	Name (Print)	Address	Phone Number
	Moki Green	58825 Deitz Ln	-0595
	Cynthia Morelli	593 Cowels Way	2846
	Calvin J. Schmidt	67185 W. Thomas Rd.	- 6910
	Winslow Hoffman	P.O. box 1842 Homer, AK.	no phone
	MICHELLE TITUS	POBOX2282 Homer, AK	8937
	Stefan Schumacher	POBox2282 Homer, AK	8937
	DL Beran	POBox 1233 Homer, AK	99603
	GLENN F. CALDWELL	BOX 2308 HOMER	99603 235 2141
	Bradley Kloeckl	Po Box 2132	Homer 99603 No phone

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Name (Signature)	Name (Print)	Address	Phone Number
[illegible]	John W. Schoen	12640 Lupine Rd Anc 99516	345-7994
[illegible]	Virginia Welle	1689 E Bayview Homer 9960[illegible]	
[illegible]	Heather Welle	1689 E. Bayview Homer 99603	
[illegible]	Wayne Biessel	54795 Flory Ave, Homer 99603	
[illegible]	Kathleen Biessel	54795 Flory Ave Homer 9960[illegible]	
[illegible]	Susan Post	Box 1075 Homer	235-7476
[illegible]	Toni B London	HC 85 Box 9247 Eagle River	694-543[illegible]
~~[illegible]~~	~~Sallie Dunn Butters~~	~~Box 1223~~	~~235 5994~~
[illegible]	John P Sheldock	PO Box 262 Sterling AK 99672	262-4959
[illegible]	Nathan Senner	PO Box 102264 Anchorage, AK, 99510	243-8[illegible]
[illegible]	Mark Luttrell	Box 511 Seward 99664	224 5372
[illegible]	Kenneth R. Whitten	Box 81743 Fairbanks, AK	479-454[illegible]
[illegible]	Chip Dennerlein	1627 W 14th Ave Anch AK 99501	278 342[illegible]
[illegible]	**Bruce Batten**	**HC85 Box 9247 Eagle River 99577**	**694-543[illegible]**
[illegible]	Ben G Mitchell	104 E Pioneer Hom	235 830[illegible]
[illegible]	Dianne Anderson	8750 N Douglas Hwy Juneau	586 3424
[illegible]	Daniel Zatz	Box 2666 Homer 99603	235-420[illegible]
[illegible]	John L. Martin	Box 3283 Homer 99603	235-6546
[illegible]	Karen Murdock	Box 1622 Homer	235-7[illegible]
[illegible]	Mari Jamieson	PO Box 142283 Anch AK 99524	277-6270
[illegible]	Shirley Fedora	60796 Horizon Ct. Homer	[illegible]-0614
[illegible]	Laurie Daniel	PO Box 3213 Homer AK 99603	235-[illegible]

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Name (Signature)	Name (Print)	Address	Phone Number
~~[illegible]~~	~~DAVID CRASKIN~~	~~PO BOX 2419 HOMER~~	~~235-0514~~
[illegible]	JHAN HIBER	ANCHORAGE AK	277-8189
Carol Harding	CAROL HARDING	PO BOX 2563	235-1025
[illegible]	GEO BERGER	PO BOX 2512	235-1234
[illegible]	WALTER SONEN	BOX 107, SELDOVIA	99663
A Chartier	Alix CHARTIER	Box 153, Seldovia	99663

Keri – medium/low priority..
please create a FM Pro database for a mass mailing on the Homer Spit parcels – I'll be drafting a letter; please advise when you've entered the names — THX Ellen

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Name (Signature)	Name (Print)	Address	Phone Number
Mary Meins Holl...	Mary Meins	Box 534 Homer AK	
Susan FAIR	SUSAN FAIR	BOX 771338 EAGLE RIVER	(907) 696-216
Lisa Gerard	Lisa Gerard	POB 907 Homer, AK 99603	
David Eriksen	David Eriksen	PO B 1524 Homer AK 99603	
T. Michael Howard	Thomas M. Howard	BOX 2221 Soldotna AK 99669	
Susan L. Howard	Susan L. Howard	PO Box 2221 Soldotna AK 99669	
Carol A. Aderhold	CAROL A. ADERHOLD	350 Grubstake Ave. HOMER, AK 99603	
Ted Moore	Ted Moore	14530 Echo St., Anchorage 99516	
Charles LaForge	CHARLES LAFORGE	P.O. Box 15132 HOMER AK 99603	
Charles Bashwell	Chas B	17520 Snowcap Ln Anch 99516	
Ron Mack	Ron Mack	501 Lucas Rd Wasilla AK 99654	
Lori Ford	Lori Ford	POB 3584 Homer AK 99603	-3898
Patrick Cumming	Patrick Cumming	PO 3584 Homer AK	3898
Sallie Dodd-Butters	Sallie Dodd-Butters	PO 1223 Homer	-235-5994
C.E. Abelgaard	C.E. Abelgaard	Box 891 Homer AK	
David Ellington	DAVE Ellington	64645 Pittman AVE	235-7868
Diane Hughes	Diane Hughes	3479 LANDINGS St. #8 Homer 99603	235-4229
Jennifer Sonneborn	Jennifer Sonneborn	Mile 5 Oilwell Rd. Trapper Creek, AK 99683	N/A
Jerry Frederick	JERRY FREDERICK	MILE 13 EAST RD Homer AK 99603	
Mimi Tolva	Mimi Tolva	Box 2117 Homer	235-8352
Rosemary Fitzpatrick	Rosemary Fitzpatrick	51630 East End Rd. Homer	-7280
Carol V. Moss	Carol V. Moss	4490 E. Hill Rd. Homer	-8788
Christina Hyde	CHRISTINA HYDE	454 Seaview Terrace Watsonville, CA	(408) 722-2442
Sally Oberstein	SALLY OBERSTEIN	P.O. BOX 2094 HOMER, AK 99603	235-2308
J. Stratton	Jim Stratton	12821 Mt. Place Anch AK 99516	—
Heidi Uhl	Heidi Uhl	5400 W. Dimond Blvd #1A Anchorage 99515	
Jim Pfeiffenberger	Jim Pfeiffenberger	Box 2304 Seward AK 99664	
Roger MacCampbell	Roger MacCampbell	Bx 321 Homer AK 99603	

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Name (Signature)	Name (Print)	Address	Phone Number
RK Paul	Rebecca Paul	PO 1031	235 6576
Ann Heimbuch	Ann Heimbuch	PO 21035	5-16329
Nicki Wolfe	Nicki Wolfe	812 W. 76th Anch. AK	344-2421
	Susan Bunting	P.O Box 771, Homer	235-2381
Georgia Jones	Georgia Jones	4067 Mullikan Homer	3441
Lisa McGrew	Lisa McGrew	P.O. Box 2016 Homer	0617
Bruce H Mattson	Bruce H Mattson	10818 Steeple Dr. Eagle River	6942477
Karen A Mattson	Karen A. Mattson	10818 Steeple Dr Eagle River	"
Cindy Ecklund	Cindy L. Ecklund	PO Box 1837 Seward AK	224-7078
Denise Lassen	Denise Lassen	HC67 Box 912 Anchor Point	235-4277
Sheri Jackinsky	Sheri Jackinsky	Box 1044 Homer AK	99603
Alice Porter	Alice Porter	PO Box 2031 Homer, Ak	"
Terry Slaven	Terry Slaven	159 Campbell Ct. Palmer	745-2130
Frances Levi	Frances Levi	PO Box 220895 Anchorage AK	99522 248-8481
Duane Miller	Duane Miller	258 Dogwood Ln Broadway VA	22815
Sue Wohlgemuth	Sue Wohlgemuth	PO Box 3842 Homer, AK	99603
Loralee Willis	Loralee Willis	8421 Pioneer Dr, Anchorage, AK	99504
Stephen J Wilson	Stephen J Wilson	11600 Paddock Ln Anchorage	99516
William Seitz	William Seitz	3310 Seawind Cr	Anchorage 99516
Frank Willis	Frank Willis	8421 Pioneer	Anch. 99504
Jane Jeahning	Jane Jeahning	4013 MacKay Rd	Homer 235-0161
Kurt Jeahning	Kurt Jeahning	4013 MacKay Rd	Homer 235-0161
Richard Morgan	Richard Morgan	20324 Raven Dr Eagle River AK	694-8002
Rex Turner	REX TURNER	P.O Box 3489 Palmer AK.	746-6000
Jarl Gustafson	Jarl Gustafson	Box 2911 Homer AK 99603	235-6755
Brian Hanson	Brian Hanson	10645 Carlisle Ct Homer	235-8922
Joe Meehan	Joe Meehan	Box 5251 Adak, AK	592-3753
Barbara Deal	BARBARA DEAL	PO Box 2584 Homer	235-0712

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Name (Signature)	Name (Print)	Address	Phone Number
Jean Boren	JEAN BOREN	MARINETTE, WI	715 732048
Tamekia Baker	Tamekia Baker	Anchor Point AK	907 235-6331
Sally Mand	Sally Mand	2450 Stanford	907-276-2469
[illegible]	Janet Fink	P.O. Box 1644 Homer	235-5660
Kathryn Zins	Kathryn Zins	2933 Kingfisher Dr. Anch.	
Randall H. Wiest	RANDALL H. WIEST	4103 Blackberry St, Juneau AK	780-4048
Amie C B[illegible]	Amie C Bacinski	PO Box 101972 Anch, AK 99510	272-1887
John T Kirchner	JOHN T KIRCHNER	P.O. B. 15153 HOMER AK 99603	615
Elaine Chalup	Elaine Chalup	POB 4010 Homer, AK	235-6112
Barbara Schmiedeskamp	Barbara Schmiedeskamp	3111 Captain Dr. Anchorage 99516	345-3557
George Matz	George Matz	14515 Golf Ave 99516	345-7123
Jodee Force	Jodee Force	550 Lochcarron Wasilla	373-1472
Ilda Stoltzfus		Box 1205, Homer, AK, 99603	
Jodie Murrell	Jodie Murrell	7331 E. 21st Apt. A Anchorage 99504	333-2773
Joletta Davis	Joletta Davis	P.O. Box 114 Homer AK 99603	235-4382
Gail Thompson	GAIL THOMPSON	Box 2189 Homer	
Kathy Smith	Kathy Smith	Box 3099 Homer	235-5523
[illegible]	Kristen Govertsen	Box 2073 Homer	5549
Norma L Waitman	Norma L Waitman	P.O. Box 897 Homer	235-0624
Margaret LaVigueur	MARGARET LAVIGUEUR	P.O. BOX 1925 HOMER	235-2206
~~Salli Dodd-Rutter~~	~~Salli Dodd-Rutter~~	~~[illegible] Homer~~	~~5594~~
Gayle E.G. Forrest	GAYLE E.G. FORREST	POB 15261 Fritz Creek	5-2475
Louise Harper	Louise Harper	7341 Blackberry St. Anchorage 99502	
Ingrid McKinstry	INGRID MCKINSTRY	P.O. Box 1575 Homer	235-6608
Mary G White	Bu	Buchanan [illegible]	
[illegible] Carnes	1753 Baumister Rd	Anchorage AK 99508	2791195
Cindy Sherlock	Cindy Sherlock	P.O. Box 202 Sterling	262-1459
John E Wenger	JOHN WENGER	3217 DOIL DR. ANCH. AK	562-5838

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Name (Signature)	Name (Print)	Address	Phone Number
[signature]	CARMEN FIELD	P.O. BOX 2551 HOMER	235-6016
[signature]	EDWARD SALAZAR	PO BOX 770618 EAGLE RIVER	696-1780
Jeanne L. Freeman		2200 Steeple Dr. Anch. AK	345-2328
[signature]	Shirlie Gibble	Box 843 Homer	235-8294
[signature]	NANCY NELSON	HC-1 BOX 116A SOLDOTNA	260-9027
[signature]	Henry W Freeman	2200 Steeple Anch AK	345-2328
[signature]	BARBARA HILL	P.O. BOX 1826 HOMER AK 99603	235-66..
[signature]	SUSAN S...	14385 Parkway Soldotna AK 99669	(262-5150)
[signature]	KATHYRN E. PEEL	PO BOX 3176 HOMER,	235-1017
[signature]	ELEANOR KLINGEL	P.O. Box 937 HOMER	235-5927
[signature]	ALFREDA BALLARD	PO Box 870075 Wasilla AK 99687	
[signature]	Andrew Ballard	P.O. Box 870075 Wasilla AK 9968..	
[signature]	LINDA FEILER	Box 148 ANCHOR PT. 99556	235-845..
[signature]		Box 761 Homer AK 99603	
William F. Craine	William F. Craine	PO Box 728 Homer, Ak 99603	
[signature]	Irene Craine	P.O. Box 728 Homer, AK. 99603	
[signature]	Barbara Jorgenson	721 Bounty Anchor. 99515	
[signature]	PENNY LOOS	3816 ... Av. Anch. 99517	
[signature]	Gladys Dandora	P.O. Box 74 Anchor Pt 99556	
[signature]	Valerie Elliott	8318 Temple Cir. Anchorage 99515	
Joy Steward	JOY Steward	PO Box 3576 Homer AK 99603	
[signature]	Sharon Bayer	PO Box 2822 Homer, AK 99603	
Carol L Whitaker	CAROL L WHITAKER	PO BOX 3394 Homer AK 99603	
Paul G. Johnson	Paul G. Johnson	P.O. Box 2468 Homer AK 99603	
[signature]	Linda Grover	1307 W. 13th Anch. Ak. 99501	
[signature]	JoANN SHUEIGAR	440 W. 15th Terr ANCH	277-7679
Ralph Broshes	RALPH BROSHES	P.O. Box 1445 Homer AK	235-8960
[signature]	MARK ALLAN	P.O.B. 1981 Homer AK	235-8407

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Name (Signature)	Name (Print)	Address	Phone Number
Scott Linn	Scott Linn	40560 Harvest Drive, Homer	235-6594
Ellen Vallery	ELLEN VALLERY	40520 HARVEST DR HOMER	235-6594
Melody Stoltzfus Charley	Melody Stoltzfus Charley	PO BOX 2436 Homer	235-2876
[illegible]	Velma Edens	PO Box 4086 - Homer	235-8610
Sally Walters	Sally Walters	551 Jean St #301 Oakland CA 94619	
Daryl Farrens	Daryl Farrens	PO Box 3821, Homer	235-2166
[illegible]	T.C. LAING	35035 Lowbush St. Homer	235-7475
[illegible]	DENNIS BELANGER	8000 - 65th AVE. No. Mpls. MN. 55428	
[illegible]	SOL NEELY	P.O. Box 788 HOMER	N/P
Chris Arend	Chris Arend	5401 Cordova #204 Anchorage AK 99518	
Barbara English Belanger	Barbara ENGLISH-Belanger	8000 65th AVE N BROOKLYN PK MN 55428	
Virginia Moore	Virginia Moore	14530 Echo St Anchorage 99516	345-355
[illegible]	MICHAEL A. ARMSTRONG	P.O.B. 38 HOMER AK 99603	
[illegible]	ARTHUR B. KETTLE	P.O. Box 3355 HOMER AK 99603	-7310
Vila de Sousa		4105 Kachemak way 2 Homer AK 99603	
[illegible] Bell		HC 67 Box 917-B Anchor Pt 99556	
Ted Boom		POB 110047 Anch AK 99511	
Cheryl Boom		POB 110047 Anch AK 99511	
Jack W. Lentfer	JACK W. LENTFER	Box 2617, Homer	235-5945
[illegible] Talbot	[illegible] Talbot	Anc 99507	333-2163
Glenn Seaman	Glenn Seaman	5101 Whispering Spruce, Anch AK	345-4209
Robert H. Moore		Box 724 Homer 99603	235-8788
Marjorie Belieu	Marjorie Belieu	POB 2163 Homer, AK	235-7348
Maureen A. O'Neill	Maureen A. O'Neill	3550 Alamosa Dr. Anch AK	248-4457
Alice Haggerty	Alice Haggerty	P.O. Box 737 Homer AK 99603	
[illegible]	[illegible]	PO Box Homer AK 99603	
[illegible] von Zweygberg		PO BOX 15244 HOMER, AK 99603	
[illegible] Allen		PO BOX 935 Girdwood AK 99587	

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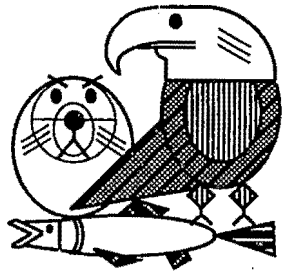
Name (Signature)	Name (Print)	Address	Phone Number
Leslie Kerr	Leslie Kerr	P.O. Box 286 Kotzebue Alaska 99752	907-442-2563
Gloria Poston	GLORIA POSTON	5043 SAN AQUARIO DR. SAN DIEGO, CA 92109	(619) 270-3057
Lori Holcomb	Lori Holcomb	Box 90 Talkeetna, AK 99676	733-3057
Scott Holcomb	Scott Holcomb	Box 90 Talkeetna AK 99676	733-3057
Joe Thinnes	Joe Thinnes	3005-A wendy way ANC AK 99517	
Averil Lerman	AVERIL LERMAN	14020 Venus Way, Anch	277-2233
Mary Pearson	MARY PEARSON	908 CUNNINGHAM ST, ANCH	274-6821
Tom Atkinson	Tom Atkinson	Box 1827, Soldotna AK 99669	

Please return petitions to Kachemak Heritage Land Trust, PO Box 2400, Homer, Alaska 99603

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 3, 1997

Craig Matkin
North Gulf Oceanic Society
POB 15244
Homer, Alaska 99603-6244

Re: Project 98012-BAA, Comprehensive Killer Whale Investigation in Prince William Sound

Dear Mr. Matkin:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council fund Project 98012 contingent on approval of a revised Detailed Project Description and budget that eliminate funding for a photographic catalog. I have enclosed a copy of my preliminary recommendation on this project, along with a summary of the Chief Scientist's recommendation on the project's technical merits.

The Restoration Office estimates that the revised budget, including general administration, will be about $154,900. The revised budget should be prepared on the standard detailed budget forms and submitted, along with the revised Detailed Project Description, to the Restoration Office, Attn: Sandra Schubert, by **June 25, 1997.** (Please provide an electronic copy of the revised DPD. An electronic copy of the revised budget is not needed.)

My preliminary recommendations on all proposals for funding in FY 98 will be incorporated into the Draft Work Plan, which will be distributed for public comment by June 9. The Restoration Office will accept public comments through July 15. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Trustee Council. Trustee Council action on the Work Plan is tentatively scheduled for August 6.

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

Sincerely,

Molly McCammon
Executive Director

Enclosure

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

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SPREADSHEET B: PRELIMINARY EXECUTIVE DIRECTOR'S RECOMMENDATION/FY 98 DRAFT WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY98 Request	FY98 Recom.	FY99 Recom.	FY00 Recom.	Total FY98-02
98012A-BAA	Comprehensive Killer Whale Investigation in Prince William Sound, Alaska	C. Matkin/North Gulf Oceanic Society	NOAA	Cont'd 6th yr. 9 yr. project	$166.8	$154.9			$154.9

Project Abstract

This project continues to monitor the damaged AB pod and other Prince William Sound killer whales to analyze a GIS database on killer whales. In FY 98, critical habitats for transient whales in Prince William Sound will be identified using these data. Year round residency of killer whales will be assessed using a remote hydrophone system. Environmental contaminant levels in the blubber of specific whales will be determined and potential effects on recovery evaluated. An updated catalog of individual killer whales that use Prince William Sound will be constructed and incorporated in a popular book detailing research results (FY 99).

Chief Scientist's Recommendation

This ongoing work has been developing valuable information regarding killer whale populations in Prince William Sound, including the first data sets on the genetics and contaminant body burdens in these populations. The long-term data set collected by this principal investigator should expand our knowledge of the natural history of killer whales. The proposal is generally consistent with the results of the November 1996 killer whale review, including conclusion of biopsy sampling for contaminants and genetic analyses. However, the request for funding for the photo catalog is questionable since the Detailed Project Description does not contain a long-term plan or justification for this component. Overall, I recommend that the budget be reduced to $150,000, including deletion of the photo catalog.

Executive Director's Preliminary Recommendation

Fund contingent on submittal of a revised Detailed Project Description and budget that eliminate funding for a photographic catalog. The contract for continuation of this project should place special emphasis on producing the five manuscripts promised in the proposal. This project is providing valuable information about the long-term effects of the oil spill on resident and transient pods of killer whales in Prince William Sound.

Exxon Valdez Oil Spill Trustee Council

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

June 3, 1997

Dan Gillikin
USFS, Glacier Ranger District
POB 129
Girdwood, Alaska 99587

Re: Project 98043B, Monitoring of Cutthroat Trout and Dolly Varden Habitat Improvement Structures

Dear Mr. Gillikin:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council fund Project 98043B. I have enclosed a copy of my preliminary recommendation on this project, along with a summary of the Chief Scientist's recommendation on the project's technical merits. Please notice that I also recommend that FY 98 be the final year of monitoring.

My preliminary recommendations on all proposals for funding in FY 98 will be incorporated into the Draft Work Plan, which will be distributed for public comment by June 9. The Restoration Office will accept public comments through July 15. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Trustee Council. Trustee Council action on the Work Plan is tentatively scheduled for August 6.

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

Sincerely,

Molly McCammon
Executive Director

Enclosure

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

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SPREADSHEET B: PRELIMINARY EXECUTIVE DIRECTOR'S RECOMMENDATION/FY 98 DRAFT WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY98 Request	FY98 Recom.	FY99 Recom.	FY00 Recom.	Total FY98-02
98043B	Monitoring of Cutthroat Trout and Dolly Varden Habitat Improvement Structures	D. Gillikin/USFS	USFS	Cont'd 5th yr. 7 yr. project	$24.0	$24.0	$8.0	$0.0	$32.0

Project Abstract

This project monitors habitat improvement structures and their effects on cutthroat trout and Dolly Varden populations. These structures were installed in 1995. There has been concern raised that habitat structures may inadvertently increase coho salmon populations, and thereby increase competition stress on Dolly Varden and cutthroat trout populations. Preliminary data collected in 1995 and 1996 could be interpreted to support this assumption with regard to cutthroat trout. Additional monitoring seeks to address these questions, and provide solid results to base our conclusions on the effectiveness of these types of improvements to benefit Dolly Varden and cutthroat trout.

Chief Scientist's Recommendation

The low cost assessment of the performance of earlier habitat enhancement efforts provided by this project will be valuable information for the restoration program. Although there was a previous recommendation to end monitoring in FY 97, the opportunity to quantify the effects of this habitat enhancement effort with another year of monitoring deserves support. The project should be closed out in FY 99, and the results of this project should be published in the scientific literature.

Executive Director's Preliminary Recommendation

Fund a third and final year of monitoring. This project monitors the effectiveness of cutthroat trout and Dolly Varden habitat improvement structures installed in FY 95. The structures were monitored in FY 96 and FY 97. Only closeout funds (preparation of a final report/manuscript) are expected in FY 99.

Exxon Valdez Oil Spill Trustee Council

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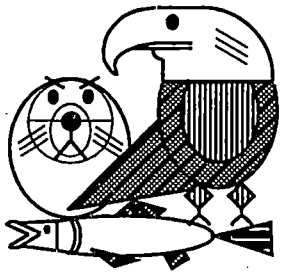

June 3, 1997

Kathryn Frost
Alaska Department of Fish & Game
1300 College Road
Fairbanks, Alaska 99701-1559

Re: Project 98064, Monitoring, Habitat Use, and Trophic Interactions of Harbor Seals in PWS

Dear Ms. Frost:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council fund the continuation component of Project 98064 contingent on receipt of the annual report for 96064, but defer the decision on funding additional research until a review session is conducted on the recovery status of harbor seals and the results of previously funded studies (probably sometime this fall). I have enclosed a copy of my preliminary recommendation on this project, along with a summary of the Chief Scientist's recommendation on the project's technical merits.

For our records, I would appreciate receiving a revised Detailed Project Description and budget reflecting only the continuation of Project 97064 into FY 98. The Restoration Office estimates that the revised budget, including general administration, will be $150,000. The revised budget should be prepared on the standard detailed budget forms and submitted, along with a revised Detailed Project Description, to the Restoration Office, Attn: Sandra Schubert, by **June 25, 1997.** (Please provide an electronic copy of the revised DPD. An electronic copy of the revised budget is not needed.)

My preliminary recommendations on all proposals for funding in FY 98 will be incorporated into the Draft Work Plan, which will be distributed for public comment by June 9. The Restoration Office will accept public comments through July 15. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Trustee Council. Trustee Council action on the Work Plan is tentatively scheduled for August 6. Council action on deferred projects is expected sometime in November or December.

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

Sincerely,

Molly McCammon
Executive Director

Enclosure

cc: Claudia Slater, ADF&G Liaison
Dr. Robert Spies, Chief Scientist

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SPREADSHEET B: PRELIMINARY EXECUTIVE DIRECTOR'S RECOMMENDATION/FY 98 DRAFT WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY98 Request	FY98 Recom.	FY99 Recom.	FY00 Recom.	Total FY98-02
98064	Monitoring, Habitat Use, and Trophic Interactions of Harbor Seals in PWS	K. Frost/ADFG	ADFG	Cont'd 4th yr. 5 yr. project	$307.5	$307.5	$230.0	$130.0	$667.5

Project Abstract

This project will monitor the status of harbor seals in Prince William Sound and investigate the hypothesis that food limitation to pups and juveniles is causing the ongoing decline. Aerial surveys will be conducted during molting to determine whether the population continues to decline, stabilizes, or increases. Seal pups will be satellite-tagged to describe and compare their movements, hauling out, and diving behavior to older seals and seals in other areas. Fatty acids analysis will be conducted on recent and archived blubber samples and mathematical models developed to estimate seal diets and whether they have changed since the 1970s. Special emphasis will be on pups and juveniles, the age groups most likely to be affected by food limitation.

Chief Scientist's Recommendation

There continues to be great concern about the status of the harbor seal. The principal investigator has done excellent work to date, and the reviewers strongly encourage the principal investigator to produce a major ecological paper on her work. The monitoring component of this work is producing invaluable data and should be continued. The expanded research objectives that double the project cost deserve further consideration (e.g., should one have more evidence that pups are starving before embarking on major work on fatty acids in pups?), and the new research component needs to be reviewed in conjunction with other harbor seal work (e.g., 98001, 98170) prior to funding. Fund at original level requested, and conduct a review of the new research objectives in the fall of 1997.

Executive Director's Preliminary Recommendation

Fund continuation component of this project at the level projected in the FY 97 Work Plan ($150,000) contingent on submittal of 96064 annual report. Defer decision on funding expanded research objectives until a review session is conducted (probably Fall 1997) on the recovery status of harbor seals and the results of previously funded studies. In collaboration with 98001 and 98170, this project will help explain the long-term decline in harbor seals in Prince William Sound. The results of the study will enable resource managers, subsistence users, and others to focus their efforts and concern on the most probable causes of harbor seal population decline.

Exxon Valdez Oil Spill Trustee Council

Restoration Office
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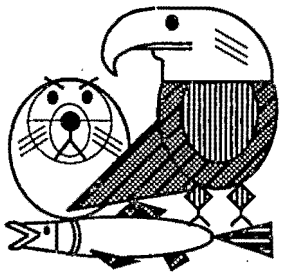

June 3, 1997

Robert H. Day, Ph.D.
ABR, Inc.
POB 80410
Fairbanks, Alaska 99708-0410

Re: Project 98142-BAA, Status and Ecology of Kittlitz's Murrelets in Prince William Sound
Project 98287-BAA, Seabird-Oceanographic Relationship in the Northern Gulf of Alaska: Integration with NSF Study "GLOBEC"

Dear Dr. Day:

I am writing to inform you of my preliminary recommendations on two proposals you submitted to the *Exxon Valdez* Trustee Council for funding in FY 98. I recommend that the Council fund Project 98142-BAA contingent on approval of a revised budget that reflects funding for preparation of only one manuscript. However, I do not recommend funding for Project 98287-BAA because its link to restoration objectives and ongoing seabird work is not strong. I have enclosed a copy of my preliminary recommendations on these projects, along with a summary of the Chief Scientist's recommendations on the projects' technical merits.

The Restoration Office estimates that the revised budget for Project 98142, including general administration, will be $269,000. The revised budget should be prepared on the standard detailed budget forms and submitted to the Restoration Office, Attn: Sandra Schubert, by **June 25, 1997.** (An electronic copy of the revised budget is not needed.)

My preliminary recommendations on all proposals for funding in FY 98 will be incorporated into the Draft Work Plan, which will be distributed for public comment by June 9. The Restoration Office will accept public comments through July 15. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Trustee Council. Trustee Council action on the Work Plan is tentatively scheduled for August 6.

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

Sincerely,

Molly McCammon
Executive Director

Enclosures

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

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SPREADSHEET B: PRELIMINARY EXECUTIVE DIRECTOR'S RECOMMENDATION/FY 98 DRAFT WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY98 Request	FY98 Recom.	FY99 Recom.	FY00 Recom.	Total FY98-02
98142-BAA	Status and Ecology of Kittlitz's Murrelets in Prince William Sound	B. Day/ABR, Inc.	NOAA	Cont'd 3rd yr. 3 yr. project	$331.7	$269.0	$0.0	$0.0	$269.0

Project Abstract

This project will propose to conduct a third and final year of investigations on the status and ecology of Kittlitz's murrelet, a rare seabird breeding in glaciated fjords of Prince William Sound. It will continue to evaluate the distribution and abundance, habitat use, productivity, and trophic position of this little-known seabird in northwestern Prince William Sound. Given uncertainty about the effects of the oil spill on this species, a better understanding of its status and ecology is required to ensure its long-term conservation.

Chief Scientist's Recommendation

Kittlitz's murrelet is a rare, poorly-known seabird that was injured by the oil spill. This project would conclude a 3-year effort on its basic life history and ecology. The principal investigator is strong and has done excellent work to date. This project should be funded, including the additional mid-summer cruise. However, the PI has requested support to produce a final report plus four manuscripts. Given limited funds, this should be reduced to a final report plus one manuscript or the final report should be comprised of the four manuscripts. Either way the budget should be reduced.

Executive Director's Preliminary Recommendation

Fund, including funds for project closeout, contingent on submittal of a revised budget that reflects funding for preparation of only one manuscript. This study will gather basic information on the Kittlitz's murrelet, which is a rare, poorly known seabird. According to one estimate, a substantial fraction of the world population of this species was killed in the spill. The results of this study may lead to identification of restoration measures.

SPREADSHEET B: PRELIMINARY EXECUTIVE DIRECTOR'S RECOMMENDATION/FY 98 DRAFT WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY98 Request	FY98 Recom.	FY99 Recom.	FY00 Recom.	Total FY98-02
98287-BAA	Seabird-Oceanographic Relationships in the Northern Gulf of Alaska: Integration with NSF Study "GLOBEC"	B. Day/ABR, Inc.	NOAA	New 1st yr. 3 yr. project	$143.2	$0.0	$0.0	$0.0	$0.0

Project Abstract

This project will conduct a three-year study of seabirds in the Northern Gulf of Alaska (Resurrection Bay to Montague Island) by using a ship-of-opportunity sampling platform of the National Science Foundation project "GLOBEC" (Global Ocean Ecosystem Dynamics), which also will provide access to an extensive series of oceanographic data. This project will identify ecological processes affecting temporal and geographic variation in the distribution and abundance of seabirds, including species that were injured by the oil spill. It also will provide valuable information to the restoration program by providing data on the year-round status of seabird populations and the processes that influence their variation.

Chief Scientist's Recommendation

The proposal would take advantage of a "ship of opportunity" to obtain data on Gulf of Alaska seabird populations in relation to oceanographic features. This ship would be provided by GLOBEC, and the chance to establish a link with this major scientific initiative is attractive. The principal investigator is well qualified and the sample design presented here has merit, but the link to restoration objectives and current seabird work (APEX, Project /163) is weak. Do not fund.

Executive Director's Preliminary Recommendation

Do not fund. This project would investigate the at-sea distribution and abundance of seabirds in the northern Gulf of Alaska from a research vessel for the GLOBEC project, a marine ecosystem research project sponsored by the National Science Foundation. The opportunity to establish a link with GLOBEC is appealing. However, the project's link to the Trustee Council's restoration objectives and ongoing seabird work is not strong.

Exxon Valdez Oil Spill Trustee Council

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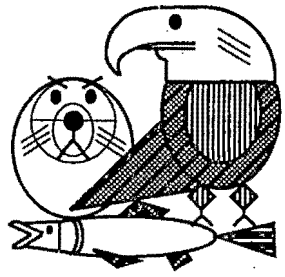
Phone: (907) 278-8012 Fax: (907) 276-7178



June 3, 1997

Gary Marty
Vet Med - APC
University of California
Davis, California 95616

Richard Kocan, Ph.D.
University of Washington
POB 355100
Seattle, Washington 98195

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

Anthony P. Farrell, Ph.D.
Department of Biological Sciences
Simon Fraser University
Burnaby, BC V5A 1S6
CANADA

Re: Project 98162, Investigations of Disease Factors Affecting Declines of Pacific Herring Populations in Prince William Sound

Dear Drs. Marty, Kocan, Kennedy and Farrell:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council fund all but the herring pound component of Project 98162 contingent on approval of a revised budget. I recommend that the Council defer a decision on funding the herring pound component pending evaluation of the FY 97 work on this fishery. I have enclosed a copy of my preliminary recommendation on this project, along with a summary of the Chief Scientist's recommendation on the project's technical merits.

The Restoration Office estimates that the revised budget, including general

administration, will be $483,400, and that the cost of the deferred herring pound work would be an additional $34,000. Please submit a revised budget that excludes the cost of the herring pound work. The revised budget should be prepared on the standard detailed budget forms and submitted to the Restoration Office, Attn: Sandra Schubert, by **June 25, 1997.** (An electronic copy of the revised budget is not needed.)

My preliminary recommendations on all proposals for funding in FY 98 will be incorporated into the Draft Work Plan, which will be distributed for public comment by June 9. The Restoration Office will accept public comments through July 15. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Trustee Council. Trustee Council action on all but deferred projects is tentatively scheduled for August 6. Council action on deferred projects is expected sometime in November or December.

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

Sincerely,

Molly McCammon
Executive Director

Enclosure

cc: Claudia Slater, ADF&G Liaison
Dr. Robert Spies, Chief Scientist

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Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY98 Request	FY98 Recom.	FY99 Recom.	FY00 Recom.	Total FY98-02
98162	Investigations of Disease Factors Affecting Declines of Pacific Herring Populations in Prince William Sound	G. Marty/UC Davis; R. Kocan/Univ. Wash., C. Kennedy & A. Farrell, Simon Fraser Univ.	ADFG	Cont'd 4th yr. 4 yr. project	$517.4	$517.4	$0.0	$0.0	$517.4

Project Abstract

Field and controlled laboratory studies will focus on viral hemorrhagic septicemia virus (VHS) and *Ichthyophonus hoferi*, a pathogenic fungus, to determine their role in the disease(s) and mortality observed in Prince William Sound herring since 1993. Herring will be monitored for signs of disease and immune status, while specific pathogen-free herring will be used to determine the degree of mortality, blood chemical changes, and pathogenicity produced by these organisms alone and in combination with exposure to stressors such as petroleum hydrocarbons, temperature and crowding. Wild herring will be studied under laboratory conditions to determine the course of VHS infection associated with captivity and their immune status and susceptibility to reinfection.

Chief Scientist's Recommendation

This is the continuation of a program that has demonstrated excellent progress toward developing practical indicators of population health from earlier theoretical work. Although I recommend funding the project, there is concern about the increase in FY 98. I recommend deferring a decision on the budget as it pertains to the herring pound fishery pending evaluation of the FY 97 work on this fishery.

Executive Director's Preliminary Recommendation

Fund all but herring pound component contingent on a revised budget that eliminates the herring pound component (roughly $34,000). Defer a decision on funding the herring pound component pending evaluation of the FY 97 work on this fishery. This project investigates the potential link between oil exposure and disease in herring, and between disease and the herring population decline in Prince William Sound. Understanding the causes of the decline and the lack of recovery is important for restoration of the herring population in Prince William Sound.

Exxon Valdez Oil Spill Trustee Council

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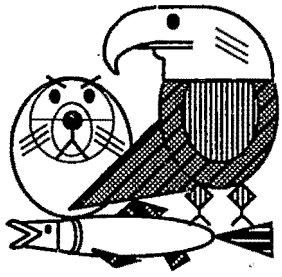

June 3, 1997

James Seeb, Ph.D.
ADF&G/CFMD
333 Raspberry Road
Anchorage, Alaska 99518-1565

Lisa W. Seeb, Ph.D.
ADF&G/CFMD
333 Raspberry Road
Anchorage, Alaska 99518-1565

Susan E. Merkouris
ADF&G/Genetics
333 Raspberry Road
Anchorage, Alaska 99518

Re: Project 98165-CLO, Genetic Discrimination of Prince William Sound Herring Populations

Dear Drs. Seeb and Ms. Merkouris:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council fund Project 98165-CLO contingent on receipt of reports due for projects 96196, 96255 (genetics component) and 95320D. I have enclosed a copy of my preliminary recommendation on this project, along with a summary of the Chief Scientist's recommendation on the project's technical merits.

My preliminary recommendations on all proposals for funding in FY 98 will be incorporated into the Draft Work Plan, which will be distributed for public comment by June 9. The Restoration Office will accept public comments through July 15. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Trustee Council. Trustee Council action on the Work Plan is tentatively scheduled for August 6.

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

Sincerely,

Molly McCammon
Executive Director

Enclosure

cc: Claudia Slater, ADFG Liaison
Dr. Robert Spies, Chief Scientist

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SPREADSHEET B: PRELIMINARY EXECUTIVE DIRECTOR'S RECOMMENDATION/FY 98 DRAFT WORK PLAN

Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY98 Request	FY98 Recom.	FY99 Recom.	FY00 Recom.	Total FY98-02
98165-CLO	Genetic Discrimination of Prince William Sound Herring Populations	J. Seeb, L. Seeb, S. Merkouris/ADFG	ADFG	Cont'd 4th yr. 4 yr. project	$56.0	$56.0	$0.0	$0.0	$56.0

Project Abstract

Following the oil spill, the Prince William Sound herring fishery underwent a catastrophic decline beginning in 1992. The Alaska Department of Fish and Game recovery effort includes incorporating a knowledge of genetically-derived population structure into harvest management. This closeout project will delineate the structure of Prince William Sound population(s) and related North Pacific populations using both nuclear and mitochondrial DNA analyses. Results of year-one DNA analysis indicate very limited genetic exchange between the Bering Sea/Kodiak Island populations and the Prince William Sound populations, and there is evidence of significant levels of genetic divergence within Prince William Sound.

Chief Scientist's Recommendation

This project is on schedule to be closed out in FY 98 and should be completed as proposed.

Executive Director's Preliminary Recommendation

Fund closeout contingent on receipt of reports due for 96196, 96255 (genetics component) and 95320D. This project addresses basic questions about the genetic composition of Prince William Sound herring in relation to other North Pacific populations. When setting harvest limits, it is important to know whether there exists one or more genetically distinct populations. Preliminary results indicate a significant level of genetic diversity within Prince William Sound herring and between Prince William Sound herring and other North Pacific populations.

Exxon Valdez Oil Spill Trustee Council

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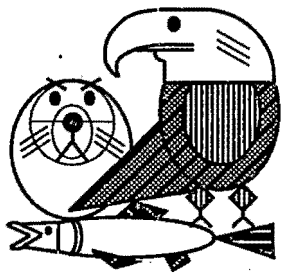

June 3, 1997

Mark Willette
ADF&G/CFMD
POB 669
Cordova, Alaska 99574-0669

Re: Project 98166, Herring Natal Habitats

Dear Mr. Willette:

I am writing to inform you of my preliminary recommendation that the *Exxon Valdez* Oil Spill Trustee Council fund Project 98166 contingent on (1) approval of a revised Detailed Project Description and budget that reflect the use of the hydroacoustic survey technique (and not herring spawn deposition survey) and eliminate the objective of methodological comparisons and (2) submittal of the revised report due on Project 95166. I have enclosed a copy of my preliminary recommendation on this project, along with a summary of the Chief Scientist's recommendation on the project's technical merits.

The Restoration Office estimates that the revised budget, including general administration, will be $75,000. The revised budget should be prepared on the standard detailed budget forms and submitted along with a revised Detailed Project Description to the Restoration Office, Attn: Sandra Schubert, by **June 25, 1997.** (Please provide an electronic copy of the revised DPD. An electronic copy of the revised budget is not needed.)

My preliminary recommendations on all proposals for funding in FY 98 will be incorporated into the Draft Work Plan, which will be distributed for public comment by June 9. The Restoration Office will accept public comments through July 15. Following a review of the public comments, as well as comments from the Trustee Council's Public Advisory Group and further consideration by the Chief Scientist, I will make a final recommendation to the Trustee Council. Trustee Council action on the Work Plan is tentatively scheduled for August 6.

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

Sincerely,

Molly McCammon
Executive Director

Enclosure

cc: Claudia Slater, ADF&G Liaison
Dr. Robert Spies, Chief Scientist

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Proj.No.	Project Title	Proposer	Lead Agency	New or Cont'd	FY98 Request	FY98 Recom.	FY99 Recom.	FY00 Recom.	Total FY98-02
98166	Herring Natal Habitats	M. Willette/ADFG	ADFG	Cont'd 5th yr. 6 yr. project	$189.7	$75.0	$22.4	$0.0	$97.4

Project Abstract

The Prince William Sound herring spawning population has drastically declined since 1993, and pathology studies have implicated viral hemorrhagic septicemia (VHS) and *ichthyophonus* as potential sources of mortality as well as indicators of stress. This project will monitor the abundance of the injured herring resource in Prince William Sound using spawn deposition techniques. Normal agency funding will be used to conduct acoustic biomass survey. In addition, the precision, accuracy, and cost of each technique will be evaluated with the intent to employ either spawn deposition or hydroacoustics using normal agency funding after FY 98.

Chief Scientist's Recommendation

This is the 5th year of a multi-year program to assess the relationship between herring spawn deposition and adult spawning biomass. Questions raised in FY 97 regarding the value of comparing spawn deposition and hydroacoustic estimates remain. The hydroacoustic survey methods appear to be the most promising for ongoing monitoring. This project should be funded at a reduced level that supports the hydroacoustic biomass estimates, but not the spawn deposition survey or the objective of methodological comparisons.

Executive Director's Preliminary Recommendation

Fund a final year of herring biomass estimates contingent on submittal of (1) a revised Detailed Project Description and budget that reflect use of the hydroacoustic survey technique and eliminate the objective of methodological comparisons and (2) the report due on 95166. This project monitors the abundance of Pacific herring and supports fisheries management decisions that protect the recovery of the stock. In FY 99, the Alaska Department of Fish and Game will prepare a final report and continue to monitor the abundance of herring using normal agency funds.

Exxon Valdez Oil Spill Trustee Council

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

June 3, 1997

Future First Environmental Club
McQueen High School
c/o Ms. Kristina Anderson
645 Cliff View Drive
Reno, Nevada 89523-9663

Dear Ms. Anderson:

Thank you for your recent letter in support of the Trustee Council's efforts to protect lands within the Kenai Fjords National Park.

With funding from the Trustee Council, the U.S. Department of the Interior has been able to successfully purchase lands with important habitat values from the English Bay Corporation. For your reference, I have enclosed a copy of a recent newsletter that describes the Trustee Council's habitat protection effort. An additional effort has been made to negotiate the purchase of lands within the Park owned by the Port Graham Corporation. At this point, the Port Graham Corporation has indicated it does not intend to sell its lands. However, the National Park Service remains hopeful that some agreement may eventually be worked out in the future.

Please know that the Trustee Council is very interested in public comment on restoration activities. A copy of your comments will be provided to each of the Trustee Council members.

Sincerely,

Molly McCammon
Executive Director

P.S. I have also enclosed a copy of our annual status report. It provides additional information about the Council's restoration efforts. You may also wish to consider visiting our web sit at http://www.alaska.net/~ospic.

enclosure

Exxon Valdez Oil Spill Trustee Council

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

June 3, 1997

Felix Najer
199 South 15th Street
San Jose, CA 95112

Dear Mr. Najer:

Thank you for your recent comments in support of the Trustee Council's efforts to protect lands within the Kenai Fjords National Park.

With funding from the Trustee Council, the U.S. Department of the Interior has been able to successfully purchase lands with important habitat values from the English Bay Corporation. For your reference, I have enclosed a copy of a recent newsletter that describes the Trustee Council's habitat protection effort. An additional effort has been made to negotiate the purchase of lands within the Park owned by the Port Graham Corporation. At this point, the Port Graham Corporation has indicated it does not intend to sell its lands. However, the National Park Service remains hopeful that some agreement may eventually be worked out in the future.

Please know that the Trustee Council is very interested in public comment on restoration activities. A copy of your comments will be provided to each of the Trustee Council members.

Sincerely,

Molly McCammon
Executive Director

enclosure

Exxon Valdez Oil Spill Trustee Council

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

June 3, 1997

M. Ruth Niswander
622 Barbera
Davis, California 95616

Dear Ms. Niswander:

Thank you for your recent comments in support of the Trustee Council's efforts to protect lands within the Kenai Fjords National Park.

With funding from the Trustee Council, the U.S. Department of the Interior has been able to successfully purchase lands with important habitat values from the English Bay Corporation. For your reference, I have enclosed a copy of a recent newsletter that describes the Trustee Council's habitat protection effort. An additional effort has been made to negotiate the purchase of lands within the Park owned by the Port Graham Corporation. At this point, the Port Graham Corporation has indicated it does not intend to sell its lands. However, the National Park Service remains hopeful that some agreement may eventually be worked out in the future.

Please know that the Trustee Council is very interested in public comment on restoration activities. A copy of your comments will be provided to each of the Trustee Council members.

Sincerely,

Molly McCammon
Executive Director

enclosure

Exxon Valdez Oil Spill Trustee Council

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

June 3, 1997

Eleanor C. Robbins
7902 Brooklyn Bridge Rd.
Laurel, Maryland 20707

Dear Ms. Robbins:

Thank you for your recent comments in support of the Trustee Council's efforts to protect lands within the Kenai Fjords National Park.

With funding from the Trustee Council, the U.S. Department of the Interior has been able to successfully purchase lands with important habitat values from the English Bay Corporation. For your reference, I have enclosed a copy of a recent newsletter that describes the Trustee Council's habitat protection effort. An additional effort has been made to negotiate the purchase of lands within the Park owned by the Port Graham Corporation. At this point, the Port Graham Corporation has indicated it does not intend to sell its lands. However, the National Park Service remains hopeful that some agreement may eventually be worked out in the future.

Please know that the Trustee Council is very interested in public comment on restoration activities. A copy of your comments will be provided to each of the Trustee Council members.

Sincerely,

Molly McCammon
Executive Director

enclosure

Exxon Valdez Oil Spill Trustee Council

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

MEMORANDUM

TO: Ken Holbrook/USFS
Gary Muehlenhardt/USFWS
Mark Kuwada/ADF&G
Art Weiner/ADNR

FROM: Eric F. Myers

DATE: June 3, 1997

SUBJ: Hartney Bay Small Parcel

Please find attached a Quitclaim Deed for a small parcel of land (~ 15 acres) at Hartney Bay in eastern PWS south of Cordova. Mr. Tom Willis, the property owner, visited the Restoration Office today and wanted to know if there was interest in the purchase of the parcel described in the deed.

I provided him with a copy of the Small Parcel nomination packet and explained the need for a completed nomination form to formally initiate the evaluation process. He stated that he would complete the form and return it but also asked that potentially interested agencies be notified regarding the availability of the parcel, which includes an anadromous stream and is tidally influenced.

Mr. Willis also brought in two large color aerial photographs of the subject property and indicated that he was intending to start development of facilities on the parcel sometime this summer if he did not otherwise have an indication of interest; he mentioned the possibility of a lodge.

Please let me know if you would like additional information. The nomination form will be distributed when it is received and the aerial photographs will be on file in the Restoration Office.

cc: Carol Fries

Exxon Valdez Oil Spill Trustee Council

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

June 3, 1997

Susan E. Patterson
Fred K. Patterson
P.O. Box 5545
Kodiak, Alaska 99615

Dear Mr. and Mrs. Patterson:

Thank you for your recent statement in regard to the recent Cape Chiniak parcel nominated by Lesnoi Corporation under the *Exxon Valdez* Oil Spill Trustee Council's habitat protection program.

The Cape Chiniak parcel is currently being evaluated from the perspective of how acquiring these lands could benefit the recovery and restoration of resources and services injured by the oil spill. Part of that evaluation will include determining whether there is a federal or state land management agency that would be able to assume responsibility for these lands. After an initial evaluation of the Chiniak nomination is completed the information will then be made available to the Trustee Council as a whole to assist in deciding how best to proceed.

Please know that the Trustee Council is very interested in public comment on restoration program activities. I will be sure to forward a copy of your statement to the Council members.

Sincerely,

Molly McCammon
Executive Director

Exxon Valdez Oil Spill Trustee Council

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

June 3, 1997

Russell Stenglein
Box 5572
Chiniak, Alaska 99615

Dear Mr. Stenglein:

Thank you for your recent letter in regard to the recent Cape Chiniak parcel nominated by Lesnoi Corporation under the *Exxon Valdez* Oil Spill Trustee Council's habitat protection program.

The Cape Chiniak parcel is currently being evaluated from the perspective of how acquiring these lands could benefit the recovery and restoration of resources and services injured by the oil spill. Part of that evaluation will include determining whether there is a federal or state land management agency that would be able to assume responsibility for these lands. Your comments and concerns about the abandoned military facilities and associated hazardous wastes have been noted. The pictures you provided are very helpful in understanding the nature and extent of the problem. A copy of your comments and photographs will be kept with the parcel file and shared with the habitat evaluation work group. After an initial evaluation of the Chiniak nomination is completed the information will then be made available to the Trustee Council as a whole to assist in deciding how best to proceed.

Please know that the Trustee Council is very interested in public comment on restoration program activities. I will be sure to forward a copy of your letter to the Council members.

Sincerely,

Molly McCammon

Molly McCammon
Executive Director

Exxon Valdez Oil Spill Trustee Council

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

MEMORANDUM

TO: Claudia Slater/ADFG

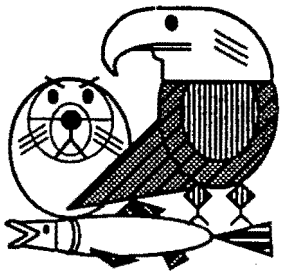
FROM: Molly McCammon
Executive Director

RE: Authorization -- Project 97247/Kametolook River Coho Salmon Subsistence Project

DATE: June 3, 1997

With the receipt yesterday in my office of the FONSI for Project 97247/Kametolook River Coho Salmon Subsistence Project, you are now authorized to proceed on the balance of the project. All work must be performed consistent with the Detailed Project Description.

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 2, 1997

C. Walter Ebell
Jamin, Ebell, Bolger & Gentry
300 Mutual Life Building
605 First Avenue
Seattle, Washington 98104

Roy S. Jones, Jr.
Birch, Horton, Bittner & Cherot
1155 Connecticut Avenue, NW, Suite 1200
Washington, D.C. 20036

Larry Landry
Landry & Associates
Renaissance Square
Two North Central, Suite 1950
Phoenix, Arizona 85004

Dear Messrs. Ebell, Jones and Landry:

The negotiators and I were very surprised by your letter of May 16, 1997. In our view, it misstates not only the status of the Eyak negotiations but also the status of the habitat acquisition program in Prince William Sound and throughout the oil spill area. We feel obligated to respond to this letter formally, even as we proceed with negotiations.

As you know, there are four large private landowners in Prince William Sound: Chenega, Tatitlek, Chugach Alaska, and Eyak. Because of your involvement in a large majority of the Council's land acquisitions, you are well aware of their history. The Trustee Council has always considered habitat protection within Prince William Sound as one of our top priorities. In fact, negotiations with Chenega and Eyak were among the very earliest undertaken by the Council immediately following settlement of the governments' claims in the *Exxon Valdez* oil spill litigation.

We are very pleased that a purchase agreement has been executed for Chenega and acquisition should be completed shortly. Negotiations with Tatitlek commenced immediately upon Tatitlek's agreement to enter into negotiations, and the

parties anticipate executing a purchase agreement in the coming months. In the case of both Tatitlek and Chenega, the Council authorized very costly timber appraisals to assist in valuing the properties. These took time to accomplish. Chugach Alaska has consistently declined to consider selling its holdings in the Sound. In the case of Eyak, the Council has expended more time and effort attempting to complete this acquisition than any other. At the same time, the Council has been unwilling to delay acquisitions in other parts of the oil spill area while it negotiated with Eyak.

Although you have met numerous times with Council negotiators and me to develop a proposed habitat protection package, appraisal of that package has only now been completed. At a meeting on May 1, 1997 we briefly discussed prices for the first time in that the negotiators advised you of the expected appraised value of the package at $22,000,000 to $23,000,000. You advised that Eyak was willing to sell for no less than $59,000,000. The negotiators advised you of the need to meet with the Council to determine whether the Council would be willing to exceed the appraised value of the land and if so by how much. We next met with you on May 12, 1997 and over the course of a lengthy negotiating session learned that Eyak would sell for $47,000,000 (for a reduced package) subject to a payment schedule. We advised you that we were authorized to discuss a price of $41,000,000 also subject to a payment schedule. The present value of the Council's proposal is approximately $37,600,000 and the present value of Eyak's proposal is approximately $42,057,000. We advised you that we were unable to proceed without further authorization from the Council.

The Trustee Council considers prices that it has paid for other parcels when it determines how much it will offer, and thus we received your price comparisons with interest. However, our comparisons lead us to reach conclusions that differ from yours. First, the Tatitlek purchase includes large amounts of timbered land. The purchase price for Tatitlek is in fact less than the fair market value of the land and timber. An Eyak acquisition would be for above appraised value. Second, the price per acre for the Chenega land, when adjusted for timber values and depending on the value placed on the Koncor interest (which Chenega insisted on compensation for in order to complete the transaction), could be somewhat lower than that being offered for Eyak. The Eyak proposal you have presented also contains significantly more reservations for development sites and homesites than does the Chenega acquisition. While these sites are a small portion of the total acreage, they are a significant portion of the accessible acres in important areas such as Simpson Bay, Windy Bay, and around Eyak Lake. Numerous developed sites--even small ones--can have significant impacts on wilderness and wildlife values.

These are some of the factors we have been considering as we attempt to develop a fair price for the package Eyak has offered. We appreciate the fact that Eyak has willingly put on the table the potential for fee acquisition of Port Gravina, Sheep and Windy Bays since these are our highest priorities. And we also appreciate Eyak's responsiveness in eliminating the proposed development sites in Port Gravina, and limiting the sites in Sheep Bay. We hope that we can work together in a positive

manner in the next few weeks to work out the remaining issues and reach an agreement that is fair to all parties.

Sincerely,

Molly McCammon
Executive Director

mm/raw

Exxon Valdez Oil Spill Trustee Council

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

FAXED

FAX COVER SHEET

623-7521

Walt Ebell
Roy Jones

To: Larry Landry Number: ~~+206-622-7634~~ 1-202-659-1027 1-602-258-2685

From: Molly McCammon Date: June 3, 1997

Comments: Total Pages: 4

Please forward to those listed above.

Thank you.

HARD COPY TO FOLLOW yes

Document Sent By: Rebecca

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*** MULTI TRANSACTION REPORT ***
****

TX/RX NO. 4504

INCOMPLETE TX/RX 12066227634

TRANSACTION OK 12026591027

16022582685

ERROR

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*** ACTIVITY REPORT ***
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TRANSMISSION OK

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CONNECTION ID	
START TIME	06/03 17:00
USAGE TIME	02'11
PAGES	4
RESULT	OK

Exxon Valdez Oil Spill Trustee Council

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

FAXED

FAX COVER SHEET

To: Jim Wolfe, Dave Gibbons, Alex Swiderski Number:

From: Molly McCammon Date: June 3, 1997

Comments: Total Pages: 4

Please forward to those listed above. Thank You.

HARD COPY TO FOLLOW NO

Document Sent By: Rebecca

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*** MULTI TRANSACTION REPORT ***
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TX/RX NO. 4506

INCOMPLETE TX/RX

TRANSACTION OK [10] 19075867555 WOLFE-GIBBONS

[36] 2787022 ALEX-CRAIG

ERROR

Exxon Valdez Oil Spill Trustee Council

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

MEMORANDUM

To: Restoration Liaisons and Work Force

From: Molly McCammon, Executive Director

Date: June 2, 1997

Subject: Restoration Reserve

At the Trustee Council meeting in Seward on May 29, I invited Dr. Robert Spies to give a presentation on "Science and the Restoration Reserve" to begin public discussion of the options for uses of the reserve. Bob also had prepared a memorandum and position paper expanding on his vision for use of the reservation reserve as an endowment to support long-term research and monitoring in the northern Gulf of Alaska. I have enclosed a copy for your information. There is no particular need for feedback on this right now, but if you are eager to offer any comments, please direct them to Bob via Stan Senner at the Restoration Office. Thank you.

encl: memorandum & position paper

Exxon Valdez Oil Spill Trustee Council

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

MEMORANDUM

TO: Steve Pennoyer, NMFS
Phil Janik, USFS
Deborah Williams, USDOI

FROM: Molly McCammon
Executive Director

DATE: June 2, 1997

RE: Science and the Restoration Reserve

To stimulate our thinking about future uses of the Restoration Reserve, I asked Dr. Bob Spies and the core reviewers (Peterson, Mundy, Rose, Haney and Wheeler) to describe what they viewed as the future needs of the science program. Bob put together the attached draft, and gave a short presentation to the Council at last week's Seward meeting. Since you weren't able to attend, I wanted to make sure you received a copy.

Attachment

APPLIED
marine
SCIENCES

MEMORANDUM

To: Molly McCammon
Executive Director

From: Robert B. Spies
Chief Scientist

Subject: Science and the Restoration Reserve

Date: April 11, 1997

At your request, I have prepared the attached position paper, "Legacy of the *Exxon Valdez* Oil Spill: Science and the Restoration Reserve," to foster substantive discussion of restoration needs and uses of the Restoration Reserve after the final Exxon payment in 2001. This paper represents my own opinion, having consulted with our distinguished panel of core scientific peer reviewers, as well as with Andy Gunther, assistant chief scientist, and Stan Senner, the Trustee Council's science coordinator. My views are summarized below:

Although many natural resources injured by the oil spill are recovering, the overall time required for recovery will extend well beyond the millenium. In establishing the Restoration Reserve, the Council explicitly recognized that there will be need for restoration actions on an ecosystem basis well into the future. The Council's mission is to return the oil-spill environment to a "healthy, productive, world-renowned ecosystem," which is a goal that goes beyond immediate restoration of injury into the realm of enhancement, as is provided for in the settlement agreement.

Looking beyond the spill to the long-term productivity of the northern Gulf of Alaska ecosystem, we must recognize that pressures on marine environments are increasing, as a growing human population looks to the oceans for sustenance, resource development, transportation, and recreation. Maintaining the capacity of the marine environment to provide these resources and services requires increased understanding of marine ecosystems and the ability to apply this ecological understanding to policy decisions and management actions. Developing such an understanding is, in my opinion, the most productive way that the Restoration Reserve can be used for the restoration and enhancement of injured natural resources and services.

I recommend that the Restoration Reserve be used to fund a permanent, adaptive, interdisciplinary monitoring and research program to track and predict ecological change and provide data and a mechanism for long-term conservation and management. This process should be administered by a small professional staff, building upon the open public process now used by the Council. This program should adopt a long-term approach, providing multi-year support for a lean, integrated monitoring program and carefully targeted research, with the aim of improving the conservation and management of the north gulf ecosystem, which is a priceless living resource. Such a program would provide a marine complement to the magnificent legacy of coastal upland habitats acquired and protected by the Council in the restoration program to date.

2155 Las Positas Court, Suite S Livermore, CA 94550 510.373.7142 FAX 510.373.7834

APPLIED
marine
SCIENCES

LEGACY OF THE *EXXON VALDEZ* OIL SPILL: SCIENCE AND THE RESTORATION RESERVE

INTRODUCTION

The mission of the *Exxon Valdez* Oil Spill Trustee Council (Council) is to return the environment to a "healthy, productive, world-renowned ecosystem," by restoring, replacing, enhancing, or acquiring the equivalent of natural resources injured by the spill and the services provided by those resources. The Council carries out this mission through research and monitoring, general restoration, and habitat protection, with the participation of the public. The success of these activities rests on an understanding of how the affected ecosystem is changing and how it naturally functions, knowledge that is largely developed through the Council's scientific program. With the possibility that recovery from the spill would take more than a decade, the Council established a Restoration Reserve to provide funds for restoration activities after the last Exxon payment in September 2001 (*Restoration Plan*, p. 27).

In adopting the *Restoration Plan*, the Council specifically recognized that monitoring recovery, understanding the spill's effects on the ecosystem, and undertaking needed restoration actions "on an ecosystem basis" will extend well into the future. This position paper outlines a rationale for and an approach to using the Restoration Reserve for a permanent, adaptive, interdisciplinary monitoring and research program. This program would track key changes in the northern Gulf of Alaska, based largely on the knowledge being developed in the current Trustee-sponsored ecosystem studies, in order to provide a basis for long-term restoration, enhancement, management, and conservation of its marine resources.

INJURY AND RECOVERY STATUS

The Council's rationale for establishing the Restoration Reserve remains valid; while many species are recovering, recovery is not uniform, nor is progress steady, among injured resources. For example, the harbor seal, which had declined before the oil spill, continues to decline. Sea otters, which are abundant in most of Prince William Sound, still have not recovered in the vicinity of the once-heavily-oiled Knight Island. *Fucus* (rockweed), a keystone species in intertidal communities, is going through oscillations in age structure and abundance. Based on our current understanding of ecological processes, some resources may not return to prespill conditions until well into the next century.

The course of recovery can be complex, as ecosystems are in constant flux due to natural (e.g., ocean currents) and human (e.g., harvests and pollution) factors. Even without EVOS, the northern Gulf of Alaska ecosystem at the millennium will

2155 Las Positas Court, Suite S Livermore, CA 94550 510.373.7142 FAX 510.373.7834

be different from the gulf ecosystem of the 1980s. Thus, the initial and lingering effects of the spill act in combination with other changes in the ecosystem to influence fish and wildlife populations. For example, the prespill decline of the harbor seal was exacerbated by the one-time spill loss of 300 seals in Prince William Sound. A more speculative example is the collapse of the Pacific herring population in Prince William Sound in 1993, probably due to a viral epidemic. The viral epidemic may have been amplified by very high densities of herring kept in the roe-on-kelp pound fisheries in the early 1990s, and, perhaps, an interaction with the lingering effects of oil exposure in 1989.

As time passes, the effects of the spill diminish relative to other influences on fish and wildlife populations, but the interaction of the 1989 event with other environmental changes will be a concern well into the future. Examples of human factors that may influence the long-term recovery and management of injured resources include: changes in fisheries economics, hatchery operations, and management practices; development of additional offshore oil and gas leases in Cook Inlet; and increases in human impact on western Prince William Sound should Whittier join the Alaskan road system.

CURRENT SCIENCE PROGRAM

The EVOS science program has evolved considerably since it began in 1989 as a natural resource damage assessment--a series of mainly independent, single-species studies aimed at assessing injuries and recovery times. After the settlement in 1991, most of the damage assessment work was concluded and projects emphasizing restoration were initiated. Most importantly the Council adopted an ecological approach to restoration in its *Restoration Plan* in 1994, and the science program was directed to identify factors that control populations of injured resources. As a result, the Council now supports three large, ecosystem-scale projects and other work aimed at identifying mechanisms and processes affecting productivity, recovery, or, in some cases, continued decline, of injured species.

The Council supports the development of innovative tools and techniques to aid and enhance recovery of injured resources. For example, the Council funded the development and installation of thermal mass-marking technology for salmon hatcheries in Prince William Sound, and every hatchery pink salmon fry leaving the sound now carries the mark of its origin. This investment greatly improves "in-season" management to protect scarce stocks of wild pink salmon. The Council has also broken new ground in involving local stakeholders in resource restoration projects.

The FY 97 science program has four interrelated emphases: (1) monitoring recovery of injured populations, (2) identifying factors limiting or influencing productivity and populations, (3) developing management tools and techniques, and (4) synthesizing the results and modeling the state of the ecosystem. Underlying the entire EVOS science program is the Council's concept that applied scientific,

ecological investigations "have important implications for restoration, for how fish and wildlife resources are managed, and for the communities and people who depend upon the injured resources" (*Restoration Plan*, p. 12). This is consistent with the Magnuson-Stevens Fishery Conservation and Resource Act to identify and protect important habitat and the Alaska Constitution's requirement for sustainable yield from the state's resources. The attached chart suggests a pathway for the science program in FY 1997-2002 in order to synthesize what has been learned to date and to develop a permanent, cost-effective ecological monitoring and research program.

THE PROPOSAL

In the opinion of the Chief Scientist, the Restoration Reserve should support a permanent, adaptive, interdisciplinary monitoring and research program in order to fulfill the mission of the Trustee Council. This program would track, and eventually help predict, ecosystem changes and provide a basis and mechanism for long-term restoration, enhancement, and wise management of marine resources in the northern Gulf of Alaska. Such a program would not only be consistent with the *Restoration Plan*, but would be an extraordinary legacy for Alaska, and especially for all those whose lives are linked to the natural resources and services of this spectacular and productive coastal region.This program should build upon the open and constructive process established by the Council and involve stakeholders, agency personnel, and the academic community in jointly creating and sustaining the program, and in integrating and applying its results.

The core of this long-term program should be a tightly integrated monitoring project that would take the pulse of the northern Gulf of Alaska ecosystem, measuring such parameters as: the strength of the Alaska Coastal Current; timing and composition of spring plankton "blooms;" the distribution and population trends of forage fish; and the productivity and survival of apex predators, such as harbor seals and common murres. This long-term (i.e., decadal scale) program should be supplemented with shorter-term (e.g., 3-5 year) strategically chosen research projects addressing specific management and conservation questions. Periodic invitations to submit proposals, much like the Council's annual invitation, would be issued and funds awarded competitively. Two examples of current needs are: (1) increased understanding of the interrelationships among major seabird colonies in the northern Gulf of Alaska, which would establish a better basis for seabird colony protection, and (2) Mechanisms controlling import of Gulf of Alaska planktonic production into coastal fjords and sounds, which appear to be key to the survival of juvenile herring.

The Trustees have achieved an unprecedented cooperation among multiple agencies, different stakeholders, federal and state interests, scientists and the public. A restoration reserve is the necessary vehicle to carry those partnerships forward to achieve the social benefits of ecosystem management. It is clear that habitat protection, resource management, and management partnerships would be enhanced by this program.

Protection of Marine Habitats

The Council is investing a large share (about $385 million) of settlement funds in habitat protection through land acquisition, mostly of coastal uplands. Protection of habitats on which injured fish and wildlife rely (directly or indirectly) is essential to both their recovery and long-term welfare. Upland habitat protection is part of the permanent, positive legacy of EVOS.

The protection of important upland habitats, however, is not sufficient to ensure the recovery and long-term protection of injured resources, which also depend on the marine ecosystem. Thus, it is essential that we also prevent the depletion and degradation of injured resources and habitats in the marine environment due to human activities and the interaction of those activities with natural changes. For example, the Council has acted decisively to protect the forested habitats in which marbled murrelets nest, but nonetheless murrelets may not recover from EVOS if their forage fish base is unprotected.

But more than protecting individual species that use the ocean, there is growing recognition of the need to protect critical marine habitat (as on land), and new tools are available to achieve this goal. For example "essential fish habitats" are recognized under the Magnuson-Stevens Fishery Conservation and Management Act; Congress has created many Marine Sanctuaries; and the Alaska State Legislature has recognized the need for Critical Habitat Areas. Regardless of whether such areas are ever formally designated and protected, EVOS research and monitoring can provide natural resource managers and stakeholders with information on the sensitive areas, times, and processes in the life histories of injured species and the ecosystem. Bottlenecks to productivity and use will be identified by further research and monitoring. This information then provides a basis to set conservation priorities and guide management decisions affecting marine and coastal resources. For example, identification of overwintering habitats for juvenile Pacific herring could indicate the need for special measures to protect water quality in these areas.

Resource Management

The *Restoration Plan* (p. 25) recognizes that if information is inadequate resource managers may have to unduly restrict human uses of marine resources or take management actions that inadvertently reduce the productivity and health of a resource. In a world where pressures on marine resources will only increase, resource managers need increased understanding of marine ecosystems in order to set conservation priorities and make informed management decisions.

One recent example is the regulation pending before the North Pacific Fishery Management Council to preempt the startup of commercial harvests of forage fish, such as sand lance and capelin, which are harvested agressively elsewhere in the world. Forage fish are prey for everything from big fish, such as pollock, to seabirds

and marine mammals, and abundant stocks of forage fish are needed to maintain a healthy marine ecosystem. In the future, measures to protect declining and threatened species, such as Steller sea lions, which depend on forage fish, may profoundly affect commercial fishing practices. By identifying root causes of population declines, long-term monitoring and research can identify preventative measures and reduce or obviate the need for restrictions on human uses.

One of four main goals of the Alaska Research Plan, developed under the Regional Marine Research Act of 1991, is to "distinguish between natural and human-induced changes in the marine ecosystem". This goal requires extended investigations of physical and biological factors that affect recruitment, growth, and survival of key marine species. Not coincidentally, these same approaches are essentially embraced and supported through the Council's science program. The Sound Ecosystem Assessment (SEA) project, for example, is developing dynamic models of salmon and herring recruitment that could enormously improve our ability to manage these major fishery resources over the long-term. Knowledge of natural influences on productivity and populations improves predictability for managers and commercial interests (e.g., the herring fishery), while knowledge of human influences and their interactions with natural change enable us to adjust expectations and human activities accordingly.

To reap the full benefits of this monitoring and research program, it will be necessary to sustain this work over a long term. In the case of cyclic oceanographic phenomena (e.g., movement of the Aleutian Low Pressure system), only work sustained over decades can begin to identify and fully interpret these processes and their ecological consequences. The current EVOS science program, for example, has benefited beyond measure from the fact that the Alaska Department of Fish and Game and the National Marine Fisheries Service have continuous data sets from shrimp trawls going back to the early 1950s. With these data, investigators in the Council's Alaska Predator Ecosystem Experiment (APEX) have documented in detail a major ecological shift in the composition of the coastal marine biota of the Gulf of Alaska in the late 1970s. This information has been crucial in interpreting the present status of marine bird and marine mammal populations in the northern Gulf of Alaska.

A Management Partnership

Making new knowledge about marine ecosystems available does not ensure its efficient utilization by program managers, resource managers, or stakeholders. To be successful, monitoring and research results must be continually evaluated by its designers and users. The program must be adjusted in response to new information, and the new information must be transferred to resource managers and stakeholders for application. It is imperative that resource managers and stakeholders be directly involved in designing the program. Their participation in the development of periodic invitations to submit proposals, project evaluations, and workshops on monitoring and research results is essential. In addition, the

program staff (see below) should include a person whose job would be to remain abreast of resource management issues and options and to assist in transferring program findings relevant to those management needs.

The current EVOS restoration program has catalyzed significant increases in multi-institutional cooperation. For example within the large ecosystem projects there is participation by state and federal agency personnel, academics from several universities, private nonprofit organizations, and consulting firms. The use of the Restoration Reserve to support a long-term monitoring and research program is an opportunity to build on this high degree of cooperation and go beyond what any of these institutions can reasonably undertake, much less sustain, as a matter of normal institutional operation and agency management. The result should be more consistent, better informed resource use and management. The efficiencies that can be obtained through improved interagency coordination and communication are probably reason enough to support such a program.

GUIDING PRINCIPLES

It is premature to propose the detailed structure of a long-term monitoring and research program. After consideration of the issues involved, however, it seems that a successful program would embrace the following concepts and essential features:

(1) The Restoration Reserve should be managed as an inflation-proofed endowment, with only a conservative fraction of the income available for expenditure. Clearly, restoration needs will extend over many years, and it is only through stable, long-term funding that the Council can fulfill its ultimate goal, which is restoration of a "healthy, productive, world-renowned ecosystem;"

(2) The size of the fund is a policy decision, but a serious, ecosystem-based research and monitoring program would require on the order of $4-5 million annually (inclusive of administrative and other costs, such as public information);

(3) Geographically, there is need for long-term marine research and monitoring throughout coastal Alaska. If the annual available funding is on the order of $4-5 million, however, an effective program must be geographically focused. The northern Gulf of Alaska area would be appropriate scale to encompass the important oceanographic and biological phenomenona. Going farther afield (e.g., adding the Bering Sea)would quickly be spread the available funds far too thinly;

(4) The program must be designed and operated as a long-term endeavor. Program priorities and commitments should be set on a multi-year basis (e.g., 3-5 years), with scientific oversight and periodic evaluation

and adjustment. Adaptive management is essential, as is the practice in the current EVOS restoration program. Given the time scale of restoration and of oceanographic and other phenomena, the overall program should be evaluated by the public and decision makers at 10-year intervals;

(5) The program must be administered by a core professional staff that is not directly affiliated with any particular agency or agenda, as is true in the current EVOS restoration program;

(6) Whether or not the Council continues to exist in its current form is a matter of policy not science. However, there must be provision for leadership and input from resource agencies as well as from marine resource stakeholders (e.g., industry, native groups, conservation organizations, academic community) and the public;

(7) The program must be of the highest scientific caliber, with ongoing outside peer review and participation by the best scientists from a variety of institutions (agency, academic, industry, consulting, nongovernmental organizations);

(8) The program must be useful to managers and stakeholders, with active participation of local people in design, evaluation, and application of results;

(9) The program should take advantage of different institutions, facilities and capabilities throughout the region, including the University of Alaska (e.g., Kodiak Fisheries Center), the Alaska SeaLife Center, Prince William Sound Science Center, Auke Bay Laboratory, etc. These institutions should contribute expertise, services, and funds to the program as well as, in some cases, receive funds to carry out elements of the program;

(10) It is essential, however, that the program strive to carry out work that individual cooperating institutions (especially government agencies) are not capable of or are unable to carry out: The current Trustee Council policy of not supporting "normal agency management" must be retained. This program must be greater than the sum of its parts. Individual institutions may be able to carry out parts of the long-term monitoring and research, but implementation of a comprehensive, long-term, and well integrated program will not be possible without something like the Restoration Reserve for support;

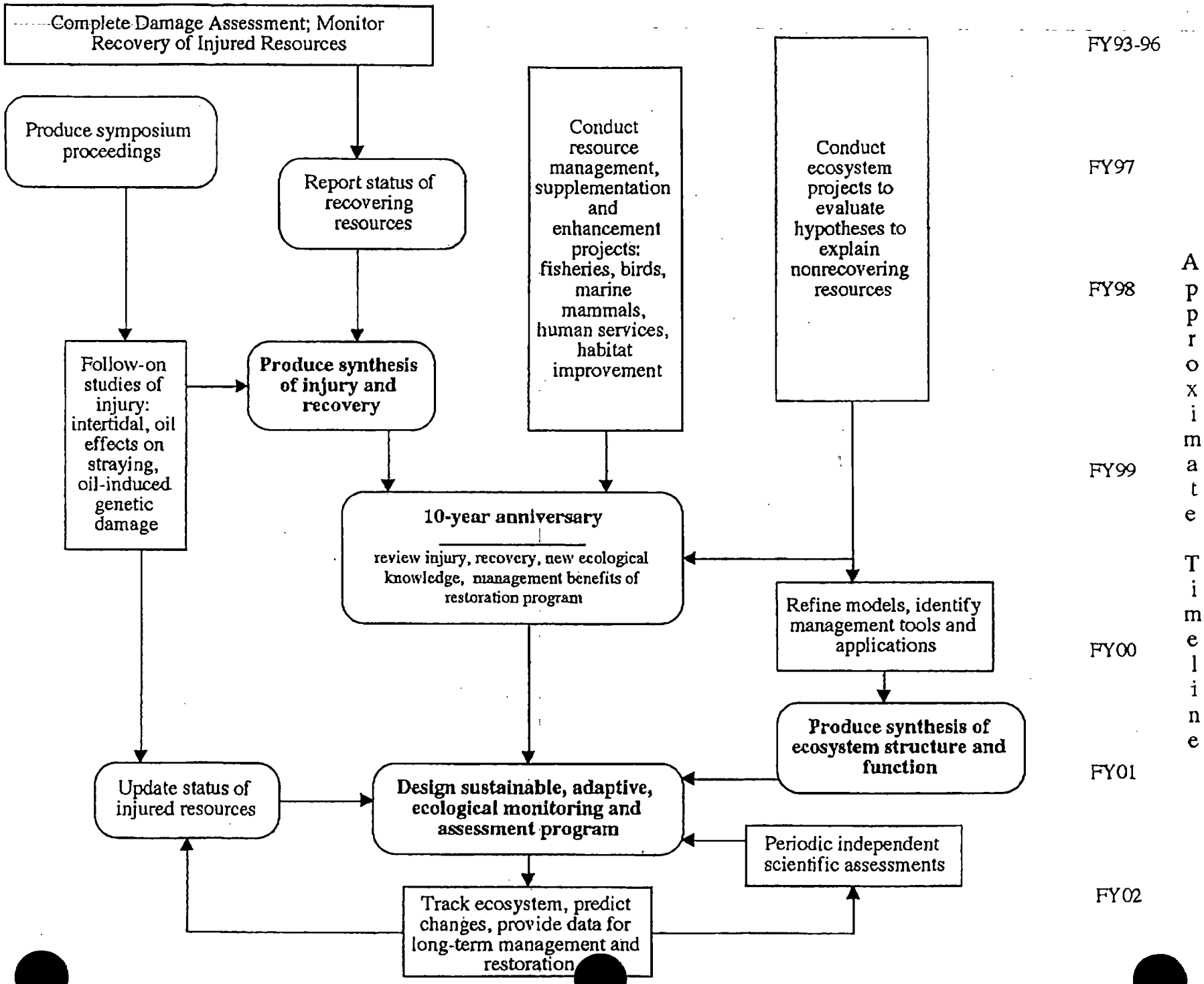
(11) The program must be coordinated, and, where appropriate, directly coupled with other marine monitoring and research endeavors (e.g., GLOBEC: Global Oceans Ecosystems Dynamics; NOAA's Fisheries Oceanography Cooperative Investigation Program, FOCI), some of which may be on-going and others which may be of more limited duration. Working

cooperatively with these other program will provide important opportunites to leverage our efforts beyond what our base program could support;

(12) In addition to coordination and active cooperation, this program should provide a forum or vehicle for jointly evaluating, setting, carrying out, and synthesizing marine science priorities and results, along the lines of what Congress intended in the Regional Marine Research Act, but focused on the northern Gulf of Alaska;

(13) There must be public accountability and active interpretation and dissemination of information for the public, perhaps through the school systems and other institutions with educational functions (e.g., Alaska SeaLife Center);

(14) It is essential that provision be made for participation by students, who are cost-effective sources of energy and labor, fresh ideas, and enthusiasm. Such provision could range from stipends and support for graduate student research to continued sponsorship of something like the Youth Area Watch, which involves junior high and high school students from the spill area.


Complete Damage Assessment; Monitor Recovery of Injured Resources
Produce symposium proceedings
Report status of recovering resources
Conduct resource management, supplementation and enhancement projects: fisheries, birds, marine mammals, human services, habitat improvement
Conduct ecosystem projects to evaluate hypotheses to explain nonrecovering resources
Follow-on studies of injury: intertidal, oil effects on straying, oil-induced genetic damage
Produce synthesis of injury and recovery
10-year anniversary
review injury, recovery, new ecological knowledge, management benefits of restoration program
Refine models, identify management tools and applications
Produce synthesis of ecosystem structure and function
Update status of injured resources
Design sustainable, adaptive, ecological monitoring and assessment program
Periodic independent scientific assessments
Track ecosystem, predict changes, provide data for long-term management and restoration
FY93-96
FY97
FY98
FY99
FY00
FY01
FY02
Approximate Timeline

Exxon Valdez Oil Spill Trustee Council

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

June 2, 1997

Michele Buster
167-15 12th Ave # 6D
Whitestone, NY 11357

Dear Ms. Buster:

Thank you for your recent comments in support of the Trustee Council's efforts to protect lands within the Kenai Fjords National Park.

With funding from the Trustee Council, the U.S. Department of the Interior has been able to successfully purchase lands with important habitat values from the English Bay Corporation. For your reference, I have enclosed a copy of a recent newsletter that describes the Trustee Council's habitat protection effort. An additional effort has been made to negotiate the purchase of lands within the Park owned by the Port Graham Corporation. At this point, the Port Graham Corporation has indicated it does not intend to sell its lands. However, the National Park Service remains hopeful that some agreement may eventually be worked out in the future.

Please know that the Trustee Council is very interested in public comment on restoration activities. A copy of your comments will be provided to each of the Trustee Council members.

Sincerely,

Molly McCammon
Executive Director

enclosure